

Out of a total of **53**
records of rainfall duration tabulated in
33 the last issue of *British Rainfall*,
were obtained with the . . .

“HYETOGRAPH”

Sole Makers

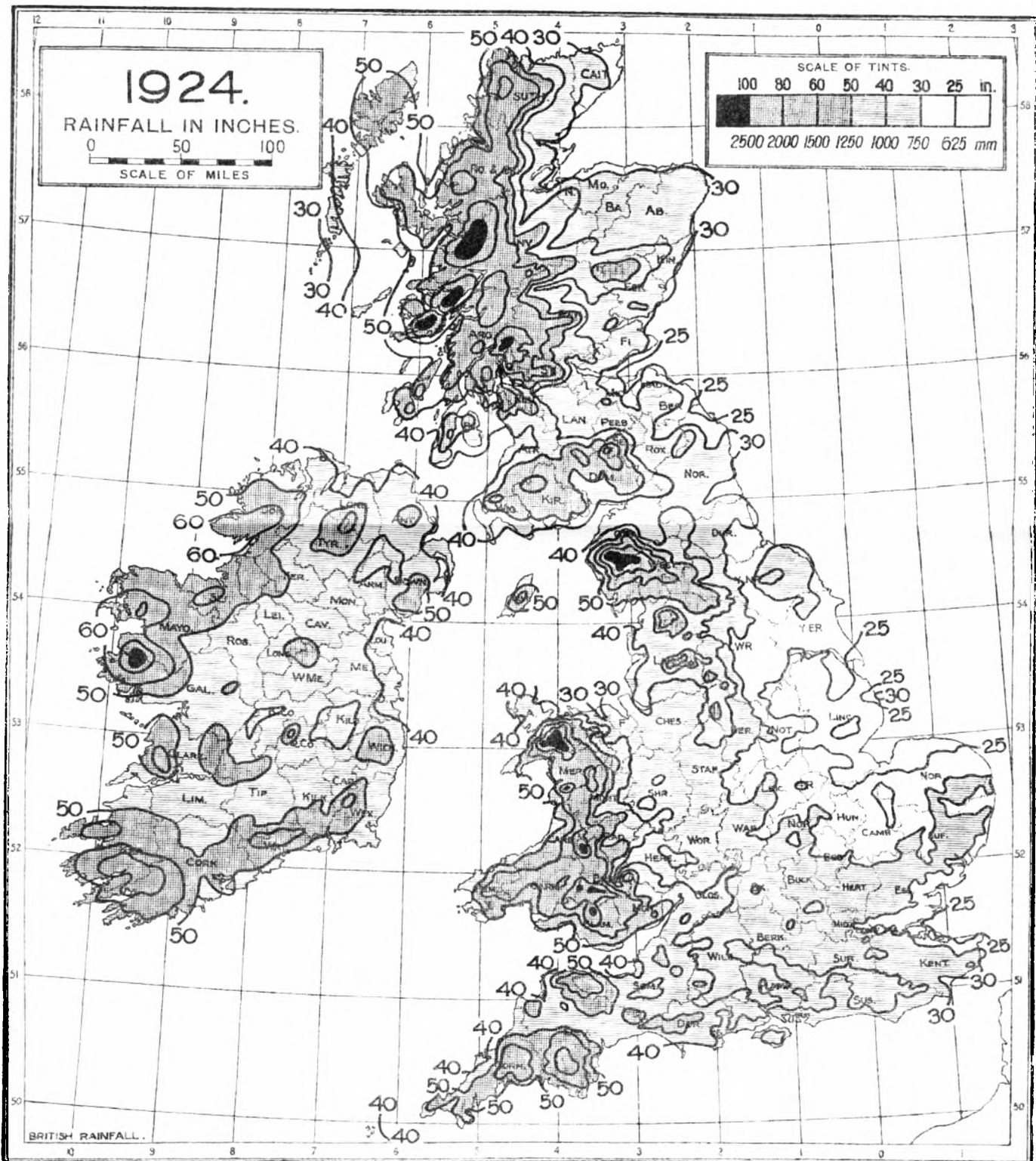
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BRITISH RAINFALL,
1924.



METEOROLOGICAL OFFICE—AIR MINISTRY.

BRITISH RAINFALL, 1924.

THE SIXTY-FOURTH ANNUAL VOLUME OF THE
BRITISH RAINFALL ORGANIZATION.

REPORT ON
THE DISTRIBUTION OF RAIN
IN SPACE AND TIME OVER
THE BRITISH ISLES
DURING THE YEAR
1924

AS RECORDED BY ABOUT 5,000 OBSERVERS
IN GREAT BRITAIN AND IRELAND.

WITH MAPS AND ILLUSTRATIONS.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

LONDON :

PRINTED AND 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; 28, Abingdon Street, London, S.W.1;
York Street, Manchester; 1, St. Andrew's Crescent, Cardiff;
or 120, George Street, Edinburgh;
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1925.

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ERRATUM IN "BRITISH RAINFALL, 1909-1921."

Kent, Charing Pumping Station, *for height above sea level read* 295 ft.

ERRATUM IN "BRITISH RAINFALL, 1922."

Merioneth, Blaenau Festiniog (Oakley Quarry), *delete* record. Computed
total 97.00 inches.

ERRATUM IN "BRITISH RAINFALL, 1923."

Hertford, Northwood (Woodhouse Eaves), *delete* record.

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INTRODUCTION.

The volume of *British Rainfall*, 1924, is again arranged in four parts. Part I is devoted to matters connected with the organization of rainfall observations and the arrangements for their discussion and utilization. Part II deals with various aspects of the rainfall of the year 1924. In Part III the total for the year of the rainfall at each observing station is set out. Part IV is reserved for articles of a general character; in this case it contains a report by Dr. J. Glasspoole on the remarkable rainfall at Cannington, near Bridgwater, on August 18th, 1924; and a paper, also by Dr. Glasspoole, containing general values of the rainfall of the British Isles and of England and Wales, Scotland and Ireland for each of the months from January, 1881, to December, 1924, expressed as percentages of the respective monthly averages. The arrangement of the volume is exactly similar to that for 1923.

The information which is summarized in these pages is based on the careful observations made day by day throughout the year by observers in all parts of the British Isles. For most of these observers the work is purely voluntary, and the way in which they place their records at the service of the public should be generally appreciated. Thanks are also due to the officials of the public bodies whose willing co-operation provides the Meteorological Office with some of the most valuable statistics.

Under an arrangement made in 1920, observers in Scotland send their returns to the Meteorological Office, Edinburgh, and the examination of such returns is carried out by the staff there before the figures are transmitted to London. The returns for English and Irish stations are handled by the staff of the British Rainfall Organization in the London Office.

The greater part of the work of preparation of the data was carried out under the direction of Mr. F. J. W. Whipple, M.A., F.Inst.P. In April, 1925, Mr. Whipple was promoted to the rank of Assistant-Director in the Meteorological Office and was placed in charge of Kew Observatory. Thereafter, the responsibility for the preparation of *British Rainfall* and for the passage of the work through the press devolved upon Mr. R. Corless, O.B.E., M.A., who was appointed Superintendent of the British Rainfall Organization in succession to Mr. Whipple.

BRITISH RAINFALL, 1924

PART I

THE WORK
OF THE
BRITISH RAINFALL
ORGANIZATION

BRITISH RAINFALL, 1924.

PART I.

THE WORK OF THE BRITISH RAINFALL ORGANIZATION.

THE STAFF OF OBSERVERS.

The observations which form the basis of the following account of the rainfall of the British Isles in the year 1924 were made in part by voluntary observers, in part by the officials of various public bodies. The total number of observers cannot be stated with precision, and it has been customary to take as an index of observing activity the number of entries in the table of *British Rainfall* showing the total rainfall for the year. Such a statement is set out below. In making comparisons between the number of entries for 1923 and 1924 on the one hand and those for previous years on the other, it is to be noted that to economise space certain records are now eliminated whenever such a course is possible without detriment to the usefulness of the publication. For example, annual totals from check gauges are omitted if they merely confirm values which already appear in the General Table, Part III ; totals from autographic gauges are not given if those from ordinary gauges placed alongside are available, and totals from roof-gauges and from gauges of which the exposures are known to be otherwise defective are also omitted.

The number of records published in the General Table for 1924 is 4,879, being 15 more than in the previous year. There are net gains in England and Scotland, but net losses in Wales and Ireland. This year the losses of records from Ireland are unfortunately rather numerous. There are only 8 new records, and as 22 of the former records have failed, the net loss is 14, or rather less than 6 per cent. of the total number of rainfall stations reporting from Ireland.

Some of the losses which materially affect the adequacy of the record of rainfall over the British Isles are enumerated below :—
Richmond (National School), in Yorkshire, N.R. ; Devil's Bridge, to

the east of Aberystwyth; Aviemore (Rothiemurchus) and Alvie Gardens, in Inverness; Poolewe (Inverewe Gardens), in Ross and Cromarty (which is not complete for the year but has since been continued); Dunrobin Castle, in Sutherland; Mitchelstown Castle, in Co. Cork; Galway (Waterdale); and Cong (The Glebe), in Mayo.

The records for the following stations are also not available for 1924, and these losses are especially to be regretted since the records are long and average values have been evaluated in each case:—Wareham (South Street), in Dorset; Stratford-on-Avon (Shottery Hall), in Warwick; Chelford (Astle Hall), in Cheshire; Moffat (Craigielands), in Dumfries; Crossmolina (Enniscoe), in Mayo; and Letterkenny (Mental Hospital), in Donegal.

We have to record the cessation of a valuable group of rain-gauges maintained on the mountains to the east of Sedbergh, of which some were in North Lancashire and others in Yorkshire. This was consequent on Mr. Arthur Wilson's removal to Tal-y-cafn, in Carnarvonshire.

Amongst the new records which are likely to prove of special importance are those at Comondale, in Yorkshire, N.R.; Maestag, in Glamorgan; Montgomery (Oakfield); Herm, in the Channel Islands; Mull (Lochbuie House) and Mull (Kinlochspelve); Glen Almond (Auchnafree), in Perthshire; and Stornoway (Leurbost School). Records have been received for the first time from a series of rain-gauges maintained by the Oldham Corporation in the neighbourhood of Littleborough, in Lancashire, and of Walsden, in Yorkshire. The large number of new records in the neighbourhood of Evesham is also of importance, and this gain is largely due to the interest of Dr. S. R. Haselhurst, of Prince Henry's School, Evesham.

The new gauges maintained by the London County Council in a number of parks, although incomplete for the year, are proving to be of special importance.

British Rainfall, 1924, compared with 1923.

Number of Records Published.

			Gain.		Loss.	Difference.		Per cent. change in year.
England	..	..	283	..	252	..	+ 31	.. +0·9
Wales, etc.	..	..	24	..	28	..	— 4	.. —0·9
Scotland	..	..	42	..	40	..	+ 2	.. +0·3
Ireland	..	..	8	..	22	..	— 14	.. —5·6
British Isles	..	..	357	..	342	..	+ 15	.. +0·3

*Number of Rainfall Records Published in the Volumes of
"British Rainfall" for the undermentioned Years.*

Years.	England.		Wales, etc.		Scotland.		Ireland.		British Isles.	Change from previous year.		No. of Stations per 100 sq. mi.
1861	..	333	..	9	..	109	..	20	..	471	..+ 47	.. 0.4
1871	..	1038	..	88	..	311	..	67	..	1504	..+ 5	.. 1.2
1881	..	1548	..	131	..	313	..	153	..	2145	..+ 41	.. 1.8
1891	..	2091	..	168	..	359	..	181	..	2799	..+ 23	.. 2.3
1901	..	2616	..	253	..	442	..	195	..	3506	..+ 13	.. 2.9
1911	..	3705	..	397	..	701	..	271	..	5074	..+198	.. 4.2
1914	..	3962	..	450	..	753	..	288	..	5453	..+ 83	.. 4.5
1919	..	3419	..	436	..	766	..	277	..	4898	..-101	.. 4.1
1920	..	3460	..	453	..	758	..	281	..	4952	..+ 54	.. 4.1
1921	..	3577	..	446	..	784	..	271	..	5078	..+126	.. 4.2
1922	..	3601	..	470	..	785	..	270	..	5126	..+ 48	.. 4.2
1923	..	3406	..	442	..	754	..	262	..	4864	..-262	.. 4.0
1924	..	3437	..	438	..	756	..	248	..	4879	..+ 15	.. 4.0
Difference from 1923 :												
{ + 31 .. - 4 .. + 2 .. -14 .. + 15 .. — ..+0.01												

For assistance in the collection of the rainfall returns for the year we are especially indebted to officials of various local organizations, among whom may be mentioned :—Mr. C. P. Sinclair, of the Hertfordshire Natural History Society and Field Club ; Mr. R. H. Primavesi, of the Northamptonshire Rainfall Association ; Mr. A. W. Preston, of the Norfolk Rainfall Association ; Miss Young, Librarian at the Barnstaple Athenaeum ; the Rev. F. P. Synge, of the Mid-Wessex Rainfall Association ; Mr. A. P. Jenkin, of the Cornwall Rainfall Association ; and Mr. E. W. M. Murphy, of the Irish Rainfall Association.

It will be seen that we have lost the co-operation of three gentlemen whose names were mentioned last year, viz., Mr. F. Campbell-Bayard, of the Croydon Natural History and Scientific Society, Major C. A. Markham, of the Northamptonshire Rainfall Association, and the Rev. H. A. Boys, of the Mid-Wessex Rainfall Association. To each of these we should like to express our thanks for their valued help during the past. Mr. Bayard's work in this connexion has now devolved directly upon the British Rainfall Organization. We welcome the co-operation of Mr. Primavesi and of the Rev. F. P. Synge, who have taken up the work of Major Markham and the Rev. H. A. Boys respectively. Mr. Primavesi had already acted as Secretary of the Northamptonshire Rainfall Association during the war.

County.	Records in 1923.	Records Lost.	Records Gained.	Records in 1924.	Records per 100 sq. mi. of area.	County.	Records in 1923.	Records Lost.	Records Gained.	Records in 1924.	Records per 100 sq. mi. of area.
ENGLAND.						SCOTLAND.					
LONDON	58	4	0	54	50	WIGTOWN	11	0	1	12	2
SURREY	189	19	19	189	26	KIRKCUDBRIGHT..	21	1	0	20	2
KENT	155	14	19	160	10	DUMFRIES	20	2	0	18	2
SUSSEX	148	11	15	152	10	ROXBURGH	16	1	0	15	2
HAMPSHIRE ..	166	11	15	170	10	SELKIRK	7	0	0	7	3
BERKSHIRE ..	51	5	7	53	7	PEEBLES	13	0	0	13	4
MIDDLESEX ..	63	7	7	63	27	BERWICK	12	0	0	12	3
HERTFORDSHIRE..	78	7	9	80	13	HADDINGTON ..	10	0	2	12	4
BUCKINGHAMSHIRE	41	2	3	42	6	MIDLOTHIAN ..	36	2	0	34	9
OXFORDSHIRE ..	43	1	7	49	6	LINLITHGOW ..	18	0	0	18	15
NORTHAMPTON ..	60	3	4	61	6	LANARK	38	2	4	40	5
HUNTINGDONSHIRE	11	1	0	10	3	AYR	33	2	1	32	3
BEDFORDSHIRE ..	23	1	2	24	5	RENFREW	43	0	1	44	18
CAMBRIDGESHIRE	42	1	2	43	5	DUMBARTON ..	24	3	1	22	8
ESSEX	99	9	5	95	6	STIRLING	33	2	4	35	8
SUFFOLK	54	4	5	55	4	BUTE	7	0	0	7	3
NORFOLK	81	8	13	86	4	ARGYLL	67	4	6	69	2
WILTSHIRE	50	1	6	55	4	CLACKMANNAN ..	9	0	0	9	16
DORSETSHIRE ..	68	7	6	67	7	KINROSS	4	0	1	5	6
SOUTH DEVON ..	147	8	19	158	9	FIFE	32	2	3	33	7
NORTH DEVON ..	46	6	4	44	5	PERTH	69	2	7	74	3
CORNWALL	70	5	8	73	5	FORFAR	36	1	1	36	4
SOMERSETSHIRE..	148	8	9	149	9	KINCARDINE ..	8	1	3	10	3
GLOUCESTERSHIRE	95	7	12	100	8	ABERDEEN	39	1	0	38	2
HEREFORDSHIRE..	39	3	4	40	5	BANFF	10	2	2	10	1.6
SHROPSHIRE ..	54	2	4	56	4	MORAY OF ELGIN.	9	0	1	10	2.1
STAFFORDSHIRE ..	53	1	2	54	5	NAIRN	5	0	0	5	3.1
WORCESTERSHIRE	58	5	8	61	8	INVERNESS	67	5	2	64	1.5
WARWICKSHIRE ..	39	6	4	37	4	ROSS & CROMARTY	23	3	2	22	0.7
LEICESTERSHIRE..	34	5	2	31	4	SUTHERLAND ..	8	1	0	7	0.3
RUTLANDSHIRE ..	2	1	1	2	1.3	CAITHNESS	9	0	0	9	1.3
LINCOLNSHIRE ..	62	5	5	62	2	ORKNEY	12	2	0	10	2.6
NOTTINGHAMSHIRE	52	3	2	51	6	SHETLAND	5	1	0	4	0.7
DERBYSHIRE ..	82	5	3	80	8	IRELAND.					
CHESHIRE	68	2	6	72	7	CORK	24	3	2	23	0.8
SOUTH LANCs ..	100	4	8	104	15	KERRY	9	0	0	9	0.5
CENTRAL LANCs ..	77	7	2	72	13	WATERFORD ..	7	0	1	8	1.1
NORTH LANCs ..	56	7	1	50	8	TIPPERARY	17	1	0	16	1.0
YORKSHIRE, W.R.	310	20	20	310	11	LIMERICK	11	1	0	10	1.0
YORKSHIRE, E.R.	29	0	1	30	3	CLARE	6	3	1	4	0.3
YORKSHIRE, N.R.	99	9	3	93	4	WEXFORD	7	1	0	6	0.7
DURHAM	42	1	3	44	4	KILKENNY	6	0	1	7	0.9
NORTHUMBERLAND	43	3	3	43	2	WICKLOW	13	1	0	12	1.5
CUMBERLAND ..	61	5	2	58	4	CARLOW	4	0	0	4	1.2
WESTMORLAND ..	61	8	2	55	7	QUEEN'S COUNTY	6	1	0	5	0.8
MONMOUTH, WALES, ETC.						KING'S COUNTY..	9	0	0	9	1.2
MONMOUTH	35	3	3	35	7	KILDARE	2	0	0	2	0.3
GLAMORGAN	56	4	4	56	7	DUBLIN	28	3	1	26	7.3
CARMARTHEN ..	15	0	2	17	2	MEATH	8	1	0	7	0.8
PEMBROKE	17	3	3	17	3	WESTMEATH ..	9	0	0	9	1.3
CARDIGAN	19	2	0	17	2	LOUTH	3	0	0	3	0.9
BRECON	85	2	1	84	11	LONGFORD	4	0	0	4	0.9
RADNOR	25	0	0	25	5	GALWAY	5	1	0	4	0.2
MONTGOMERY ..	26	0	1	27	3	ROSCOMMON ..	2	0	0	2	0.2
FLINT	14	1	1	14	5	MAYO	10	3	1	8	0.4
DENBIGH	38	4	1	35	5	SLIGO	2	0	0	2	0.3
MERIONETH	18	1	1	18	3	LEITRIM	2	0	0	2	0.3
CARNARVON	49	5	5	49	9	CAVAN	4	0	0	4	0.5
ANGLESEY	12	1	0	11	4	FERMANAGH..	3	0	0	3	0.4
ISLE OF MAN ..	8	0	0	8	4	MONAGHAN	1	0	0	1	0.2
CHANNEL ISLANDS	25	2	2	25	33	ARMAGH	5	0	1	6	1.2
						DOWN	17	0	0	17	1.8
						ANTRIM	18	0	0	18	1.5
						LONDONDERRY ..	8	1	0	7	0.9
						TYRONE	5	0	0	5	0.4
						DONEGAL	7	2	0	5	0.3

INSPECTIONS.—During the year ending March 31st, 1925, 138 rain-gauge stations were inspected by the staff of the British Rainfall Organization, as well as 34 sites for new gauges. More than half were in South Wales ; these included the gauges maintained by the Cardiff Waterworks, the Taff Fechan Water Supply Board, the Llanelly Waterworks and the Llanelly Rural District Council. The inspection of the gauges in the county of London was completed.

SURVEY MAPS.—Work was continued on the rainfall survey of the British Isles. The map of Wales on the scale 2 miles to an inch was nearly completed, and the computation of averages for the eastern counties of England was commenced.

In response to an application from the Tynwäld, averages for the stations in the Isle of Man were worked and mapped.

PROFESSIONAL WORK.—In connection with schemes for the utilization of hydraulic power, reports were prepared on the rainfall of the basin of the River Leven in the Lake District and of two areas in Wales, the Ystwyth Valley and the basins of the Artro and Nantcol. A memorandum on the average rainfall of the Upper Churnet Valley, in Staffordshire, was also prepared. The regular reports to the Metropolitan Water Board and the Thames Conservancy were continued.

INQUIRIES.—The number of other inquiries for which fees were charged was 108 as compared with 70 in the preceding twelve months. Several of the inquiries had reference to proposals for the utilization of hydraulic power.

GENERAL.—A relief map showing the rainfall in London in the great thunderstorm of June 16th, 1917, was modelled and exhibited at the British Empire Exhibition, together with maps showing the average rainfall for each month of the year on the scale 19 miles to the inch.

At the meeting of the Institution of Water Engineers on December 4th, 1924, papers were read "On the Preparation of a Rainfall Map of the British Isles," by the late Carle Salter ; and on "Fluctuations of Annual Rainfall : Three Driest Consecutive Years," by J. Glasspoole.

OBITUARY.

Intimation has been received of the death during the period October 1st, 1924, to July 31st, 1925, of 69 rainfall observers in the British Isles who have in the past contributed observations which have been published in *British Rainfall*. Of these the following kept rainfall records which have a duration of at least 30 years :—

<i>Name.</i>	<i>Last Place of Observation.</i>	<i>No. of Years Record.</i>
Stephen W. Bennett.....	Wareham, Dorset	44
Father Aloysius Laurence Cortie, S.J.	Stonyhurst College, Lancs.	44
Alfred Lawson Ford	Lynmouth, Devon	43
Thomas Egerton Tatton	Wythenshawe, Cheshire ..	43
Frederick Coryton	Greatham, Liss, Hants ...	41
Robert John Foster.....	Stockeld Park, Wetherby..	40
Charles James Cropper	Kendal	37
Sir Thos. Cope, Bart., J.P., D.L. ...	Osbaston Hall, Leics.	36
Dr. Robert Hellon	Seascale, Cumberland	35
Philip H. Palmer, C.E.	Hastings	35
Mrs. Anne Sanderson	Cloverhill, Co. Cavan	35
Rev. Donald D. MacKinnon, M.A. ..	Speldhurst, Kent	34
William H. Symes	Parkstone, Dorset	33
Thomas Latham	Tilehurst, Oxon	32
John Frederick Starkey	Bodicote House, Oxon ...	32
John Harris Walker	Wigton	32
Lt.-Col. Henry Kemble	Runwell Hall, Essex	30
Chas. Edward Taylor, J.P.	Sedbergh, Yorks	30

FATHER ALOYSIUS LAURENCE CORTIE, S.J.—Father Cortie was born on April 22nd, 1859, and died on May 16th, 1925, at Stonyhurst College. He was educated at Stonyhurst, and in 1881 he joined the Staff of the College. In 1919 he became Director of the College Observatory, in which position he was responsible for the meteorological, magnetic and astronomical work for which the observatory is well known. He was actively interested in the relation between sunspots and terrestrial magnetism, and contributed many papers to scientific journals. He was a Fellow of the Royal Meteorological Society and of the Royal Astronomical Society.

BRITISH RAINFALL, 1924

PART II

RAINFALL AND METEOROLOGY

OF

1924

1. A BRIEF SUMMARY OF THE RAINFALL OF THE YEAR.

1924 was another wet year ; for the British Isles generally it was wetter than 1923, and it ranks as the wettest year since 1903. At many stations it was the wettest year on record. The rainfall was especially heavy in Ireland and England, where the excesses for the year were respectively 22 per cent. and 20 per cent. ; over Scotland the general excess was only 5 per cent. For the whole of the British Isles the general fall was 17 per cent. in excess of the average. In 1903 the general excess was 27 per cent. The outstanding features of the year were the unprecedented local downpour of 9·4 inches at Cannington, Somerset, on August 18th and the widespread deluge in the great thunderstorm of May 31st, floods being general in some western and northern districts.

The year was remarkable for a long succession of wet months from April to October inclusive, each of which had a general rainfall in excess of the average. The rainfall of May, 1924, exceeded that of every previous May since before 1881, and in a similar period the fall of September was only exceeded in September, 1885, 1896 and 1918.

February and March were generally dry months. In March, falls as low as half-an-inch for the whole month were common in the valleys of the western Highlands of Scotland.

In *January* the general rainfall was rather above the average. More than twice the average amount fell in south-east Ireland, but an area in Inverness-shire had less than half the average amount. *February* was very dry. Only 10 per cent. of the average rain fell in Wiltshire, while over southern Scotland, and large parts of Ireland and England, the fall was less than half the average. *March* was even drier, and the fall was less than the average over practically the whole country except a small area in the outer Hebrides. In west Scotland only one-tenth of the average rain fell, and for Scotland as a whole the month was the driest March since before 1881. In *April*, Scotland again had a deficient rainfall, but in parts of eastern and central England the fall was more than twice the average amount. *May* was remarkable for numerous thunderstorms and for heavy downpours of rain, that of May 31st being memorable. Only in the extreme north-west of Scotland was the fall less than the average. In many parts of

England it exceeded three times the average amount. In *June* the heaviest falls in relation to the average were in west Scotland: Ireland and west England were, however, wetter than the average. *July* was very wet in the midland counties of England, more than twice the average fall being measured at many places. Scotland and Ireland were also wet. An area in the eastern counties had less than the average fall. London was visited by a remarkable thunderstorm with torrential rain on July 22nd. *August* was another wet month, except along the east coast. The remarkable fall at Cannington on August 18th forms the subject of a special article in Part IV. *September* was a very wet and stormy month, only a small area in Kent and Sussex having less rainfall than the average. *October* was wet along the east coast and in the midland counties of England, and relatively dry in parts of the western districts. The excess for the whole country was 12 per cent. *November* was a wet month in Ireland, but in Scotland it was dry. Over England the distribution was variable. In *December* the generally rainy conditions returned, except locally along the east coast where the average fall was not attained.

The summer half-year (April to September, 1924) with 143 per cent. of the average was, for the British Isles, the wettest summer since before 1881. The summer of 1903 ranks second with 127 per cent. The wetness of recent summers is demonstrated by the fact that during the last five years, 1920 to 1924, each of the months, July, August and September, has received a fall in excess of the average for the British Isles as a whole on as many as four occasions.

Over the British Isles the total fall for the year was in excess of the average in most places. There were, however, relatively dry areas in the Scottish Lowlands, in the valley of the Tweed, and in an area extending inland from the Lincolnshire coast for some distance. The rainfall in relation to the average, 1881 to 1915, is set out below:—

England and Wales	..	..	..	120	per cent.
Scotland	..	..	..	105	„
Ireland	..	..	..	122	„
British Isles	..	..	..	117	„

At individual stations in parts of Devon, Somerset, Co. Mayo and Co. Sligo the year was the wettest since before 1868.

The number of rain days and “wet days” was not very remarkable. For the whole British Isles there were 13 rain days and 9 “wet days” fewer in 1924 than in 1923.

with $\cdot 04$ in. or more ; $\cdot 04$ in. is practically identical with a millimetre and represents a fair amount of precipitation. It is also found that the numbers of days with $\cdot 04$ in. or more are less susceptible to effects of instrumental errors and of errors of measurement than the numbers of days with $\cdot 01$ in. or more, with the result that statistics of days with $\cdot 04$ in. or more can be mapped and their variations displayed cartographically.

To facilitate discussion special names have been adopted in the publications of the British Rainfall Organization. For many years a day to which any precipitation was credited was called a rainy day. The present practice of calling it a rain day is less open to criticism. For the day with $\cdot 04$ in. or more, the name "wet day" has been used tentatively in the last five volumes of British Rainfall to facilitate the discussion of the statistics. Readers have, however, taken exception to calling every day with $\cdot 04$ in. of rain a "wet day," and indeed, in ordinary parlance, no one would call a day with one little shower "wet," especially if it occurred during the night. Some name is, however, necessary to save circumlocution and the expression "wet day" is again used, the inverted commas denoting that the words have a special meaning.

Thus we have the two definitions :

A day credited with $\cdot 01$ in. or more is a rain day.

A day credited with $\cdot 04$ in. or more is a "wet day."

In the general table in Part III of this volume will be found the number of rain days and the number of "wet days" for each station where the daily observations have been made with due regularity.

It will be noticed that on the whole there is more uniformity in the numbers of "wet days" than in the numbers of rain days. The frequency with which the small amounts of rain from $\cdot 01$ in. to $\cdot 03$ in. are registered is affected by the extent to which the gauge is sheltered as well as by various personal considerations, so that on the whole it is of more interest to discuss the number of "wet days."

The figures of the general table are represented graphically by the map, p. 4. It is a general characteristic of the climate of the British Isles that the places with the greatest amount of rain have rain most frequently. This feature is emphasized in a wet year ; so we see that in the map the lowest numbers of "wet days" were in Essex (the minimum being 111 at Southend) ; on the other hand, the most frequent rain was in the west of Scotland and of Ireland, there being more than 225 "wet days" over the greater part of the Highlands of Scotland, and 260 "wet days" on the mountains of Connemara in Galway. The general distribution of both "wet days" and rain days was very nearly the same as in 1923, but the numbers

were rather lower. The number of rain days at Ballynahinch Castle was 309 in 1923, 305 in 1924, the "wet days" at that station being 270 and 263 in the two years.

For the more detailed study of the frequency of rain days and "wet days" the records for 100 stations have been used. The names of the stations selected for 1924 will be seen in Table IV, pp. 9-13. Changes have been made from the corresponding list in *British Rainfall*, 1923.

Mean values derived from Table IV are incorporated in Table II (General Number of "Wet Days" in each month, 1917-1924, for the British Isles), in Table I (General Number of Rain Days in England and Wales, Scotland and Ireland, 1903-1924), and in Table III (General Number of "Wet Days" in England and Wales, Scotland and Ireland, 1917-1924).

Taking the average* for the whole of the British Isles, the "general" number of rain days in 1924 was below the numbers computed for 1903 and 1923 but with those exceptions it was the highest for the period 1903-1924. A like statement may be made for Scotland, or for Ireland, but not for England where the year 1924 ranks as the eighth.

The table of frequency of "wet days" only goes back to 1917. In Ireland the year 1924 had more "wet days" than any of the seven preceding years; for the British Isles as a whole 1924 ranked second to 1923.

The low frequency of "wet days" in March, 1924, stands out as a conspicuous feature of Table II. On the other hand, the run of high numbers from May to October should be noticed. In the preceding seven years there was no May with more than 15 "wet days," but May, 1924, had 19. In the same period no other June was credited with more than 12 "wet days," but June, 1924, had 13.

In Table IV itself the smallest number of "wet days" in any month for any single station is 2. This number occurs twice. In March, 1924, at Horncastle in Lincolnshire rain occurred on the 22nd and 23rd, the amounts being .35 in. and .22 in. respectively. There were 5 other days with precipitation .01 in. to .03 in. The other entry of a 2 in Table IV refers to Courtown House in County Wexford, where the only "wet days" in February were the 8th and 10th with .68 in. and .14 in. In this case there were only two rain days in addition to the "wet days." It is remarkable that in this same month of February there should have been 19 "wet days" at Gruline in the Island of Mull. In March also there were numerous "wet days" at outlying places, Guernsey having 13 and Stornoway 16.

* The method by which the averages for the period 1892-1911 were determined is set out in *British Rainfall*, 1911, pp. [74-79].

Looking for months with numerous rain days we find at Ballynahinch Castle the full 31 rain days in January and again in December. In each of these cases the total of "wet days" was 28. The most widespread rain was in August, in which month there were 25 rain days in Devonshire and Cheshire. At many places in Scotland and Ireland the numbers were higher than this; 29 was reached at Stornoway and at Ballynahinch.

The record of October, 1923, when there were Scottish stations for which every day of the month was a "wet day" was not equalled in 1924.

Table I.—*General Number of Days with .01 in. or more, 1903–1924, compared with Average, 1892–1911.*

Year.	England and Wales. Average 187.			Scotland. Average 216.			Ireland. Average 223.			British Isles. Average 204.		
	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.	Rain Days.	Diff. from Aver.	Per cent. of Aver.
1903	211	+ 24	113	244	+ 28	113	252	+ 29	113	229	+ 25	112
1904	188	+ 1	101	219	+ 3	101	231	+ 8	104	206	+ 2	101
1905	186	— 1	99	222	+ 6	103	221	— 2	99	203	— 1	100
1906	192	+ 5	103	226	+ 10	105	231	+ 8	104	210	+ 6	103
1907	203	+ 16	109	232	+ 16	107	240	+ 17	108	218	+ 14	107
1908	189	+ 2	101	221	+ 5	102	228	+ 5	102	206	+ 2	101
1909	195	+ 8	104	216	0	100	209	— 14	94	204	0	100
1910	209	+ 22	112	221	+ 5	102	233	+ 10	104	218	+ 14	107
1911	175	— 12	94	209	— 7	97	202	— 21	91	191	— 13	94
1912	212	+ 25	113	228	+ 12	106	235	+ 12	105	222	+ 18	109
1913	190	+ 3	102	212	— 4	98	220	— 3	99	203	— 1	100
1914	192	+ 5	103	214	— 2	99	222	— 1	100	205	+ 1	100
1915	182	— 5	97	206	— 10	95	217	— 6	97	197	— 7	97
1916	205	+ 18	110	232	+ 16	107	239	+ 16	107	220	+ 16	108
1917	185	— 2	99	217	+ 1	100	224	+ 1	100	203	— 1	100
1918	200	+ 13	107	226	+ 10	105	227	+ 4	102	214	+ 10	105
1919	191	+ 4	102	214	— 2	99	213	— 10	96	203	— 1	100
1920	203	+ 16	109	232	+ 16	107	243	+ 20	109	220	+ 16	108
1921	158	— 29	85	224	+ 8	104	217	— 6	97	190	— 14	93
1922	196	+ 9	105	234	+ 18	108	226	+ 3	101	214	+ 10	105
1923	216	+ 29	116	257	+ 41	119	253	+ 30	113	236	+ 32	116
1924	202	+ 15	108	237	+ 21	110	248	+ 25	111	223	+ 19	109

Table II.—*General Number of "Wet Days" (Days with .04 in. or more) in 1917 to 1924, British Isles.*

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1917 ..	11	8	14	13	10	10	9	20	12	21	15	12	155
1918 ..	15	17	9	9	10	9	15	12	22	16	13	21	168
1919 ..	19	9	15	14	8	12	8	12	13	11	15	22	158
1920 ..	20	13	17	19	15	10	19	9	13	9	12	15	171
1921 ..	20	5	17	8	13	5	10	15	7	12	12	18	142
1922 ..	20	16	13	14	9	11	16	15	13	8	11	17	163
1923 ..	15	20	11	13	14	8	13	17	16	21	16	18	182
1924 ..	17	9	7	12	19	13	17	18	16	15	12	18	173

Table III.—*General Number of "Wet Days" (Days with .04 in. or more) in 1917 to 1924.*

		England and Wales.	Scotland.	Ireland.	British Isles.
1917..	..	134	174	176	155
1918..	..	150	182	188	168
1919..	..	143	172	171	158
1920..	..	151	185	197	171
1921..	..	110	177	166	142
1922..	..	146	181	178	163
1923..	..	159	206	198	182
1924..	..	154	184	199	173

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1924.

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
ENGLAND AND WALES.															
London 2	St. Pancras (Camden Square).	18 9	12 6	8 7	14 12	20 13	11 10	16 11	23 15	20 13	17 16	14 10	15 12	188 134	33·08
Kent 1	Tenterden (View Tower)	20 11	13 8	10 9	20 12	17 15	12 8	15 10	22 15	18 12	16 13	13 11	16 13	192 137	35·91
Sussex 3	Patcham (Brighton W.W.) . .	17 10	11 8	10 7	15 11	21 13	11 10	16 11	24 18	22 17	19 15	13 10	17 15	196 145	36·24
Hampshire 1	Ventnor (Royal National Hos.)	17 10	10 4	11 7	13 11	17 13	9 6	10 7	20 15	20 15	21 18	10 6	18 14	176 126	32·96
Hampshire 7	Selbourne (The Wakes)	17 15	9 5	10 7	14 13	23 18	12 11	16 13	20 17	23 20	20 18	12 9	17 16	193 162	47·87
Berkshire . . 5	Upton (Manor House)	19 14	9 3	8 7	12 12	23 16	11 10	13 12	22 14	18 14	19 17	11 10	22 15	187 144	30·32
Bucks. 5	Newport Pagnell (The Croft)	18 14	11 6	9 5	13 8	19 17	13 11	15 11	22 16	21 13	18 13	13 8	17 11	189 133	29·78
Northants. . 4	Eye (Northolt)	17 10	11 5	8 4	12 11	19 13	12 11	14 10	17 10	18 13	17 14	12 9	13 10	170 120	24·50
Cambridge . 2	Cambridge (Botanic Gardens)	14 9	9 5	5 4	14 8	18 14	11 8	14 11	19 14	18 12	16 12	13 7	12 11	163 115	28·67
Essex. 3	Great Wakering	13 10	10 3	6 3	15 13	17 14	10 8	11 8	16 10	14 9	14 11	11 11	15 11	152 111	24·00
Suffolk 2	Haughley (Haughley House).	16 9	14 9	8 3	11 9	15 13	9 9	12 8	17 12	17 12	13 13	12 10	15 9	159 116	26·63
Norfolk 1	Beccles (Geldeston)	20 9	18 12	7 4	13 10	19 16	16 10	11 8	17 11	18 12	16 13	15 9	14 9	184 123	28·72
Norfolk . . . 4	Swaffham (Market Place) . . .	18 12	16 10	8 4	12 11	17 12	12 9	11 8	16 12	13 12	14 14	9 7	11 8	157 119	25·63
Wiltshire . . 3	Larkhill (Sch. of Artillery) . .	18 17	6 2	9 6	14 12	24 15	10 9	16 12	19 13	20 13	19 18	12 8	19 14	186 139	35·20
Dorsetshire . 3	Dorchester (Water Works) . .	20 16	9 5	12 8	13 13	22 19	11 9	13 13	23 16	21 15	21 18	12 9	22 17	199 158	49·41
South Devon 4	Holne (Church Park Cottage)	23 21	11 9	14 10	16 12	22 19	12 10	17 15	25 19	21 21	23 17	13 13	21 20	218 186	87·41
North Devon 2	Barnstaple (N.Dev. Athenæum)	24 20	12 5	10 10	13 11	19 18	18 11	19 16	25 20	21 19	21 14	14 10	22 17	218 171	46·63
Cornwall . . . 1	Morwenstow Vicarage	27 24	11 11	12 11	14 14	23 17	20 13	20 14	26 25	21 19	20 20	12 12	24 22	230 202	47·56
Cornwall . . . 2	St. Austell (Trevarna)	27 22	14 10	13 11	11 10	21 17	12 10	21 15	26 20	20 19	21 18	13 12	26 20	225 184	59·21
Somerset . . . 3	Angersleigh (Leigh Court) . .	24 17	10 6	10 8	14 14	21 15	14 10	15 13	20 17	21 19	22 18	13 10	20 16	204 163	44·74
Gloucester . 4	Mickleton (Bank House)	18 16	7 4	9 6	13 12	21 18	12 11	16 11	22 15	18 16	15 12	12 9	15 13	178 143	33·43
Gloucester . 5	Clifton College	21 16	8 5	10 6	11 10	21 17	11 10	15 11	19 18	18 17	17 17	8 8	16 15	175 150	47·14
Hereford . . . 1	Ross (Birchlea)	19 16	9 3	8 8	13 11	24 17	12 11	16 14	17 12	22 18	18 13	9 7	18 15	185 145	39·12
Shropshire . 3	Bishops Castle (Castle St.) . .	21 14	11 3	11 7	16 15	22 19	14 12	17 12	23 17	22 17	18 12	10 8	14 13	199 149	38·00
Shropshire . 4	Shifnal (Hatton Grange)	20 16	11 7	10 7	16 13	27 18	19 17	20 16	24 18	21 15	18 12	12 9	20 15	218 163	34·62

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1924—(con.).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
ENGLAND AND WALES—(con.).															in.
Staffs. 5	Ashbourne (Mayfield House).	19 15	13 6	7 5	14 11	24 19	16 12	20 18	23 15	21 17	15 13	16 9	19 12	207 152	37·15
Leicester. . . 4	Leicester (Stoughton Drive) ..	17 11	12 6	7 6	11 11	20 17	12 12	15 14	19 15	19 12	15 13	12 9	17 12	176 138	28·44
Lincoln. 3	Horncastle	17 11	14 8	7 2	11 7	17 14	10 8	15 14	20 16	17 11	17 14	15 11	15 9	175 125	24·55
Nottingham 5	Worksop (Hodsock Priory) ..	17 10	12 7	6 5	15 10	21 18	14 7	14 9	18 13	18 11	20 12	15 9	17 13	187 124	23·92
Cheshire ... 2	Northwich (Hunt's Lock)....	22 17	17 5	5 4	16 15	25 21	20 15	21 16	23 20	25 18	19 13	13 11	20 15	226 170	35·02
North Lanes. 5	Blackpool (Met. Observatory)	21 16	11 8	9 6	18 13	26 23	16 10	17 12	22 18	22 19	18 13	11 8	22 15	213 161	38·86
Yorks. W.R. 8	Meltham (Harewood Lodge).	19 16	17 13	10 8	16 9	26 22	16 14	19 15	23 19	26 21	19 14	17 11	22 17	230 179	45·97
Yorks. E.R. 3	Hull (Pearson Park)	19 9	17 8	9 4	14 11	20 18	14 10	19 10	20 13	20 12	20 14	17 11	18 12	207 132	25·34
Yorks. E.R. 4	Filby Vicarage	17 10	17 8	13 5	15 10	22 15	15 10	21 18	19 12	20 11	22 14	19 11	16 11	216 135	27·12
Yorks. N.R. 1	West Witton (Ivy House)....	17 11	13 7	8 5	14 11	25 20	12 9	20 17	19 9	24 18	18 12	16 10	21 17	207 146	34·96
Yorks. N.R. 2	Felixkirk (Mount St. John) ..	16 10	18 12	7 5	15 11	24 19	18 11	18 14	21 14	18 12	19 15	17 10	21 16	212 149	29·69
Durham ... 2	Sunderland (Mowbray Park).	14 9	14 11	10 6	11 7	23 18	13 13	22 17	16 14	17 10	17 13	14 10	13 10	184 138	31·44
North 'land . 5	Rothbury (Cragside)	17 14	18 11	7 5	13 9	27 22	16 12	23 20	18 13	19 14	20 15	19 12	20 14	217 161	34·74
Cumberland 1	Geltsdale	21 13	19 8	10 5	17 11	26 21	20 12	28 22	28 20	23 19	23 15	17 8	26 20	258 174	37·83
W'stmoreland 2	Grasmere (The Wray)	27 20	20 10	9 8	19 12	28 25	17 12	25 23	25 22	24 23	21 19	18 14	28 25	261 213	100·85
Glamorgan . 6	Treherbert (Tyn-y-waun)....	24 21	11 6	9 8	14 14	25 23	20 14	20 19	24 21	23 20	19 16	15 10	25 20	229 192	105·25
Carmarthen . 2	Carmarthen (The Friary)....	28 22	11 6	10 7	15 15	25 22	18 13	15 14	25 21	21 20	22 17	16 11	28 21	234 189	57·51
Pembroke ... 4	Haverfordwest (Portfield) ...	28 24	9 7	9 7	15 13	23 19	17 9	19 14	21 15	22 19	20 16	15 13	25 24	223 180	55·16
Cardigan ... 3	Lampeter (Falcondale)	26 22	11 8	10 9	15 15	25 22	18 15	18 17	24 21	22 20	17 13	15 14	22 19	223 195	56·08
Denbigh ... 2	Denbigh (Garn)	19 13	17 9	8 6	18 14	25 22	18 13	21 16	22 20	22 15	18 13	16 9	20 16	224 166	37·25
Merioneth ... 4	Dolgelly (Bryntirion)	24 21	17 11	8 8	16 15	26 23	24 19	24 20	26 25	22 19	21 18	14 12	24 19	246 210	69·01
Anglesey ...	Llanerchymedd (Ll'diarth Es.)	25 22	12 7	8 7	16 15	24 21	16 12	19 14	21 18	22 18	21 15	14 13	24 19	222 181	44·62
England and Wales	(Mean of 47 Stations)	20 15	13 7	9 6	14 11	22 18	14 11	17 14	21 16	20 16	19 15	14 10	19 15	202 154	41·43

Table IV.—*Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1924—(con.).*

County and River Division.	Station.	RAIN DAYS AND "WET DAYS."												Total Rain- fall.
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.
ISLE OF MAN.														
Isle of Man ..	Douglas (Borough Cemetery).	24 23	14 8	9 8	15 12	24 18	17 13	21 18	26 21	17 16	19 15	18 13	25 21	229 186
CHANNEL ISLANDS.														
Guernsey ...	St. Peter Port (Grange Road).	19 14	13 11	15 13	16 12	22 14	11 6	15 10	19 15	18 13	19 18	14 8	18 15	199 149
SCOTLAND.														
Wigtown...3	Stoneykirk (Ardwell House)...	27 20	19 7	10 8	14 13	23 19	17 15	19 15	23 19	22 18	19 12	17 14	24 16	234 176
Kirkcudbr't 5	Dumfries (Cargen).....	25 18	15 4	7 6	15 12	26 22	15 12	23 19	21 18	22 17	22 14	15 14	26 21	232 177
Selkirk ....2	Ettrick Manse	24 15	16 10	8 6	19 13	28 24	15 13	23 21	27 19	21 19	19 14	15 13	27 23	242 190
Berwick ...3	Swinton House	20 12	13 6	4 3	9 6	26 20	16 10	23 18	18 13	17 10	20 12	15 10	24 10	205 130
Linlithgow .2	Linlithgow Academy	23 18	16 7	6 4	19 8	28 21	18 13	22 18	27 15	19 14	24 14	18 9	24 20	244 161
Lanarkshire 5	Strathaven (Dungavel).....	25 21	13 10	7 7	17 13	24 23	21 14	27 20	25 21	21 20	22 15	16 13	29 23	247 200
Ayrshire ...6	Turnberry (Hotel)	22 18	9 5	5 4	13 11	22 16	17 14	18 13	21 18	20 15	16 13	15 12	20 16	198 155
Renfrew ...3	Greenock (Prospect Hill)....	27 25	18 10	6 5	21 14	27 24	22 16	26 19	25 17	23 20	19 14	16 13	29 23	259 200
Buteshire ...3	Dougarie Lodge	26 21	17 11	6 5	18 15	26 22	23 15	22 18	23 21	22 17	17 14	18 13	22 17	240 189
Argyllshire 6	Dalmally (Manse of Glenorchy)	26 22	19 18	5 4	17 17	23 21	23 18	26 24	22 21	21 19	21 17	18 18	28 25	249 224
Argyllshire 14	Islay (Eallabus)	30 26	20 15	6 6	23 19	24 20	21 18	27 21	27 23	24 20	20 17	23 18	24 23	269 226
Argyllshire 14	Mull (Gruline)	29 25	22 19	7 4	22 16	25 20	20 17	26 23	27 23	22 18	24 17	20 18	28 24	272 224
Fifeshire ...3	St. Andrews (Queen's Gdns.)	14 12	6 5	6 4	11 8	19 15	16 11	22 19	16 12	16 15	19 13	16 8	19 14	180 136
Perthshire 11	Aberfeldy (Dall Avon)	22 14	13 7	8 4	16 7	26 20	14 9	23 16	22 12	19 15	19 11	15 10	25 21	222 146
Kincardine .3	Crathes (Schoolhouse)	15 11	18 14	15 9	13 9	25 19	19 14	20 18	19 12	13 8	15 11	17 15	11 9	200 149
Aberdeen ..1	Balmoral (Castle Gardens)...	20 12	25 13	13 8	24 12	25 17	19 10	26 20	26 12	21 14	20 13	18 12	21 15	258 158
Aberdeen ..4	Peterhead (Forehill Works) ..	19 12	19 13	12 9	17 11	18 15	19 12	18 17	20 17	17 11	16 13	18 13	14 11	207 154
Morayshire .2	Gordon Castle	13 10	16 13	12 8	12 6	20 16	19 13	21 17	17 16	18 13	18 11	12 7	14 8	192 138
Inverness ...3	Cluny Castle	23 18	23 15	12 7	19 12	24 19	18 15	25 22	26 19	23 19	21 14	20 12	27 22	261 194
Inverness .17	Fort William	28 20	19 16	7 7	20 13	25 19	23 18	28 25	26 21	20 17	22 17	18 13	26 25	262 211

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1924—(con.).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
SCOTLAND															
—(con.).															in.
Inverness .18	Skye (Portree).....	26 23	24 21	14 11	22 20	25 18	21 18	21 19	28 24	22 19	21 19	23 18	28 24	275 234	71.14
Inverness .19	Barra (Castle Bay)	28 17	20 14	11 8	19 16	24 15	22 15	27 20	28 21	20 13	18 14	22 15	26 24	265 192	28.69
R'&Cromarty.3	Fortrose	15 9	16 13	11 4	11 6	20 17	20 16	23 18	23 16	17 12	16 13	14 5	22 14	208 143	24.75
R'&Cromarty.8	Loch Torridon (Bendamp) ..	27 24	20 20	11 9	21 20	23 21	19 19	21 21	26 26	21 21	21 20	18 18	25 25	253 244	86.23
R'&Cr'm'rtly.10	Stornoway	27 20	23 19	20 16	21 16	23 19	23 15	23 19	29 25	19 18	21 16	22 19	28 25	279 227	54.43
Sutherland .1	Lairg	20 17	18 13	9 9	15 12	13 11	16 13	17 14	19 18	19 15	14 11	9 8	24 21	193 162	35.31
Sutherland .5	Loch More (Achfary)	26 23	23 20	16 13	21 20	23 19	19 17	22 17	26 23	22 20	20 16	19 16	26 23	263 227	79.18
Caithness .3	Thurso (Buckies).....	21 16	21 17	15 11	15 11	21 15	15 11	20 18	20 16	18 17	15 12	18 14	20 17	219 175	32.65
Scotland	(Mean of 28 Stations)	23 18	18 13	10 7	17 13	23 19	19 14	23 19	24 19	20 16	19 14	17 13	24 19	237 184	47.83
IRELAND.															
Co. Cork . . . 6	Dunmanway (The Rectory) ..	29 24	13 7	15 11	17 17	24 21	16 14	23 17	23 19	20 18	22 20	17 16	29 27	248 211	69.09
Co. Cork . . . 7	Glanmire (Lota Lodge)	25 20	11 7	10 9	15 14	23 19	17 14	18 14	21 15	22 18	22 19	16 13	28 24	228 186	54.68
Co. Kerry . . 3	Cahiriveen (Valencia Obsy.)	28 24	16 8	14 10	14 14	26 20	22 17	21 18	26 22	23 19	25 22	18 15	28 24	261 213	62.20
Co. Kerry . . 3	Killarney (District Asylum) ..	26 23	15 9	17 11	17 11	25 22	25 21	25 18	24 22	22 18	24 19	17 15	30 25	267 214	59.66
Waterford . . 3	Waterford (Brook Lodge) ...	22 21	8 5	7 6	13 12	19 18	19 17	20 14	22 14	21 16	22 16	16 13	25 21	214 173	49.81
Tipperary . . 1	Nenagh (Castle Lough)	25 21	13 8	12 7	17 14	25 20	24 19	25 17	28 16	22 18	22 19	20 14	26 21	259 194	47.82
Tipperary . . 3	Cashel (Ballinamona)	25 19	16 5	11 5	17 12	24 17	20 15	25 19	25 17	21 15	24 17	19 14	29 22	256 177	44.33
Limerick . . . 2	Foynes (Coolnanes)	26 20	21 8	13 11	15 15	27 19	24 21	26 17	26 22	25 17	25 18	22 15	23 21	273 204	45.39
Co. Wexford 4	Gorey (Courtown House)	25 18	4 2	7 4	11 11	24 16	16 15	19 14	19 16	18 14	19 14	16 9	25 19	203 152	43.97
Queen's Co. 2	Abbey Leix (Blandsfort)	22 20	13 6	8 5	15 12	21 17	22 17	20 15	26 20	21 13	21 17	18 15	24 20	231 177	45.37
Co. Dublin . 2	Dublin (FitzWilliam Square).	22 16	11 4	7 5	12 12	23 18	18 12	22 16	24 17	17 14	18 12	14 10	21 18	209 154	31.58
Co. Meath . . 4	Kells (Headfort)	21 17	15 6	10 6	14 10	21 20	21 16	22 18	25 19	19 15	20 16	17 14	28 16	233 173	42.92
Co. Wmeath.1	Moate (Coolatore)	23 17	14 7	12 6	13 12	23 21	25 14	24 21	26 22	23 17	22 14	17 15	22 17	244 183	41.60
Co. Longford.2	Castle Forbes Gardens	25 17	20 10	12 8	16 15	24 21	26 17	25 20	27 21	21 16	19 16	18 17	20 20	253 198	46.83
Co. Galway. 3	Ballynahinch Castle	31 28	22 17	14 12	19 15	28 23	27 23	30 26	29 27	28 24	25 21	21 19	31 28	305 263	82.57

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1924—(con.).

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
IRELAND															
—(con.).															in.
Co. Mayo . . . 4	Mallarany	24 23	13 13	10 10	14 13	23 22	22 21	22 19	28 27	20 20	20 20	17 17	26 26	239 231	78·09
Co. Sligo . . . 2	Collooney (Markree Obsy.) . .	26 22	20 13	9 9	19 16	27 23	24 21	25 23	28 26	23 22	23 18	19 16	26 19	269 228	59·26
Co. Cavan . . . 1	Belturbet (Cloverhill)	22 18	13 7	8 6	17 14	23 21	23 17	26 23	26 22	21 15	21 15	17 13	21 17	238 188	41·86
Co. Down . . . 2	Seaforde	23 19	13 8	9 8	14 12	22 21	18 15	24 24	28 24	23 21	22 19	11 11	19 19	226 201	52·77
Co. Antrim . . . 5	Ballymena (Harryville)	27 22	18 13	9 7	18 14	27 23	23 19	27 24	28 27	23 20	20 19	18 16	24 20	262 224	48·54
Co. Tyrone . . . 3	Omagh (Edenfel)	29 20	22 10	11 7	21 16	28 21	24 17	27 21	28 26	22 16	20 15	18 13	21 18	271 200	45·76
Co. Donegal . . . 3	Milford (The Manse)	25 20	18 12	9 6	22 17	26 23	20 18	26 21	28 27	23 18	21 16	20 17	21 19	259 214	44·96
Co. Donegal . . . 5	Killybegs (Rockmount)	24 23	17 11	9 8	20 15	27 21	20 19	23 22	28 28	23 22	20 17	19 16	26 23	256 225	71·73
Ireland	(Mean of 23 Stations)	25 20	15 9	10 8	16 14	24 20	22 17	24 19	26 22	22 18	22 17	17 14	25 21	248 199	52·66
British Isles .	(Mean of 100 Stations)	22 17	15 9	10 7	16 12	23 19	17 13	20 17	23 18	20 16	19 15	16 12	22 18	223 173	45·89

3. ABSOLUTE DROUGHTS, PARTIAL DROUGHTS AND DRY SPELLS IN 1924.

In dealing statistically with the distribution of drought it is necessary to make use of somewhat arbitrary definitions. The following terms have been used in *British Rainfall* for many years.

An Absolute Drought is a period of at least 15 days to none of which is credited $\cdot 01$ in. of rain or more.

A Partial Drought is a period of at least 29 days the mean rainfall of which does not exceed $\cdot 01$ in.

A supplementary definition was introduced in 1919, when the closer study of the distribution of "wet days" was begun.

A Dry Spell is a period of at least 15 days to none of which is credited $\cdot 04$ in. of rain or more.

Table VII showing the Absolute Droughts, Partial Droughts and Dry Spells which occurred during the year refers exclusively to the 100 stations of Table IV. To save space the names of stations where these phenomena did not occur are simply omitted from the drought table.

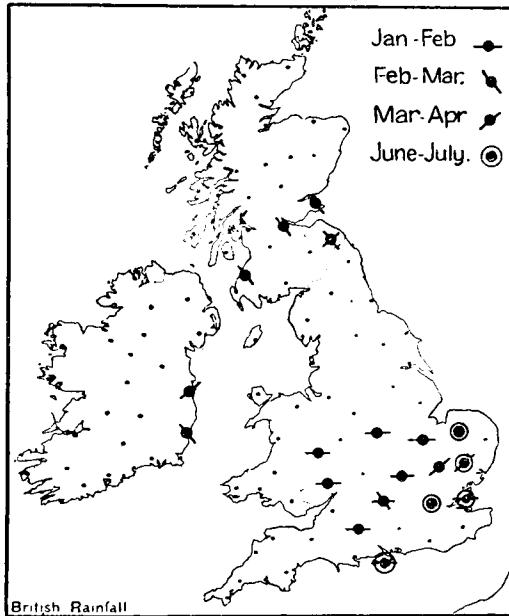
The extent of the droughty conditions may be judged from the two little maps, in each of which the selected stations are shown. The stations affected by the partial droughts are indicated on the first map; the frequency of dry spells is shown on the other.

There was no very long period without rain in the course of the year. "Partial droughts" occurred at different places in the east and south of England at various times during the late winter and early spring. In Berkshire, at Upton, "partial droughts" lasted from January 25th to March 21st, the rainfall of the 57 days being just $\cdot 57$ in. There was also a dry period in the south of Scotland in March.

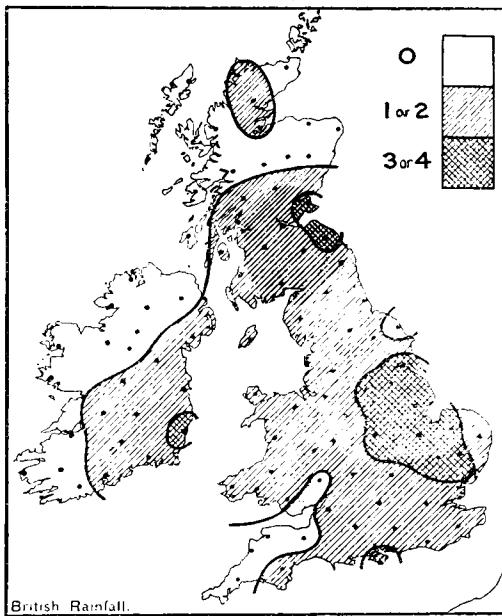
In London and the eastern counties the summer began with a partial drought. At Camden Square the total rainfall from June 13th to July 16th was only $\cdot 27$ in. This was the prelude to the thunderstorms of July 17th and 29th.

In most parts of the British Isles there was a dry spell (a fortnight without as much as $\cdot 04$ in. of rain on any one day) at some time during the year. The exceptions were round the Bristol Channel and in parts of Scotland and Ireland. On the other hand, as many as four dry spells occurred round the Humber, this being a part of the country for which the year as a whole ranks as a dry one.

Areas of Partial Droughts, 1924.



Areas of Dry Spells, 1924



The longest "absolute drought" of the year was 22 days at Swinton House, Berwickshire (February 29th to March 21st), the longest partial drought was in Berkshire (January 25th to March 21st), 57 days with $\cdot 57$ in. at Upton; this station had a like pre-eminence in 1923, the partial drought of that year lasting 54 days. The longest "dry spell," only 29 days, however, was at St. Andrews, Fifeshire, between February 18th and March 17th.

The following tables show the number of droughts and of dry spells occurring year by year since 1917. The data for Table V are available from 1887, but the figures for the earlier years have not been reproduced. They will be found in earlier volumes of *British Rainfall*. It will be noticed that 1924, though a wet year, was not conspicuous for a small number of droughts. The fact that the dry weather was mostly in the spring is not brought out by these figures. A correspondent in Oxfordshire points out that, although the total rainfall of 1924 was the heaviest since he commenced to keep records in 1890, the crops were at first nearly ruined by drought. As much drought later in the year would have been the cause of much anxiety to farmers in some parts of the country.

Table V.—*Comparative Summary of Droughts, 1917–1924.*

ABSOLUTE DROUGHTS.*					PARTIAL DROUGHTS.†			
	No. of Droughts at 100 Stations.	Mean Duration.	Longest.	Stations without one.	No. of Droughts at 100 Stations.	Mean Duration.	Longest.	Stations without one.
		Days.	Days.			Days.	Days.	
1917	109	19	28	23	64	33	61	46
1918	20	16	18	83	14	34	47	87
1919	33	18	31	68	44	38	50	63
1920	18	17	22	84	22	37	54	79
1921	86	19	38	47	109	42	89	30
1922	63	17	23	46	44	36	51	66
1923	11	17	24	89	20	38	54	80
1924	50	16	22	55	25	36	57	81
Average 1887– 1924	} 62	18	26	53	51	36	56	60
1924 diff. from Average.								
	–12	–2	–4	+ 2	–26	0	+1	+21

* 15 days without a "rain day."

† 29 days averaging not more than .01 in.

Table VI.—*Dry Spells, 1917–1924 (i.e., 15 days without a "wet day.")**

Year.	Number at 100 Stations.	Mean Duration.	Longest Spell.	Number of Stations with			
				None.	1 or 2	3 or 4	5 or more.
		Days.	Days.				
1917	193	20	31	5	70	25	0
1918	118	17	26	36	47	17	0
1919	98	19	38	35	62	3	0
1920	56	18	31	55	44	1	0
1921	201	21	58	21	43	29	7
1922	162	18	30	13	65	22	0
1923	65	18	29	54	43	3	0
1924	120	17	29	32	56	12	0

* A day with .04 in. or more.

Table VII.—*Droughts and Dry Spells in 1924.*

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days
ENGLAND AND WALES.										
London2	St. Pancras (Camden Square)	Mar. 6	Mar. 21	16	June 13	July 16	34	Mar. 6	Mar. 21	16
Kent1	Tenterden (View Tower)	Mar. 6	Mar. 21	16	..	..	..	Mar. 6	Mar. 21	16
Sussex3	Patcham (Brighton W.W.)	Mar. 4	Mar. 19	16	..	..	..	Mar. 4	Mar. 21	18
Hampshire .1	Ventnor (Royal National Hospital).	..	..	..	Jan. 25	Feb. 29	36	Jan. 25	Feb. 14	21
					June 12	July 16	35	Mar. 4	Mar. 21	18
								June 13	June 30	18
								July 2	July 16	15
								July 6	Mar. 20	15
Hampshire .7	Selborne (The Wakes)	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 20	15
Berkshire5	Upton (Manor House)	Jan. 25	Feb. 8	15	Jan. 25	Mar. 21	57	Jan. 25	Feb. 14	21
Buckingham .5	Newport Pagnell (The Croft)	Mar. 6	Mar. 20	15	Jan. 25	Feb. 23	30	Mar. 6	Mar. 21	16
								Mar. 26	April 9	15
Northamptonshire .4	Eye (Northolm)	Mar. 6	Mar. 20	15	Jan. 25	Feb. 23	30	Jan. 25	Feb. 8	15
					June 12	July 16	35	Mar. 4	Mar. 21	18
Cambridgeshire .2	Cambridge (Botanic Gardens)	Mar. 3	Mar. 20	18	Jan. 25	Feb. 23	30	Jan. 25	Feb. 8	15
		Mar. 24	April 9	17	Mar. 3	April 9	38	Mar. 3	Mar. 20	18
Essex3	Great Wakering	Mar. 4	Mar. 20	17	Jan. 25	Feb. 27	34	Mar. 24	April 9	17
					June 13	July 16	34	Jan. 25	Feb. 8	15
Suffolk2	Haughley (Haughley House)	Mar. 6	Mar. 20	15	Mar. 3	April 9	38	Mar. 3	Mar. 22	20
		June 13	June 30	18	June 12	July 16	35	Jan. 25	Feb. 8	15
								Mar. 3	Mar. 21	19
								Mar. 25	April 9	16
								June 13	July 2	20
Norfolk1	Beccles (Geldeston) . . . . .	..	..	..	..	..	..	Mar. 4	Mar. 22	19
Norfolk4	Swaffham (Market Place)	Mar. 4	Mar. 20	17	June 12	July 16	35	Mar. 3	Mar. 20	18
								Mar. 24	April 10	18
								June 13	June 30	18

* At least 15 days, none credited with .01 in. or more. † At least 29 days, with an average not exceeding .01 in.

‡ At least 15 days, none credited with .04 in. or more.

Table VII.—*Droughts and Dry Spells in 1924—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Last. days	Began.	Ended.	Last. days	Began.	Ended.	Last. days
Wiltshire ..3	Larkhill (School of Artillery) ..	..	..	..	Jan. 25	Mar. 2	38	Feb. 9	Feb. 23	15
Dorsetshire .3	Dorchester Water Works .....	..	..	..	..	..	..	Mar. 6	Mar. 21	16
South Devon 4	Holne (Church Park Cottage) ..	..	..	..	..	..	..	Mar. 6	Mar. 20	15
Gloucester-4	Mickleton (Bank House) .....	..	..	..	..	..	..	Mar. 6	Mar. 20	15
shire								Mar. 6	Mar. 21	16
Gloucester-5	Clifton College.....	..	..	..	..	..	..	Mar. 24	April 8	16
shire								Mar. 6	Mar. 20	15
Hereford ..1	Ross (Birchlea) .....	..	..	..	Jan. 25	Feb. 29	36	Mar. 21	..	..
Shropshire..3	Bishops Castle (Castle Street)	Mar. 6	Mar. 20	15	Jan. 25	Feb. 28	35	Mar. 6	Mar. 21	16
Shropshire..4	Shifnal (Hatton Grange)	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 21	16
Stafford-5	Ashbourne (Mayfield House) ..	Mar. 25	April 9	16	..	..	..	Mar. 24	April 9	17
shire		Mar. 6	Mar. 20	15	Jan. 25	Feb. 23	30	Jan. 25	Feb. 11	18
Leicester-4	Leicester (Stoughton Drive) ..	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 20	15
shire								Mar. 24	April 9	17
Lincolnshire 3	Horncastle	Mar. 4	Mar. 20	17	..	..	..	Jan. 25	Feb. 8	15
								Feb. 28	Mar. 21	23
Notting-5	Workshop (Hodsock Priory) ...	Mar. 6	Mar. 21	16	..	..	..	Mar. 24	April 10	18
hamshire								June 13	June 30	18
Cheshire....2	Northwich (Hunts Lock).....	Mar. 6	Mar. 21	16	..	..	..	Jan. 25	Feb. 8	15
		Mar. 24	April 7	15	..	..	..	Mar. 6	Mar. 21	16
North Lan-5	Blackpool (Met. Observatory)	Mar. 6	Mar. 20	15	..	..	..	Mar. 24	April 10	18
cashire								June 12	June 30	19
								Mar. 6	Mar. 21	16
								Mar. 24	April 7	15
								Mar. 6	Mar. 21	16
								Nov. 2	Nov. 20	19

* At least 15 days, none credited with .01 in. or more.

† At least 29 days, with an average not exceeding .01 in.

‡ At least 15 days, none credited with .04 in. or more.

Table VII.—*Droughts and Dry Spells in 1924—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Began.	Ended.	Lasted.
Yorkshire, 8 W.R.	Meltham (Harewood Lodge) ..	Mar. 6	Mar. 20	days 15	..	..	days in.	Mar. 6	Mar. 20	days 15
Yorkshire, 3 E.R.	Hull (Pearson Park)	Mar. 4	Mar. 20	17	..	..	..	Mar. 25	April 10	17
Yorks., N.R. 1	West Witton (Ivy House)	Mar. 6	Mar. 20	15	..	..	..	Jan. 25	Feb. 8	15
Yorks., N.R. 2	Felixkirk (Mount St. John) ...	Mar. 6	Mar. 21	16	..	..	..	Mar. 3	Mar. 21	19
Durham ... 2	Sunderland (Mowbray Park) ..	Mar. 5	Mar. 20	16	..	..	..	Mar. 25	April 8	15
N'umberl'nd 5	Rothbury (Cragside)	Mar. 1	Mar. 18	18	..	..	..	Mar. 6	Mar. 21	16
Cumberland 1	Geltsdale.....	..	..	..	..	..	..	Mar. 6	Mar. 21	16
W'stmoreland 2	Grasmere (The Wray)	Mar. 6	Mar. 20	15	..	..	..	Jan. 24	Feb. 8	16
Glamorgan . 6	Treherbert (Tyn-y-waun)	Mar. 6	Mar. 20	15	..	..	..	Mar. 2	Mar. 20	19
Carmarthen. 2	Carmarthen (The Friary) ....	..	..	..	..	..	..	Feb. 29	Mar. 20	21
Pembroke- 4 shire	Haverfordwest (Portfield) .....	..	..	..	..	..	..	Mar. 2	Mar. 20	21
Cardigan . . 3	Lampeter (Falcondale)	Mar. 6	Mar. 20	15	..	..	..	Mar. 2	Mar. 20	19
Denbigh- 2 shire	Denbigh (Garn)	Mar. 6	Mar. 20	15	..	..	..	Mar. 2	Mar. 20	19
Merioneth . . 4	Dolgelly (Bryntirion)	Mar. 6	Mar. 20	15	..	..	..	Mar. 24	April 7	15
Anglesey ...	Llancrchymedd (Llwydiarth Esgob).	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 20	15
ISLE OF MAN.	Douglas (Borough Observatory)	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 20	15
CHANNEL ISLANDS.										
Guernsey.....	St. Peter Port (Grange Road).	..	..	..	..	..	..	Mar. 6	Mar. 20	15
								Mar. 25	April 8	15
								June 12	June 30	19

* At least 15 days, none credited with .01 in. or more.

† At least 29 days, with an average not exceeding .01 in.

† At least 15 days, none credited with .04 in. or more.

TABLE VII.—*Droughts and Dry Spells in 1924—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days
SCOTLAND.	Stoneykirk (Ardwell House) ..	..	..	..	..	..	..	Mar. 5	Mar. 20	16
	Wigtown ...3	Mar. 4	Mar. 18	15	..	..	..	Mar. 4	Mar. 18	15
	Kirkc'dbr't .5	..	..	..	..	..	..	Mar. 5	Mar. 20	16
	Selkirkshire.2	..	..	..	..	..	..	Jan. 24	Feb. 8	16
	Berwickshire3	Feb. 29	Mar. 21	22	Feb. 18	Mar. 22	34	Feb. 26	Mar. 21	25
	Swinton House .....	..	..	..	Mar. 24	April 23	31	Mar. 25	April 8	15
	Linlithgow Academy	Mar. 4	Mar. 20	17	Feb. 11	Mar. 20	39	Feb. 29	Mar. 20	21
	Strathaven (Dungavel)	Mar. 3	Mar. 19	17	..	..	..	Mar. 25	April 12	19
	Turnberry Hotel	Mar. 1	Mar. 20	20	Feb. 1	Mar. 20	49	Mar. 3	Mar. 19	17
	Greenock (Prospect Hill)	Mar. 4	Mar. 20	17	..	..	..	Mar. 1	Mar. 20	20
PERTHSHIRE.	Dougarie Lodge	Mar. 4	Mar. 20	17	..	..	..	Mar. 4	Mar. 20	17
	Argyllshire .6	..	..	..	..	..	..	Mar. 1	Mar. 17	17
	Fifeshire ...3	..	..	..	Feb. 13	Mar. 21	38	Jan. 24	Feb. 8	16
	St. Andrews (Queen's Gardens)	..	..	..	..	..	..	Feb. 18	Mar. 17	29
	Aberfeldy (Dall Avon) .....	..	..	..	..	..	..	Mar. 24	April 8	16
	Fortrose .....	..	..	..	..	..	..	Feb. 29	Mar. 20	21
	Lairg	Nov. 5	Nov. 21	17	..	..	..	Mar. 25	April 8	15
	Loch More (Achfary) .....	..	..	..	..	..	..	Mar. 2	Mar. 20	19
	Glammire (Lota Lodge) .....	..	..	..	..	..	..	Nov. 5	Nov. 22	18
	Waterford (Brook Lodge)	Mar. 5	Mar. 20	16	..	..	..	Nov. 5	Nov. 21	17
IRELAND.	Nenagh (Castle Lough) .....	..	..	..	..	..	..	Mar. 21	April 4	15
	Co. Cork ...7	..	..	..	..	..	..	Mar. 5	Mar. 19	15
	Co. Water'd 3	Mar. 5	Mar. 20	16	..	..	..	Mar. 5	Mar. 20	16
Co. Tipperary1	..	..	..	..	..	..	..	Mar. 5	Mar. 19	15
								Mar. 23	April 7	16

* At least 15 days, none credited with .01 in. or more.

† At least 29 days, with an average not exceeding .01 in.

‡ At least 15 days, none credited with .04 in. or more.

TABLE VII.—*Droughts and Dry Spells in 1924—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts†			Dry Spells.‡		
		Began.	Ended.	Last.	Began.	Ended.	Last.	Began.	Ended.	Last.
Co. Tipperary 3	Cashel (Ballinamona) .....	..	..	days ..	..	..	days ..	Mar. 5	Mar. 19	days 15
Co. Wexford 4	Gorey (Courtown House)	Mar. 5	Mar. 20	16	Feb. 9	Mar. 20	41	Mar. 24	April 8	16
		Mar. 26	April 9	15				Jan. 24	Feb. 7	15
Queen's 2	Abbey Leix (Blandsfort)	Mar. 6	Mar. 20	15	..	..	..	Feb. 11	Mar. 3	22
County								Mar. 5	Mar. 20	16
Co. Dublin.. 2	Dublin (FitzWilliam Square)	Mar. 6	Mar. 21	16	Mar. 5	April 9	36	Mar. 26	April 9	15
Co. Meath .. 4	Kells (Headfort)	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 21	16
								Mar. 24	April 8	16
Co. Westm'h 1	Moate (Coolatore) .....	..	..	..	Mar. 5	April 9	36	Mar. 6	Mar. 21	16
Co. Down .. 2	Seaforde	Mar. 6	Mar. 20	15	..	..	..	Mar. 24	April 8	16
								Mar. 6	Mar. 21	16
								Mar. 25	April 8	15
								Mar. 6	Mar. 20	15
								Mar. 6	Mar. 20	15

* At least 15 days, none credited with .01 in. or more.

† At least 29 days, with an average not exceeding .01 in.

‡ At least 15 days, none credited with .04 in. or more.

4. RAIN SPELLS AND WET SPELLS IN 1924.

Before 1903 there was no systematic treatment in *British Rainfall* of the spells of wet weather. Perhaps it was because 1903 was "a very wet year," and one in which "continuity rather than intensity was the characteristic of the rainfall," that the tabulation of such spells was commenced then. However that may be, that year has not yet been surpassed either in regard to the total number of rain spells in the country or with regard to the number of stations with numerous rain spells.

The definition of a rain spell (a "rainy spell" it was called in 1903) corresponds with that of an absolute drought. Similarly the definition of a wet spell and dry spell correspond.

A Rain Spell is a period of at least 15 days to each of which is credited .01 in. or more.

A Wet Spell is a period of at least 15 days to each of which is credited .04 in. or more.

In the preparation of Table X which incorporates particulars of the "rain spells" and "wet spells" of 1924, the records for the 100 stations of Table IV have again been utilised. To save space the names of the stations at which no rain spell occurred have been omitted from the table.

It will be noticed that in spite of the generally wet character of the year, there are many stations which do not qualify for the list, viz., 33 out of the 100. These stations without "rain spells" satisfying the definition were mostly in the eastern half of Great Britain in a wide belt reaching from Kent to Caithness. At a good number of English stations the latter half of August formed a rain spell. In the wetter parts of the British Isles the rain spells occurred at various times. In the extreme case at Eallabus in the island of Islay one of the Inner Hebrides, the year opened with a rain spell already a month old. There was measurable rain every day from November 29th, 1923, to January 7th, 1924. The break then was only for one day and a rainspell followed which lasted to February 10th, so that there were 74 consecutive days only one of which was free from rain; the total rainfall for this period was nearly 16 in. The same station had 5 more rain spells before the end of the year.

In previous years the number of "wet spells," periods of 15 days or more each with at least a millimetre ($\cdot 04$ in.) of rain, has been about one-third of the number of "rain spells." In 1924, however, wet spells were much rarer in proportion, the total number for the 100 stations being only 30. To this total Loch Torridon (Bendamph), a station in one of the glens of the West Highlands of Scotland, contributes three, and Ballynahinch Castle in Galway as many as four. The wet spell of the end of August affected 10 stations, the one in January, 11 stations, otherwise there was none in which more than two stations were involved.

The general result to which this analysis points is that the rain was well distributed throughout the year; wet days were numerous, but they did not come in long sequences.

Table VIII.—*Comparative Table of Rain Spells* at 100 Stations, 1903–1924.*

Year.	No. of Rain Spells.	DURATION OF SPELLS.				STATIONS WITH			
		Mean.		Greatest.					
		Days.	Mean rain per day	Days.	Mean rain per day.	None.	1 or 2.	3 or 4.	5 or more.
1903	282	22	$\cdot 28$	52	$\cdot 51$	11	41	26	22
1904	152	19	$\cdot 22$	34	$\cdot 27$	31	51	11	7
1905	121	19	$\cdot 24$	44	$\cdot 38$	45	39	12	4
1906	125	21	$\cdot 25$	50	$\cdot 40$	38	47	11	4
1907	177	21	$\cdot 25$	45	$\cdot 17$	38	30	18	14
1908	159	19	$\cdot 24$	49	$\cdot 43$	21	59	12	8
1909	110	19	$\cdot 26$	45	$\cdot 12$	36	52	12	0
1910	235	21	$\cdot 25$	64	$\cdot 30$	24	34	25	17
1911	185	22	$\cdot 29$	39	$\cdot 15$	19	50	23	8
1912	198	22	$\cdot 27$	58	$\cdot 19$	29	32	30	9
1913	128	21	$\cdot 29$	64	$\cdot 19$	44	34	19	3
1914	150	22	$\cdot 29$	70	$\cdot 28$	30	44	25	1
1915	132	20	$\cdot 27$	38	$\cdot 25$	34	47	16	3
1916	231	20	$\cdot 29$	62	$\cdot 28$	19	41	28	12
1917	152	22	$\cdot 28$	52	$\cdot 19$	30	48	17	5
1918	186	23	$\cdot 30$	56	$\cdot 21$	21	51	19	9
1919	143	20	$\cdot 26$	46	$\cdot 31$	29	53	14	4
1920	165	20	$\cdot 25$	45	$\cdot 24$	32	45	12	11
1921	184	22	$\cdot 29$	45	$\cdot 25$	31	36	25	8
1922	170	21	$\cdot 26$	49	$\cdot 35$	30	42	23	5
1923	222	23	$\cdot 26$	89	$\cdot 31$	17	47	21	15
1924	168	19	$\cdot 25$	54	$\cdot 23$	33	41	18	8
Average	172	21	$\cdot 22$	52	$\cdot 27$	29	44	19	8

NOTE.—The values previous to 1910 have been increased to the equivalent of 100 Stations for comparison. In the columns headed "Greatest" the figures refer to the selected Stations only.

* At least $\cdot 01$ in. each day, 15 days or more.

Table IX.—*Wet Spells (at least .04 in. each day, 15 days or more) ; 100 Stations ; 1917–1924.*

Year.	Number of Wet Spells.	Mean Duration.		Longest Spell.		STATIONS WITH			
		Days.	Mean rain per day.	Days.	Mean rain per day.	None.	1 or 2.	3 or 4.	5 or more
1917	55	19	in. .35	31	in. .46	67	28	3	2
1918	49	21	.40	36	.44	70	26	4	0
1919	49	17	.29	33	.34	66	29	5	0
1920	47	18	.37	31	.61	75	17	8	0
1921	59	20	.41	29	.32	69	22	9	0
1922	65	20	.36	42	.28	64	29	7	0
1923	62	20	.36	42	.39	73	17	8	2
1924	30	18	.34	24	.37	79	19	2	0

One of the reasons given in *British Rainfall, 1919*, for the study of "wet spells" as well as "rain spells" and of "dry spells" as well as "droughts" absolute and partial was that in the British Isles the number of "rain spells" exceeded by far the number of "absolute droughts" whereas a reasonable classification might be expected to show equal numbers of runs of abnormally dry weather and of abnormally wet weather.

We have now the statistics for 8 years available and are able to make comparisons of the averages for the period 1917–1924.

Average Annual Numbers for 100 Stations.

Absolute Droughts. —At least 15 days, none credited with .01 in. or more	49
Partial Droughts. —At least 29 days, averaging not more than .01 in.	43
Dry Spells. —At least 15 days, none credited with .04 in. or more	127
Rain Spells. —At least 15 days, each credited with .01 in. or more	174
Wet Spells. —At least 15 days, each credited with .04 in. or more	52

It will be seen that the balance has been more than rectified. "Dry Spells" are more than twice as frequent as "wet spells" although absolute droughts are so much less frequent than rain spells. For practical purposes, "partial droughts" and "wet spells" are the categories of most significance. Roughly speaking, in the average year 40 per cent. of the country is visited at one time or another by partial drought and 30 per cent. of the country is visited by wet spells. Of course, there are districts in which a partial drought never occurs and perhaps there are districts for which a wet spell is never recorded.

Table X.—Rain Spells and Wet Spells in 1924.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†			Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted.	Total Rain.	Began.	Ended.	Lasted.	Total Rain.	Date.
ENGLAND AND WALES.										
Sussex 3	Patcham (Brighton W.W.) . .	Aug. 14	Aug. 31	days 18	in. 3.02	..	..	days ..	in. ..	Aug. 19
Berkshire 5	Upton (Manor House)	Apr. 29	May 13	15	1.91	..	..	..	..	May 11
Buckingham 5	Newport Pagnell (The Croft). .	Aug. 16	Aug. 30	15	1.63	..	..	..	..	Aug. 18
Dorsetshire 3	Dorchester Waterworks	Aug. 16	Aug. 31	16	2.15	..	..	..	..	Aug. 28
South Devon 4	Holne (Church Park Cottage)	Jan. 7	Jan. 24	18	8.31	Jan. 7	Jan. 24	18	8.31	Jan. 8
North Devon 2	Barnstaple (North Devon Athenaeum)	19.xii.23	Jan. 4	17	3.65	..	..	..	..	26.xii.23
		Aug. 14	Aug. 31	18	4.14	..	..	..	..	Aug. 17
Cornwall 1	Morwenstow Vicarage	16.xii.23	Jan. 3	19	3.10	..	..	..	..	26.xii.23
		Jan. 6	Jan. 26	21	4.59	..	..	..	..	Jan. 18
Cornwall 2	St. Austell (Trevarna)	Jan. 6	Jan. 26	21	5.98	Jan. 6	Jan. 24	19	5.93	Jan. 8
		Aug. 11	Aug. 31	21	3.72	..	..	..	..	Jan. 12
Gloucester 5	Clifton College	20.xii.23	Jan. 4	16	2.13	..	..	..	..	Aug. 12
Shropshire 4	Shifnal (Hatton Grange)	Apr. 22	May 13	22	3.34	..	..	..	..	25.xii.23
		May 29	June 13	16	3.84	..	..	..	..	Apr. 30
Staffordshire 5	Ashbourne (Mayfield House)	May 29	June 12	15	4.03	..	..	..	..	May 31
Cheshire 2	Northwich (Hunt's Lock).	May 29	June 12	15	3.19	..	..	..	..	May 31
		Aug. 14	Aug. 31	18	3.33	..	..	..	..	May 31
North Lanca-shire 5	Blackpool (Met. Observatory)	Apr. 22	May 7	16	2.12	..	..	..	..	Aug. 28
		Apr. 14	Aug. 31	18	2.73	..	..	..	..	May 6
Yorks., W.R. 8	Meltham (Harewood Lodge) . .	Apr. 22	May 13	22	4.41	..	..	..	..	Aug. 20
Northumber-land 5	Rothbury (Craggside).	Apr. 23	May 16	24	3.99	..	..	..	..	May 3
		July 18	Aug. 2	16	4.83	..	..	..	..	Apr. 25
Cumberland 1	Geltsdale.	July 20	Aug. 7	19	2.37	..	..	..	..	July 28
		Aug. 11	Sept. 1	22	4.70	..	..	..	..	July 30
		Sept. 6	Sept. 24	19	4.38	..	..	..	..	Aug. 20
Westmorland 2	Grasmere (The Wray)	Jan. 17	Feb. 1	16	4.82	..	..	..	..	Sept. 19
						..	..	..	..	Jan. 21

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

Table X.—*Rain Spells and Wet Spells in 1924—(con.)*.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†			Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted.	Total Rain.	Began.	Ended.	Lasted.	Total Rain.	Date.
ENGLAND AND WALES—(con.). Westmorland 2	Grasmere (The Wray)—con...	Apr. 23	May 16	days 24	in. 8.94	..	Sept. 1	days ..	in. ..	May 9
		Aug. 11	Sept. 1	22	5.46	Aug. 14	Aug. 14	19	5.28	Aug. 28
		Sept. 5	Sept. 24	20	12.05	..	..	..	..	Sept. 16
		Dec. 4	Dec. 20	17	7.81	..	..	..	..	Dec. 4
Glamorgan-shire Carmarthen-2 shire	Treherbert (Tyn-y-Waun) .. Carmarthen (The Friary) ...	19.xii.23	Jan. 3	16	5.04	..	May 13	..	7.99	25.xii.23
		Apr. 23	May 14	22	8.01	Apr. 23	May 13	21	..	Apr. 26
		18.xii.23	Jan. 4	18	2.82	..	..	..	..	25.xii.23
		Jan. 6	Jan. 26	21	5.20	..	..	..	..	Jan. 11
Pembrokeshire Cardiganshire 3	Haverfordwest (Portfield) ... Lampeter (Falcondale)	Apr. 23	May 7	15	3.12	..	..	..	..	Apr. 25
		Aug. 14	Aug. 30	17	4.62	..	Jan. 23	18	6.14	Aug. 15
		Jan. 6	Jan. 26	21	6.23	Jan. 6	Jan. 23	..	..	Jan. 21
		18.xii.23	Jan. 3	17	3.90	..	..	..	..	25.xii.23
Denbighshire 2 Merionethshire 4 Anglesey	Denbigh (Garn) Dolgelly (Bryntirion) Llanerchymedd (Llwydiarth Esgob)	Jan. 6	Jan. 26	21	5.57	..	May 7	15	3.71	Jan. 12
		Apr. 23	May 13	21	4.51	Apr. 23	May 7	..	..	Apr. 29
		Aug. 14	Aug. 30	17	5.36	..	..	..	..	Aug. 23
		Apr. 22	May 13	22	3.30	..	..	..	..	May 7
ISLE OF MAN.	Douglas (Borough Observatory)	14.xii.23	Jan. 3	21	7.21	..	Aug. 31	18	6.50	27.xii.23
		Aug. 14	Aug. 31	18	6.50	Aug. 14	Aug. 31	..	6.50	Aug. 20
		Apr. 23	May 15	23	4.11	..	..	..	..	May 9
		Jan. 7	Jan. 23	17	4.74	..	..	..	..	Jan. 21
		Apr. 23	May 7	15	4.51	..	..	..	..	Apr. 27
		Aug. 10	Aug. 30	21	4.89	..	..	..	..	Aug. 15

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

Table X.—*Rain Spells and Wet Spells in 1924—(con.).*

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted.	Total Rain.	Began.	Ended.	Lasted.	Total Rain.	Date.	Rain.
SCOTLAND.											
Wigtownshire 3	Stoneykirk (Ardwell House) ..	Jan. 10	Jan. 29	20 days	in. 4·82	..	..	days	in. ..	Jan. 12	1·02
Kirkcudbright 5	Dumfries (Cargen)	Sept. 7	Sept. 24	18	4·25	..	..	..	..	Sept. 22	·94
Selkirkshire ·2	Ettrick Manse	Nov. 21	Dec. 8	18	4·33	..	..	..	..	Dec. 4	·89
Linlithgow ·2	Linlithgow Academy	May 2	May 16	15	3·61	..	..	..	..	May 9	·93
Lanarkshire ·5	Strathaven (Dungavel)	Aug. 10	Aug. 31	22	2·38	..	..	..	..	Aug. 22	·59
		July 20	Aug. 7	19	2·26	..	..	..	..	Aug. 5	·51
		Sept. 7	Sept. 23	17	4·67	..	..	..	..	Sept. 23	·71
		Sept. 28	Oct. 12	15	4·14	..	..	..	..	Sept. 28	·85
		Nov. 21	Dec. 8	18	4·06	..	..	..	..	Nov. 21	1·02
Renfrewshire 3	Greenock (Prospect Hill)	Sept. 5	Sept. 23	19	4·36	..	..	..	..	Sept. 20	·64
		Nov. 21	Dec. 18	28	9·11	..	..	..	..	Nov. 21	1·50
Bute .....3	Dougarie Lodge	June 23	July 7	15	1·68	..	..	..	..	July 5	·46
		Sept. 7	Sept. 23	17	4·42	..	..	..	..	Sept. 22	1·25
Argyllshire ·6	Dalmally (Manse of Glenorchy)	Jan. 25	Feb. 9	16	5·05	..	..	..	..	Jan. 25	1·16
		June 23	July 10	18	6·84	..	..	..	..	June 26	1·03
		Sept. 10	Sept. 24	15	4·63	..	..	..	..	Sept. 15	1·03
		Dec. 3	Dec. 18	16	5·94	..	..	..	..	Dec. 12	1·54
Argyllshire ·14	Islay (Eallabus)	29.xi.23	Jan. 7	40	10·01	17.xii.23	Jan. 3	18 days	4·99	31.xii.23	1·27
		Jan. 9	Feb. 10	33	5·93	..	..	..	..	Jan. 18	·51
		Apr. 6	Apr. 21	16	2·44	..	..	..	..	Apr. 18	·87
		June 23	July 7	15	2·63	..	..	..	..	July 2	·43
		July 22	Aug. 6	16	2·97	..	..	..	..	July 31	·74
		Sept. 7	Sept. 22	16	4·37	..	..	..	..	Sept. 22	·76
		Nov. 21	Dec. 7	17	5·51	..	..	..	..	Dec. 4	·78
Argyllshire ·14	Mull (Gruline)	9.xii.23	Jan. 7	30	9·58	..	..	..	..	9.xii.23	·85
		Jan. 10	Feb. 10	32	9·48	..	..	..	..	Jan. 23	·89
		Sept. 28	Oct. 12	15	5·53	..	..	..	..	Sept. 29	1·76

* At least 15 days, each credited with ·01 in. or more.

† At least 15 days, each credited with ·04 in. or more.

Table X.—Rain Spells and Wet Spells in 1924—(con.).

County and River Division.	Station.	Rain Spells.*			Wet Spells.†			Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted days	Total Rain.	Began.	Ended.	Lasted days	Total Rain.
SCOTLAND —(con.).	Mull (Gruline)—(con.)	Nov. 17	Dec. 18	32	in. 11.82	Nov. 17	Dec. 1	15	in. 5.05
	Argyllshire ..14	Nov. 21	Dec. 8	18	2.70	..	..	..	..
	Perthshire ..11	Apr. 24	May 10	17	3.38	..	..	..	..
	Aberdeenshire 1	May 20	June 3	15	.97	..	..	..	..
Inverness-shire 3	..	Aug. 11	Aug. 28	18	3.89	..	..	..	..
	..	Nov. 22	Dec. 6	15	2.02	..	..	..	..
	..	Sept. 7	Sept. 25	19	3.85	..	..	..	..
	..	Sept. 27	Oct. 11	15	2.89	..	..	..	..
Inverness-shire 17	Cluny Castle.....	Jan. 18	Feb. 9	23	7.76	..	..	..	..
	..	Apr. 6	Apr. 21	16	2.45	..	..	..	..
	..	June 23	July 20	28	9.80	June 25	July 10	16	5.93
	..	Aug. 14	Sept. 1	19	4.28	..	..	..	..
Inverness-shire 18	..	Sept. 28	Oct. 12	15	4.44	..	..	..	..
	..	Feb. 14	Feb. 29	16	2.02	..	..	..	..
	..	June 18	July 4	17	5.96	..	..	..	..
	..	Sept. 8	Sept. 24	17	6.11	..	..	..	..
Inverness-shire 19	..	Sept. 27	Oct. 12	16	5.82	..	..	..	..
	..	Nov. 17	Dec. 1	15	5.67	..	..	..	..
	..	Dec. 16	Dec. 31	16	7.49	..	..	..	..
	..	28.xi.23	Jan. 5	39	4.14	..	..	..	..
Ross and Cromarty 8	Barra (Castlebay)	Jan. 10	Feb. 1	23	2.13	..	..	..	..
	..	May 3	May 17	15	2.04	..	..	..	..
	..	July 6	July 20	15	1.22	..	..	..	..
	..	Sept. 8	Sept. 22	15	1.72	..	..	..	..
..	..	Jan. 18	Feb. 6	20	8.69	Jan. 23	Feb. 6	15	7.71
	..	Apr. 5	Apr. 20	16	3.39	..	..	..	..
	Loch Torridon (Bendamp) ..	..	..	..	..	..	..	..	..

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

Table X.—Rain Spells and Wet Spells in 1924—(con.).

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.
SCOTLAND —(con.). Ross and Cromarty 8 Ross and Cromarty 10	Loch Torridon (Bendamph) —(con.).	June 24	July 12	days 19	in. 7.79	June 24	July 12	days 19	in. 7.79	June 28	in. 1.15
	Stornoway	Aug. 14	Aug. 28	15	4.65	Aug. 14	Aug. 28	15	4.65	Aug. 26	.81
		Feb. 23	Mar. 10	17	4.63	..	..	..	..	Mar. 7	.96
		June 23	July 8	16	3.43	..	..	..	..	July 2	.74
		Aug. 18	Sept. 1	15	2.70	..	..	..	..	Aug. 19	.52
		Nov. 17	Dec. 1	15	2.95	..	..	..	..	Nov. 23	.89
		Dec. 4	Dec. 20	17	4.74	..	..	..	..	Dec. 12	1.08
	Loch More (Achfary)	Jan. 18	Feb. 7	21	9.01	Jan. 18	Feb. 6	20	8.99	Jan. 26	1.47
		Feb. 19	Mar. 5	16	4.07	..	..	..	..	Mar. 1	.75
		Apr. 5	Apr. 20	16	5.04	Apr. 5	Apr. 20	16	5.04	Apr. 20	1.06
IRELAND. Co. Cork ....6 Co. Cork ....7 Co. Kerry ...3 Co. Kerry ...3 Co. Kerry ...3 Co. Waterford 3 Co. Tipperary 1	Dunmanway (The Rectory) ..	Aug. 16	Sept. 1	17	5.50	..	..	..	..	Aug. 23	.96
		Dec. 4	Dec. 19	16	5.54	..	..	..	..	Dec. 17	1.32
		Jan. 1	Jan. 24	24	9.96	Jan. 5	Jan. 21	17	9.14	Jan. 12	1.96
		Dec. 7	Dec. 31	25	8.74	Dec. 17	Dec. 31	15	6.22	Dec. 26	1.27
	Glanmire (Lota Lodge)	Dec. 17	Dec. 31	15	5.33	..	..	..	..	Dec. 25	.95
	Cahiriveen (Valencia Observatory)	29.xii.23	Jan. 24	27	6.64	..	..	..	..	Jan. 14	.84
		Apl. 23	May 10	18	3.47	..	..	..	..	Apr. 24	.68
		Dec. 11	Dec. 31	21	7.10	..	..	..	..	Dec. 26	.91
	Killarney (District Asylum) .	Jan. 5	Jan. 24	20	5.85	Jan. 6	Jan. 21	16	5.60	Jan. 12	1.25
		Nov. 22	Dec. 15	24	6.41	..	..	..	..	Dec. 12	1.09
		Dec. 17	Dec. 31	15	7.06	..	..	..	..	Dec. 29	1.53
	Waterford (Brook Lodge) ...	Jan. 5	Jan. 21	17	6.74	..	..	..	..	Jan. 12	1.21
	Nenagh (Castle Lough)	Jan. 7	Jan. 24	18	4.08	..	..	..	..	Jan. 12	.92
		Aug. 10	Sept. 1	23	2.05	..	..	..	..	Aug. 16	.33
		Nov. 21	Dec. 5	15	4.00	..	..	..	..	Nov. 26	.95

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

Table X.—*Rain Spells and Wet Spells in 1924—(con.)*.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†			Max. in a Day during Rain Spell.		
		Began.	Ended.	Days Lasted.	Total Rain.	Began.	Ended.	Days Lasted.	Total Rain.	Date.	Rain.
IRELAND											
—(con.).											
Co. Tipperary 3	Cashel (Ballinamona)	Jan. 6 Nov. 21 12.xii.23	Jan. 24 Dec. 10 Jan. 3	19 20 23	in. 6.28 4.00	..	..	days	in.	Jan. 12 Nov. 26 26.xii.23	1.63 1.13 .52
Co. Limerick 2	Foynes (Coolnanes)	Jan. 6 Aug. 13 Sept. 5	Jan. 24 Sept. 2 Sept. 24	19 21 20	3.24 3.03 3.65	..	..	..	..	Jan. 12 Aug. 16 Sept. 22	.48 .52 1.14
Co. Wexford . . 4	Gorey (Courtown House)	Jan. 3 Apr. 23	Feb. 21 May 7	19 15	4.36 7.41	..	..	..	..	Jan. 12 Apr. 26	1.71 .59
Queen's County 2	Abbey Leix (Blandsfort)	Jan. 6 Aug. 10	Jan. 21 Aug. 29	16 20	2.98 5.33	..	..	..	..	Jan. 12 Aug. 28	1.18 .37
Co. Dublin . . 2	Dublin (FitzWilliam Square).	Jan. 6 Aug. 10	Jan. 23 Aug. 25	18 16	3.06 2.74	..	..	..	..	Jan. 12 Aug. 16	.79 .65
Co. Meath . . . 4	Kells (Headfort)	Dec. 2	Dec. 16	15	2.01	..	..	..	..	Dec. 3	.49
Co. Westmeath 1	Moate (Coolatore)	Jan. 8 Sept. 6	Jan. 24 Sept. 24	17 19	2.64 4.33	..	..	..	..	Jan. 12 Sept. 7	.73 1.44
Co. Longford . .	Castle Forbes Gardens	Jan. 11 Feb. 19 June 14	Jan. 26 Mar. 5 June 29	16 16 16	3.31 1.38 1.76	..	..	..	..	Jan. 12 Mar. 4 June 17	.69 .85 .33
Co. Galway . . 3	Ballynahinch Castle	Aug. 10 20.xii.23 Apr. 22 June 5 July 22	Sept. 11 Feb. 10 May 20 July 20 Aug. 7	54 19 46 17	3.91 12.49 5.06 10.92 4.25	..	Jan. 1	24	6.01	Aug. 13 Feb. 8 Apr. 29 July 9 July 27	.53 1.21 .74 .73 .78
		Aug. 10 Sept. 5 Nov. 21	Sept. 3 Sept. 25 Dec. 31	25 21 41	6.09 7.84 17.16	Aug. 10	Aug. 24	15	3.53	Aug. 2 Aug. 27 Sept. 7 Dec. 1	1.09 2.41 1.84

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

Table X.—*Rain Spells and Wet Spells in 1924—(con.)*.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spell.			
		Began.	Ended.	Lasted	Total Rain.	Began.	Ended.	Lasted	Total Rain.	Date.	Rain.		
IRELAND													
—(con.).													
Co. Mayo ....4	Mallarany	Aug. 10	Sept. 2	24	7.35	Aug. 10	Aug. 28	19	6.84	Aug. 27	1.66	in.	
Co. Sligo ....2	Collooney (Markree Observatory)	17.xii.23	Jan. 3	18	3.42	..	..	..	..	Jan. 3	.80		
		Aug. 10	Sept. 2	24	6.90	Aug. 19	Sept. 2	15	4.54	Aug. 20	.90		
		Sept. 7	Sept. 24	18	4.99	..	..	..	..	Sept. 7	1.30		
Co. Cavan ...1	Belturbet (Cloverhill)	Aug. 10	Aug. 24	15	2.57	..	..	..	..	Aug. 21	.38		
Co. Down ...2	Seaforde	Apr. 23	May 7	15	4.19	Apr. 23	May 7	15	4.19	Apr. 27	1.09		
		Aug. 9	Sept. 2	25	3.59	..	..	..	..	Aug. 17	.52		
		Sept. 10	Sept. 24	15	3.86	..	..	..	..	Sept. 19	1.11		
Co. Antrim ..5	Ballymena (Harryville)	May 1	May 16	16	3.19	..	..	..	..	May 1	.72		
		July 23	Aug. 6	15	2.88	..	..	..	..	Aug. 1	.68		
		Aug. 10	Sept. 1	23	5.20	Aug. 10	Aug. 31	22	5.17	Aug. 20	.56		
		Sept. 6	Sept. 24	19	3.80	..	..	..	..	Sept. 22	.72		
		Nov. 21	Dec. 5	15	3.80	..	..	..	..	Dec. 3	.49		
Co. Tyrone ..3	Omagh (Edenfel)	6.xii.23	Jan. 4	30	4.15	..	..	..	..	27.xii.23	.65		
		Jan. 6	Jan. 28	23	3.67	..	..	..	..	Jan. 16	.37		
		Apr. 23	May 7	15	3.34	..	..	..	..	Apr. 24	.57		
		Aug. 10	Sept. 2	24	5.58	Aug. 10	Aug. 24	15	3.95	Aug. 20	.94		
		Sept. 7	Sept. 24	18	4.02	..	..	..	..	Sept. 7	.88		
Co. Donegal ..3	Milford (The Manse)	Jan. 9	Jan. 24	16	2.74	Jan. 9	Jan. 24	16	2.74	Jan. 9	.40		
		Apr. 20	May 7	18	4.12	..	..	..	..	Apr. 25	.72		
		Aug. 10	Sept. 2	24	5.42	Aug. 10	Aug. 31	22	5.38	Aug. 20	1.09		
		Nov. 21	Dec. 7	17	3.90	..	..	..	..	Nov. 26	.95		
Co. Donegal ..5	Killybegs (Rockmount)	14.xii.23	Jan. 3	21	7.07	..	..	..	..	25.xii.23	1.62		
		Jan. 10	Jan. 24	15	4.64	Jan. 10	Jan. 24	15	4.64	Jan. 10	.69		
		Aug. 10	Sept. 2	24	8.91	Aug. 10	Sept. 2	24	8.91	Aug. 28	1.01		

* At least 15 days, each credited with .01 in. or more.

† At least 15 days, each credited with .04 in. or more.

5. DURATION OF RAINFALL IN 1924.

The duration of rainfall is estimated by the examination of the records from autographic gauges. The matter is complicated, however, by the fact that it is on occasion difficult for anyone to decide whether it is raining or not ; on the autographic records the transition between the part of the trace which represents appreciable rain and the part which does not is necessarily vague. To turn the difficulty the convention has been adopted that the total duration of rainfall is not to be determined, but only the duration of rainfall the rate of which is at least the tenth of a millimetre per hour, i.e., 0·004 in. per hour. The tabulations at all the official stations are made according to this convention. Some of the other observers having found that their system of tabulation leads to results not far different from the standard method have not yet adopted it. In Tables XII and XIII the sign § is used to indicate that the tabulations are according to the standard method. The sign D used in the corresponding tables previously is no longer printed as the daily readings are in all cases in the possession of the Meteorological Office.

Four autographic gauges were in use at Felixkirk during the whole year. The records from two of these, the Halliwell and the Hyetograph Mark IV, have been tabulated. As will be seen from the table the differences in the estimates of duration amount to 27 hours in the whole year. The estimates based on the Halliwell records can be given with greater confidence on the whole because the charts with their open scales are more easily read. On the other hand, the Hyetograph shows more precisely the time of cessation of rain. Apparently the rain takes less time to drain from the funnel.

The Plymouth records are in good agreement on the whole. It has been remarked previously that the amount of rain measured in the gauges at Cattewater and the Hoe are less than at Freedom Park, the gauges at the latter station having the best exposure. This is why the computed rates of rainfall, ·053, ·049 and ·060 in. per hour show considerable discrepancies.

The greatest duration of rainfall for the year was 1,489 hours or 4·07 hours per day at Blackwater Dam on the borders of Argyll and Inverness in Glenleven, 1,072 feet above sea level, but this was much less than the duration in the previous year, viz., 1,914 hours. At Eskdalemuir in Dumfriesshire and at Glenedra Lodge, near Londonderry, other high stations, there was also a considerable drop in the duration. On the other hand, at Cray Reservoir, belonging to the Swansea Waterworks, there was an increase, 1,470 hours being the duration in 1924, 1,355 hours in 1923.

The minimum rainfall duration for the year 1924 occurred in Nottinghamshire, the estimate for Hodsock Priory in the north of the county being 496 hours whilst that for Trent Lane in the City of Nottingham was 498 hours.

The mean rate of rainfall, shown in Table XIII, is computed by comparing the total rainfall for the month or year with the duration shown in the previous table. In general the highest figures in Table XIII refer to the summer months. One of the highest is credited, however, to February. At Valencia Observatory, County Kerry, the rainfall for that month was 3·61 inches while the duration was 32·1 hours, so that the mean rate was ·112 inch per hour. The other extreme also occurred in the same month at Renfrew aerodrome where it took 50 hours for 0·29 inch to fall. There were two days with continuous drizzle, the 4th with 10·5 hours and the 17th with 15 hours. At Renfrew in the four days of March, the 21st to the 24th, 56 hours of rain yielded only 1·6 inches of rain. On the other hand it should be mentioned that except for these four days, there was no rain at Renfrew between March 3rd and April 7th. Renfrew and Cranwell tie as the stations with the most sluggish rainfall on the average, each having 3·5 inches per 100 hours of rain. At Valencia Observatory the average rate was more than double, being 7·8 inches per 100 hours.

It is of interest to examine the duration of the rainfall at different places on the same day. Following the precedent set in *British Rainfall, 1923*, the figures for some of the conspicuously wet days of 1924 have been set out in the following table. It will be seen that there are some striking contrasts. Whilst rain is falling all day long in one part of the British Isles, other parts are dry. Perhaps the most conspicuous example of this characteristic occurred on November 22nd. On that day there was no rain at all in the south of England and little in Scotland. The duration exceeded 12 hours in Lancashire and reached 23 hours at Haworth in the West Riding of Yorkshire. At Felixkirk to the east of the vale of York and only 44 miles from Haworth, it was rainless. On the same day there was only an hour of two of rain in the south of Ireland and at Londonderry, but at Armagh the duration was 15 hours.

Table XI. *Rainfall Duration. Certain Days in 1924.*

County.	Station.	Jan. 21	Jan. 22	Apl. 13	May 31	Jun. 1	July 27	July 28	Sep. 25	Oct. 21	Nov. 22	Dec. 4	Dec. 27
		hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs
London	Camden Square	12	13	7	7	4	10	10	5	10	0	6	10
Surrey.....	Croydon*	12	14	11	7	5	7	11	8	8	0	8	14
"	Kingston.....	10	10	10	5	4	12	9	9	7	0	5	8
"	Kew Observatory	13	13	10	6	5	9	7	8	10	0	4	9
Kent	Lympne*	10	6	8	4	1	3	10	3	10	0	9	15
Sussex.....	Eastbourne	7	9	8	7	5	5	9	4	6	0	2?	12
"	Hellingly*	9	10	10	6	5	4	12	9	11	0	11	16
Hampshire ...	Calshot*	9	5	13	5	3	6	7	15	8	0	6	13
"	Andover*	15	7	16	6	5	11	13	16	15	0	13	11
"	Petersfield	11	6	18	6	2	12	11	17	10	0	12	11
Middlesex	Palmers Green	13	12	10	7	5	9	8	5	10	0	5	10
Hertford	Rothamsted	13	10	13	6	9	13	9	6	14	0	10	6
"	Hitchin	15	14	12	5	8	10	10	6	15	1	8	8
Suffolk	Copdock	20	9	7	7	5	10	15	9	16	4	9	10
Devon	Plymouth Hoe*	11	9	20	4	1	13	7	6	11	0	15	11
Cornwall	Falmouth	14	3	17	1	†	13	5	1	5	0	13	7
Gloucester	Cirencester	13	8	13	13	11	15	6	13	16	0	10	11
Stafford	West Bromwich.....	9	8	11	13	11	7	5	6	10	0	9	6
"	Ashbourne	11	8	10	13	5	13	6	7	14	2	11	3
Lincoln	Cranwell*	11	22	9	10	14	12	16	7	15	1	8	9
Nottingham ..	Nottingham	6	8	9	14	11	15	8	5	17	†	7	3
"	Hodsock Priory	6	11	9	12	9	9	9	9	15	0	10	4
Cheshire.....	Bidston Observatory .	13	6	7	15	10	9	12	3	13	3	13	1
Lancashire....	Bolton	21	11	5	14	11	12	7	3	11	11	12	2
"	Leyland	17	11	8	14	9	12	10	1	11	18	11	4
"	Southport†	15	13	†	11	13	7	15	5	12	7	9	8
"	Lancaster	14	10	6	14	11	7	6	1	11	19	12	6
Yorks, W.R. ..	Haworth	10	12	9	19	10	9	12	13	11	23	12	5
"	Earby	7	9	4	12	11	7	7	2	7	22	11	4
"	Skipton	10	13	3	19	12	9	11	7	9	17	12	6
" N.R.	Felixkirk (Hyet. 182)	8	14	9	11	9	5	18	9	11	0	11	1
Glamorgan ...	Swansea	22	5	14	10	7	11	4	2	1	5	11	6
Brecon	Cray Reservoir	13	11	21	12	13	11	8	8	3	11	17	9
Flint	Sealand*	15	7	12	14	8	16	16	5	14	3	11	2
Anglesey.....	Holyhead*	14	7	5	9	8	9	6	2	5	13	12	1
Dumfries	Eskdalemuir*	18	19	3	7	3	11	12	0	1	11	13	4
Berwick	Swinton House	4	4	0	16	5	3	20	0	†	3	9	†
Renfrew	Renfrew*	20	4	9	6	0	8	8	0	0	7	6	1
"	Greenock	21	2	4	2	0	6	5	0	0	4	7	†
Argyll	Blackwater Dam	8	6	8	†	0	0	7	†	0	1	6	8
Fife	Leuchars*	8	12	3	5	0	0	17	0	†	1	6	1
Aberdeen	Aberdeen*	7	10	3	0	1	0	14	0	2	0	8	†
Inverness	Laggan	6	4	3	2	0	0	9	3	0	1	4	1
Co. Cork	Cork	6	1	7	0	1	8	0	0	1	1	3	3
Co. Kerry	Valencia Observatory*	7	1	0	0	0	7	0	0	0	1	5	4
Co. Armagh ..	Armagh Observatory*	4	1	2	0	4	6	13	1	0	15	8	0
Co. Londonderry	Glenedra Lodge	10	3	9	4	2	15	9	0	0	2	3	1

* In these cases the values are for the period 7h. to 7h. G.M.T. (Otherwise the period is 9h. to 9h. G.M.T., except at Southport.)

† Data are for 24 hours ending at midnight.

† In these cases the duration of rainfall is small, being less than .5hr.

Italics indicate evaluations partly estimated.

Table XII.—Duration of Rainfall at 51 Stations in the British Isles during 1924.

County and River Division.	Station.	Pattern of Gauge.	ft. in. mm.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
				hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
§ London	St. Pancras (Camden Square)	Hyet.	111	62	11	17	61	36	35	57	40	48	62	52	59	540
§ Surrey	Croydon Aerodrome	Hyet.	245	82	17	22	66	50	38	48	42	54	59	74	78	630
§ "	Kingston Sewage Works	Casella	25	52	9	18	64	46	36	57	35	47	62	59	64	549
§ "	Richmond (Kew Obsy.)*	Beckley	20	75	13	20	62	43	38	51	41	53	69	54	56	575
§ Kent	Lympe Aerodrome	Hyet.	348	74	27	29	49	46	31	44	28	43	75	65	68	579
§ Sussex	Eastbourne (Motcombe Gdns.)	Hyet.	59	70	16	53	43	52	30	38	54	35	65	58	58	572
§ "	Hellingly (Burflow)	Hyet.	209	68	16	30	55	53	34	42	50	44	87	64	75	618
§ Hampshire	Calshot (Seaplane Station)	Hyet.	9	58	8	35	51	45	28	32	40	66	65	29	58	515
§ "	Andover Aerodrome	Hyet.	295	114	11	41	67	76	49	77	63	77	100	62	102	839
§ "	Petersfield (Stoner Hill)	Hyet.	749	76	14	38	66	59	35	53	49	80	77	46	91	684
§ Middlesex	Palmer's Grn. (Broomfield Pk.)	Casella	138	68	13	16	64	46	45	51	24	44	63	53	58	545
§ Herts.	Harpden (Rothamsted)	Hyet.	420	79	18	25	54	55	45	56	43	57	75	59	81	647
§ "	Hitchin (Chiltern Road)	Hyet.	298	72	15	21	49	54	35	53	37	54	71	63	72	596
§ Suffolk	Ipswich (Rookwood, Copdock)	Casella	164	72	43	19	45	47	33	44	47	42	76	70	51	589
§ S. Devon	Plymouth (Cattewater)	Hyet.	82	117	34	60	84	95	35	74	74	85	128	70	97	953
§ "	Plymouth (The Hoe)	Halliwell	117	116	32	60	81	93	34	74	74	85	127	68	96	940
§ "	Plymouth (Freedom Park)	Hyet.	208	118	37	62	80	96	34	75	75	87	129	70	97	960
§ Cornwall	Falmouth Observatory	Beckley	167	143	51	75	74	71	34	80	68	88	118	60	123	985
§ Gloucester	Cirencester (Dollarward Ho.)	Hyet.	366	96	12	33	55	75	50	72	58	75	99	35	83	743
§ Stafford	West Bromwich	Hyet.	543	52	9	21	55	53	27	40	47	51	66	26	56	503
§ "	Ashbourne (Mayfield House)	Casella	374	60	33	26	58	73	43	61	69	51	89	37	50	650
§ Lincoln	Cranwell Aerodrome	Hyet.	237	85	35	21	45	73	46	57	60	54	86	50	53	665
§ Nottingham	Nottingham (Trent Lane)	Halliwell	83	42	14	19	42	61	36	46	44	44	78	27	45	498
§ "	Workop (Hodsock Priory)	Halliwell	56	44	36	21	43	56	25	37	39	36	78	26	55	496
§ Cheshire	Birkenhead (Bidston Obsy.)	Osler	189	75	22	35	55	102	63	77	85	84	81	45	77	801

* Monthly values are for period ending 24 h. on last day.

§ In estimating the duration at this Station, falls at rates less than .004 in. per hour are neglected.

Table XII.—Duration of Rainfall at 51 Stations in the British Isles during 1924—(con.).

County and River Division.	Station.	Pattern of Gauge.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		ft.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
§ S. Lincs.....3	Bolton (Queen's Park)	342	99	46	40	59	105	60	77	116	72	95	42	91	902
§ C. Lincs.....2	Leyland (Worden Hall)	125	85	28	38	50	97	70	85	99	79	87	49	89	866
§ ".....3	Southport (Hesketh Park)* ..	39	70	18	28	44	79	59	68	82	79	68	32	76	703
§ N. Lincs. ....4	Lancaster (Greg Observatory)	312	95	20	39	44	107	63	67	83	79	84	48	102	831
§ W.R. Yorks ..9	Haworth (Lower Laithes Res.)	772	79	33	41	64	119	43	92	87	81	89	64	99	891
§ ".....9	Earby (Sewage Works)	426	45	11	17	31	89	36	58	55	54	67	50	78	591
§ ".....9	Skipton (Town Hall)	367	76	29	31	49	128	48	76	79	98	99	58	105	876
§ N.R. Yorks. ..2	Felixkirk (Mount St. John) ..	542	46	41	25	39	82	34	56	56	38	74	29	56	576
§ ".....2	Felixkirk (Mount St. John) ..	542	43	35	25	38	77	33	53	52	38	74	27	54	549
Glamorgan ..3	Swansea (Victoria Park)	28	99	10	34	68	62	56	89	88	83	108	61	114	872
§ Brecon .....7	Cray Reservoir	1044	154	31	71	131	131	97	118	168	157	148	81	183	1470
§ Flint .....1	Sealand Aerodrome	17	74	27	30	66	101	52	95	87	67	92	39	73	803
§ Anglesey	Holyhead (Salt Island)	30	115	10	25	50	76	60	61	46	65	62	50	87	707
§ Dumfries.....5	Esksdalemuir Observatory* ..	794	183	56	49	95	130	91	118	130	119	117	96	185	1369
§ Berwick .....3	Swinton House	200	31	26	22	23	95	42	76	42	53	56	29	49	544
§ Renfrew .....2	Renfrew Aerodrome	36	126	50	60	63	128	57	86	94	103	86	81	125	1059
§ ".....3	Greenock (Prospect Hill)	200	130	39	48	71	100	71	78	84	99	66	75	129	990
§ Argyll .....4	Glenleven (Blackwater Dam)	1072	182	99	25	71	90	79	150	136	156	135	139	227	1489
§ Fife .....3	Leuchars	40	56	23	30	34	84	44	76	45	73	66	41	65	637
§ Aberdeen ....2	Aberdeen (King's College) ..	48	64	72	36	44	106	43	85	45	60	68	65	62	750
§ Inverness ....3	Laggan (Gergask)	870	88	84	52	30	51	26	80	107	89	61	47	100	815
§ Shetland .....3	Lerwick Observatory	269	76	70	59	88	71	62	66	42	76	67	71	116	864
§ Cork .....7	Cork (University College) ..	66	129	37	37	46	63	65	66	38	86	79	87	106	839
§ Kerry .....3	Valencia Observatory	42	92	32	30	41	53	67	62	61	93	79	76	111	797
§ Armagh .....5	Armagh Observatory*	196	128	31	42	53	77	62	85	91	92	63	65	75	864
§ Londonderry ..5	Glendra Lodge	950	143	86	40	125	163	75	126	154	138	77	92	115	1334

* Monthly values are for period ending 24 h. on last day.

† Dines Tilting Bucket used after 5th March, 1924.
§ In estimating the duration at this Station, falls at rates less than .004 in. per hour are neglected.

Table XIII.—*Mean Rate of Rainfall per hour during 1924.*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.
§ London	St. Pancras (Camden Square)	.044	.057	.043	.051	.088	.070	.100	.069	.054	.057	.048	.054	.061
§ Surrey	Croydon Aerodrome	.030	.039	.039	.057	.062	.056	.081	.083	.061	.059	.048	.052	.055
§ "	Kingston Sewage Works	.049	.059	.047	.059	.077	.083	.060	.073	.073	.059	.046	.048	.060
§ Kent	Richmond (Kew Observatory)	.033	.031	.042	.055	.056	.090	.074	.061	.055	.053	.042	.051	.054
§ Sussex	Lymington Aerodrome	.034	.032	.054	.054	.067	.055	.095	.096	.064	.071	.047	.058	.059
§ "	Eastbourne (Motcombe Gdns.)	.033	.037	.037	.060	.063	.065	.081	.077	.097	.089	.056	.084	.065
§ "	Hellingly (Burlow)	.043	.062	.054	.058	.072	.056	.083	.103	.072	.063	.058	.062	.065
§ Hampshire	Calshot (Seaplane Station)	.041	.048	.043	.051	.071	.087	.066	.053	.085	.060	.090	.069	.064
§ "	Andover Aerodrome	.028	.030	.025	.047	.052	.045	.062	.040	.049	.044	.048	.051	.045
§ "	Petersfield (Stoner Hill)	.049	.042	.058	.067	.076	.114	.085	.088	.079	.067	.083	.077	.074
§ Middlesex	Palmer's Green (Broomfield Pk.)	.040	.046	.055	.052	.066	.051	.088	.089	.072	.059	.045	.051	.058
§ Herts.	Harpden (Rothamsted)	.034	.034	.042	.054	.081	.041	.075	.054	.055	.052	.052	.045	.053
§ "	Hitchin (Chiltern Road)	.037	.045	.032	.057	.086	.056	.073	.066	.054	.053	.052	.041	.055
§ Suffolk	Ipswich (Rookwood, Copdock)	.031	.022	.031	.065	.102	.041	.083	.069	.070	.054	.035	.054	.054
§ S. Devon	Plymouth (Cattewater)	.051	.059	.033	.041	.050	.043	.071	.048	.050	.062	.065	.050	.053
§ "	Plymouth (The Hoe)	.049	.062	.033	.041	.050	.042	.068	.039	.046	.056	.064	.038	.049
§ "	Plymouth (Freedom Park)	.056	.055	.035	.053	.059	.061	.070	.052	.055	.070	.074	.064	.060
§ Cornwall	Falmouth Observatory	.040	.046	.040	.048	.048	.063	.087	.051	.045	.091	.081	.066	.059
§ Gloucester	Cirencester (Dollard House)	.044	.061	.048	.053	.094	.056	.065	.068	.057	.051	.067	.061	.060
§ Stafford	West Bromwich	.050	.055	.056	.049	.092	.119	.069	.061	.069	.053	.075	.061	.066
§ "	Ashbourne (Mayfield House)	.045	.034	.053	.047	.070	.072	.074	.059	.055	.054	.051	.058	.057
§ Lincoln	Cranwell Aerodrome	.021	.019	.025	.029	.036	.041	.035	.039	.039	.052	.024	.046	.035
§ Nottingham	Nottingham (Trent Lane)	.047	.058	.054	.034	.059	.043	.045	.055	.058	.048	.056	.055	.051
§ "	Worksop (Hodsock Priory)	.035	.034	.041	.033	.044	.040	.054	.081	.074	.052	.052	.041	.048
§ Cheshire	Birkenhead (Bidston Observatory)	.024	.024	.024	.032	.051	.033	.053	.059	.039	.041	.039	.041	.041

§ In estimating the duration at this Station, falls at rates less than .004 in. per hour are neglected.

Table XIII.—*Mean Rate of Rainfall per hour during 1924—(con.)*.

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
		ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.	ins. per hr.
§ S. Lancs.	Bolton (Queen's Park) .....	.038	.036	.050	.035	.058	.049	.061	.073	.065	.057	.058	.052	.054
§ C. Lancs.	Leyland (Worden Hall) .....	.038	.030	.037	.030	.053	.059	.061	.055	.053	.054	.041	.055	.049
§ "	Southport (Hesketh Park) .....	.037	.041	.042	.033	.055	.048	.061	.055	.060	.059	.047	.057	.052
§ N. Lancs.	Lancaster (Greg Observatory) .....	.043	.035	.043	.037	.061	.053	.054	.061	.069	.066	.062	.069	.057
§ W.R. Yorks.	Haworth (Lower Laithe Res.) .....	.047	.046	.041	.043	.052	.064	.047	.058	.058	.052	.062	.066	.054
§ "	Earby (Sewage Works) .....	.070	.065	.076	.055	.075	.082	.074	.090	.090	.065	.056	.066	.073
§ "	Skipton (Town Hall) .....	.035	.023	.029	.032	.041	.046	.048	.063	.037	.037	.036	.039	.040
§ N.R. Yorks.	Felixkirk (Mt. St. John) Halliwell .....	.044	.039	.045	.048	.058	.057	.045	.059	.066	.058	.058	.062	.054
§ "	Felixkirk (Mt. St. John) Hyet. (182) .....	.047	.046	.046	.050	.062	.058	.048	.062	.067	.058	.061	.064	.057
Glamorgan	Swansea (Victoria Park) .....	.059	.061	.063	.056	.054	.044	.080	.071	.067	.055	.072	.076	.064
Brecon	Cray Reservoir .....	.053	.043	.047	.056	.042	.049	.058	.050	.064	.065	.067	.083	.058
§ Flint	Sealand Aerodrome .....	.028	.025	.018	.023	.047	.033	.052	.046	.049	.037	.043	.036	.039
§ Anglesey	Holyhead (Salt Island) .....	.042	.060	.057	.056	.062	.047	.060	.068	.096	.053	.061	.055	.059
§ Dumfries	Eskdalemuir Observatory .....	.038	.025	.021	.041	.043	.034	.047	.051	.060	.039	.053	.061	.045
§ Berwick	Swinton House .....	.053	.027	.024	.035	.044	.043	.055	.073	.045	.053	.036	.049	.047
§ Renfrew	Renfrew Aerodrome .....	.037	.012	.014	.035	.031	.028	.035	.033	.042	.036	.035	.053	.035
§ "	Greenock (Prospect Hill) .....	.056	.029	.035	.048	.051	.046	.053	.045	.075	.062	.071	.087	.059
§ Argyll	Glenleven (Blackwater Dam) .....	.049	.049	.026	.066	.057	.050	.065	.040	.085	.051	.052	.089	.061
§ Fife	Leuchars .....	.039	.031	.028	.044	.043	.034	.057	.051	.060	.063	.034	.052	.047
§ Aberdeen	Aberdeen (King's College) .....	.033	.022	.031	.038	.045	.041	.063	.050	.074	.044	.039	.051	.045
§ Inverness	Laggan (Gergask) .....	.032	.036	.033	.060	.052	.111	.057	.045	.055	.047	.042	.065	.050
§ Shetland	Lerwick Observatory .....	.049	.047	.042	.045	.047	.037	.057	.049	.049	.058	.049	.038	.057
§ Cork	Cork (University College) .....	.062	.081	.035	.053	.058	.057	.058	.057	.068	.053	.069	.071	.061
§ Kerry	Valencia Observatory .....	.071	.112	.053	.075	.067	.074	.092	.080	.084	.069	.070	.088	.078
§ Armagh	Armagh Observatory .....	.026	.030	.031	.046	.053	.039	.053	.050	.058	.044	.040	.053	.044
§ Londonderry	Glenedra Lodge .....	.038	.035	.023	.034	.042	.045	.047	.045	.054	.038	.058	.067	.045

§ In estimating the duration at this Station, falls at rates less than .004 in. per hour are neglected.

6. HEAVY FALLS IN SHORT PERIODS IN 1924.

Since 1868 a section of *British Rainfall* has been devoted to a discussion of exceptionally heavy falls of rain during comparatively short periods of time. The subject is of great interest. To the municipal engineer who has to provide for the carrying away of storm water in sewers it is the one aspect of rainfall observation that matters.

Since 1908 intense falls have been classified as "worthy of notice," "remarkable" and "very rare," according as the duration and amount of rainfall came within the limits indicated in the following table or in the corresponding graphs.

Table XIV.—*Limits of Exceptional Falls.*

Minutes.	WORTHY OF NOTICE.		REMARKABLE.		VERY RARE.	
	Amount.	Rate per Hour.	Amount.	Rate per Hour.	Amount.	Rate per Hour.
	in.	in.	in.	in.	in.	in.
6 ....	.20	2.00	.43	4.30	.66	6.60
10 ....	.30	1.80	.65	3.90	1.00	6.00
15 ....	.43	1.72	.87	3.48	1.33	5.32
20 ....	.53	1.59	1.06	3.18	1.58	4.74
30 ....	.70	1.40	1.35	2.70	2.00	4.00
40 ....	.82	1.23	1.54	2.31	2.26	3.39
50 ....	.92	1.10	1.67	2.00	2.42	2.90
60	1.00	1.00	1.75	1.75	2.50	2.50
90	1.15	.77	1.89	1.26	2.60	1.73
120	1.23	.61	1.94	.97	2.65	1.33

The classification was based (in the main) on observations with ordinary gauges by observers who reported the total duration of the heavy rainfall and the corresponding amount.

In Table XV are given particulars of falls recorded in 1924, which reached at least the intensity reckoned "worthy of notice." Not more than one entry is made for the same shower for any one station. The entry gives the greatest amount falling with an average intensity "worthy of notice" on that day. Further details will in some cases be found in the following "chronicle" and in the footnotes at the end of the table. Intense falls of less duration than 5 minutes have not been included in the table since it is realised that in these cases the error may be relatively very large and that in general they are not of practical importance. Some of these intense falls in periods of less

than 5 minutes, which have been reported during the year and estimated from the traces of recording rain-gauges, are set out below as a matter of interest :—

Norfolk	..	1	Norwich (Ipswich Road)	..	May 19	·25 in. in 2 min.
London	..	2	South Kensington	..	July 22	·39 " " 3 "
Argyll	..	4	Glenleven (Blackwater Dam S.)	Sept. 28	·32 " " 3 "	
Argyll	..	4	Glenleven (Blackwater Dam S.)	Sept. 15	·20 " " 3 "	
C. Lancs	..	2	Leyland (Worden Hall)	..	June 19	·35 " " 4 "
Londonderry	5		Glenedra Lodge	..	Dec. 29	·18 " " 4 "

In accordance with custom the geographical distribution of the heavy falls of Table XV is given in the following summary. The autographic records have been separated here for the first time.

Number of Exceptional Rains of Two Hours' Duration or less.

		England and Wales.							British Isles.	Per cent. of records received.
		S.E.	S.W.	N.E.	N.W.	Total.	Scotland.	Ireland.		
1924	(a)	22	20	1	5	48	1	1	50	1·0
	(b)	6	2	0	1	9	1	1	11	0·3
	Sums	28	22	1	6	57	2	2	61	1·3
Average 1868–1923		15·5	7·2	4·3	2·0	29·0	2·1	1·3	32·4	1·0

(a) Observations made without autographic rain-gauges.

(b) Readings of autographic gauges.

It is clear that heavy falls "worthy of notice" were unusually frequent in 1924.

The Chronicle of Heavy Falls in Short Periods—1924.

The first noteworthy heavy fall of which we have knowledge was on *May 14th*. Thunderstorms occurred in London and neighbouring counties in the early hours of the morning. These were on the boundary between currents from the Mediterranean and the Bay of Biscay, in circumstances rather similar to those of the great midnight storm of July 9th and 10th, 1923. On this occasion (May 14th, 1924) the observer at Hampstead reported ·26 in. in 5 minutes.

On *May 18th, 19th* and *20th*, thunderstorms were very general over the British Isles. They were the typical summer storms which occur in an area of low pressure and slight air movement. On the 18th the principal storms were in the south of England; ·82 in. fell at Lambourn in 40 minutes. At North Petherton, near Bridgwater, there was a remarkable hailstorm which did considerable damage (see *Meteorological Magazine*, June, 1924, p. 104). The storms of the next day were in the Midlands and Eastern Counties. At Berkhamsted it was estimated that nearly 1 in. fell within 15 minutes between 5.25 and 5.40 p.m., summer time.* Nearly 2 in. fell in 2 hours at Ipswich. On the 20th the Midland Counties suffered again; Clifton Bury, in

* See *Meteorological Magazine* LIX (1924) p. 118.

Bedfordshire, having $2\frac{1}{4}$ in. in 2 hours ; Oving House, in Buckinghamshire, about 1 in. in about 50 minutes ; and Shillington, in Bedfordshire, about 2 in. in an hour.

On *May 29th* a line squall passed right across the south of England and the typical sharp showers marked its course. At Nailsworth, in Gloucestershire, the rainfall was no less than .62 in. in 12 minutes.

An account of the great storms of *May 31st* will be found on p. 50. We are concerned here to note that the rainfall of greatest intensity in the south of England was at Winchelsea, where 1.58 in. fell in 50 minutes, and at North Cadbury (Somerset) with 2.18 in. in 2 hours. The fall at Humber Rectory, near Leominster, 2.99 in. in $1\frac{3}{4}$ hours, ranks as "very rare." For Ludlow, where Mr. A. A. Barnes, having no autographic gauge, went to the trouble of taking readings at short intervals, the result of some of his observations is given at the end of Table XV.*

On *June 11th*, *17th* and *19th* there were some sharp showers associated with the passage of barometric depressions. More remarkable were the thunderstorms which occurred at Inveraray on *June 20th* and *24th*. The observers' remarks may be quoted : "On the 20th there was an exceptionally heavy hailstorm within an area of two miles which lasted for about an hour and a half, the streets and fields being flooded with water in a short time. At Auchnangoul, about three miles distance, no hail fell and the farmers were at work in bright sunshine. The same applies to the 24th, when the heavy rain was again very local."

Local thunderstorms on *June 21st* in the west of England should also be mentioned. At Mickleton, Gloucester, 1 in. fell in 45 minutes.

Heavy showers giving "noteworthy" intensity of short duration occurred on *July 5th*, *9th*, *12th* and *17th*. These were all associated with the passage of depressions.

On *July 21st* there were local thunderstorms in the west of England, the prelude to the heavy rainfall of the next day, *July 22nd*. A map of the distribution of rain for *July 22nd* will be found on p. 56. We quote here some of the more remarkable records :—

Wisley	..	..	..	2.03	in.	in	40 minutes.
				and 4.07	„	„	120 „
Guildford	..	..	..	2.39	„	„	57 „
Crawley	..	..	..	1.17	„	„	15 „
Weybridge	..	..	..	1.02	„	„	30 „
Cobham	..	..	..	0.75	„	„	30 „
South Kensington	..	..	..	0.39	„	„	3 „
				and 1.26	„	„	25 „

* See also *Meteorological Magazine* LIX (1924) pp. 106–107.

Special interest is attached to the South Kensington record*, as the estimate of time for the fall of $\cdot 39$ in. does not depend on the interpretation of a chart. Mr. A. G. W. Howard, who was watching from shelter the movement of the pen of the Negretti and Zambra syphon gauge, took the time for it to travel over the range of 10 mm., viz., 3 minutes. During this particular storm, ball lightning was observed at South Kensington. "Three balls were seen. They were close together and appeared the size of oranges. The edges were ill-defined and 'fluffy,' and the colour was a glistening white."

Local thunderstorms occurred on *July 29th*, *30th* and *31st*. In London there were two heavy showers on the *29th*. The second, in the afternoon, caused flooding of the Underground Railway near Aldgate.

August, though a wet month, was generally free from heavy downpours. It was, however, the month of the remarkable storm at Cannington. Before that, on the *13th*, $1\cdot 09$ in. fell in 30 minutes at Meltham, near Huddersfield. The Cannington storm which occurred in the early morning on *August 19th* is described in an article at the end of the volume. We have no estimate of the intensity for any period less than $4\frac{1}{2}$ hours. Dr. J. Glasspoole adopts the "conservative estimate" of 8 in. in 5 hours. As we reckon $1\frac{3}{4}$ in. in a single hour "remarkable" it was hardly to be expected that such an average rate would ever be maintained for as long as 5 hours. Four other exceptional falls are quoted for comparison in this article. Each of these occurred in or after 1912; it is curious that so many instances of such prolonged heavy rain should have been recorded in the last thirteen years and not previously. Later in the day of the Cannington storm, *August 19th*, there was a fall of $\cdot 45$ in. in 15 minutes in the Island of Sark. Other thunderstorms yielded $1\cdot 61$ in. in 2 hours at West Kirby, in Cheshire, on *August 22nd*, and $1\cdot 59$ in. in $1\frac{1}{2}$ hours at Bury St. Edmunds on the *31st*.

On *September 5th* there were storms which yielded about $1\cdot 04$ in. in 30 minutes at Peterborough, and $1\cdot 80$ in. in 45 minutes at Crewe. These storms seem to have been very local in character. On the other hand there were widespread storms associated with the depression which crossed the south of England on the *7th* and *8th*. St. Martins, Guernsey, had $1\cdot 50$ in. in 75 minutes. Abbotsbury, near Dorchester, $1\cdot 62$ in. in 60 minutes, and Tunbridge Wells $\cdot 58$ in. in 15 minutes (*Meteorological Magazine*, 1924, p. 210). At St. Keverne School, in Cornwall, the observer measured $2\cdot 56$ in. on *October 7th*, and reports

* See *Meteorological Magazine* LIX (1924) p. 154. An erratum in this article is to be noted. The fall of $1\cdot 26$ ins. in 25 minutes is not without precedent in London; $2\cdot 11$ ins. fell at Camden Square in 25 minutes on June 23rd, 1878, as mentioned on p. 151 of the same issue of the Magazine.

that "nearly all this amount fell in three hours." Under similar conditions 1 in. fell in an hour at Toormore, in Co. Cork, on *September 19th*; 1.32 in. in the hour at Alderney on the 25th; and 1.00 in. in 1 hour at Great Moulton Rectory, in Norfolk, on the 26th. In the last instance the heavy rain was not accompanied by any thunder or lightning.

Table XV.—*Heavy Falls in Short Periods in 1924.*

County and River Division.	Station.	Date.	Amount.	Duration.	Rate per Hour.
			in.	min.	in.
London ....2	Hampstead Observatory	May 14	.26	5	3.12
Hampshire .4	Broughton	June 17	.21	5	2.52
Middlesex ..2	Palmers Green (Broomfield Park)	May 13	.19	5	2.28
Londonderry 5	Glenedra Lodge	Sept. 29	.18	5	2.16
London ....2	St. Pancras (Camden Square)...	July 29	.37	6	3.70
Gloucester ..4	Mickleton (Bank House)	May 20	.37	7	3.17
Gloucester ..7	Cirencester (Dollarward House).	May 19	.45	7½	3.00
Gloucester ..7	Cirencester (Dollarward House).	May 31	.50	10	3.00
C. Lancs. ....2	Leyland (Worden Hall)†	June 19	.42	10	2.52
N. Lancs. ....3	Heysham Harbour.....	June 11	.40	10?	2.40?
Surrey ....6	Farnham (Shortheath Lodge) ..	May 29	.30	10	1.80
Gloucester ..3	Nailsworth (Three Corners) ...	May 29	.62	12	3.10
Sussex .....8	Crawley (The Beeches)	July 22	1.17	15	4.68*
Argyll .....4	Glenleven (Blackwater Dam S.).	July 12	.58	15	2.32
Kent .....4	Tunbridge Wells (Hawkenbury)	Sept. 8	.58	15	2.32
N. Lancs. ....2	Hawkshead (Highfield).....	July 26	.46	15	1.84
Channel Islands	Sark (Pointe Robert)	Aug. 19	.45	15	1.80
London ....2	Hampstead Observatory†	July 22	.98	16	3.67*
Oxford .....4	Benson Observatory	May 20	1.05	18	3.50*
Bedford ....3	Woburn (Crawley Mill Farm)...	May 20	1.06	20	3.18*
Hereford ...1	Kimbolton (Grantsfield).....	June 17	.78	20	2.34
Dorset .....2	Broadwindsor (Blackdown Ho.)	July 22	.75	20	2.25
Hereford ...1	Perrystone Court	May 19	.68	20	2.04
London ....2	South Kensington§	July 22	1.26	25	3.03*
Yorks. W. R.8	Meltham (Harewood Lodge)....	Aug. 13	1.09	30	2.18
Northampton4	Peterborough (Abbeyfields) ...	Sept. 5	1.04?	30	2.08?
Surrey .....5	Weybridge (Gower Road)	July 21	1.02	30	2.04
N. Devon ...3	Bideford (Chudleigh House) ...	July 21	.97	30?	1.94?
Surrey .....7	Chobham (The Manor House)..	July 22	.75	30	1.50
Hertford ...2	Berkhamsted Golf Club	May 19	1.34	35	2.30
Berkshire ...4	Lambourn (Clarionville).....	May 18	.82	40	1.23
Cheshire ....2	Crewe (Isolation Hospital).....	Sept. 5	1.80	45	2.40*
Gloucester ..4	Mickleton (Bank House)	July 21	1.00	45	1.33
Hertford ...4	Offley Vicarage	May 20	.94	45	1.25
Sussex .....6	Winchelsea (Road End)	May 31	1.58	50	1.90
Shropshire ...3	Church Stretton (Wolstaston)¶	May 31	1.01	55	1.10

* "Remarkable" fall.

† Leyland; of this rain as much as .35 in. fell in 4 minutes.

‡ Hampstead; the following measurements were also noted: .50 in. in 5 minutes and .80 in. in 10 minutes.

§ South Kensington; the following measurements were also noted: .39 in. in 3 minutes and 1.10 in. in 20 minutes.

¶ Wolstaston; the following measurements were also noted: .52 in. in 15 minutes, .77 in. in 35 minutes, and 1.29 in. in 115 minutes.

Table XV.—*Heavy Falls in Short Periods in 1924—(con.)*

County and River Division.	Station.	Date.	Amount.	Duration.	Rate per Hour.
			in.	min.	in.
Surrey .....6	Guildford (Abbotswood)	July 22	2·39	57	2·52*
Bedford ....3	Shillington (Windmill Lodge) ..	May 20	2·00?	60	2·00?*
Dorset .....3	Abbotsbury (West Street)	Sept. 7	1·62	60	1·62
N. Devon ...2	Filleagh (Castle Hill Gardens) ..	May 19	1·48	60	1·48
Dorset .....1	Sherborne Castle	May 31	1·44	60	1·44
Gloucester ..3	Cheltenham (High Street)	May 19	1·37	60	1·37
Channel Islands	Alderney (St. Anne's Rectory) ..	Sept. 25	1·32	60	1·32
Norfolk ....1	Great Moulton Rectory	Sept. 26	1·00?	60	1·00?
Dorset .....3	Lyme Regis (Boat Close)	Sept. 7	1·00	60	1·00
Cork .....6	Toormore (Altar Rectory)	Sept. 19	1·00	60	1·00
Channel Islands	St. Martins (Les Blanchés)	Sept. 7	1·50	75	1·20
Sussex .....6	Peasmarsh (Woodside)	May 31	1·32	75	1·06
Cheshire ....4	West Kirby (St. Andrews Vic.)	May 31	1·23	75	·98
Argyll .....11	Inveraray Castle Gardens	June 20	2·44	90	1·63
Suffolk .....5	Bury St. Edmunds (Hengrave Hall).	Aug. 31	1·59	90	1·06
Hereford ...1	Humber Rectory	May 31	2·99	105	1·71**
Surrey .....6	Wisley (R.H.S. Gardens)|| ....	July 22	4·07	120	2·03**
Bedford ....3	Shefford (Clifton Bury)	May 30	2·25	120	1·13*
Hertford ...3	Hoddesdon (High Street)	July 22	2·23	120	1·11*
Somerset....3	North Cadbury Court	May 31	2·18	120	1·09*
Buckingham 2	Ellesborough (The Springs) ...	May 20	1·94	120	·97*
Suffolk .....2	Ipswich (Dale Hall)	May 19	1·93	120	·97
Cheshire ....4	West Kirby (St. Andrews Vic.)	Aug. 23	1·61	120	·81
Somerset....3	Crewkerne (Merefield House) ..	May 31	1·38	120	·69
Cornwall ...3	St. Mellion Rectory	June 21	1·32	120	·66
Shropshire ..3	Ludlow (Spring Field)††	May 31	2·68	150	1·07*

* "Remarkable" fall. ** "Very Rare" fall.

|| Wisley; the following measurement was also noted: 2·03 in. in 40 minutes.

†† Ludlow; the following measurements were also noted: ·61 in. in 10 minutes, ·65 in. in 12 minutes, 1·28 in. in 29 minutes, 2·19 in. in 49 minutes, 2·31 in. in 60 minutes, and 2·59 in. in 120 minutes.

7. HEAVY FALLS ON RAINFALL DAYS IN 1924.

In the preparation of this section of *British Rainfall* the rule is followed that every measurement of 2·5 in. or more in the rainfall day is mentioned and also every measurement of 7·5 per cent. of the total for the year. By using the double criterion we draw attention to the falls which are noteworthy when judged by the standard appropriate for the dry districts, as well as to the falls which would be remarkable anywhere. The largest of the daily falls are usually found in normally wet mountainous regions in the west of the country, while the largest percentage falls occur most frequently in central districts. The former are evidently the result of orographical influences, while the latter are usually associated with summer thunderstorms which, as is well known, occur more frequently inland.

Attention should be called to the fact that the ultimate purpose of examining heavy falls on rainfall days is the study of individual showers, and that it is the routine of observing daily at 9 a.m. which ties us down to the consideration of falls on rainfall days. Fortunately the great majority of heavy showers do not last more than a few hours, while on the other hand two successive heavy falls are usually separated by a considerably longer interval of time ; hence the selection of the rainfall day for this study is not often a serious disadvantage. Occasionally, however, a heavy fall is distributed in time both before and after 9 a.m., so that the fall is measured partly on one day and partly on the next, or a shower may last for more than 24 hours, or again, more than one heavy shower may fall in the rainfall day. These cases are not adequately dealt with by the consideration of falls on single rainfall days.

A table showing the absolute highest daily rainfall and the absolute highest percentage for each year from 1865 to 1921 was published in *British Rainfall*, 1921, p. 86. The latter portion of the table is reproduced here, and the values for 1922, 1923, 1924, have been added to complete it. This portion includes the largest figures of the complete table, both as to amount and percentage ; these figures are printed in heavy type.

TABLE XVI.—*Maximum Daily Fall and Maximum Percentage, 1913 to 1924.*

Year.	ABSOLUTE HIGHEST RAINFALL.				ABSOLUTE HIGHEST PERCENTAGE.				Year.
	Depth	Per cent.	Station.	Div.	Per cent.	Depth.	Station.	Div.	
1913..	<i>6·06?</i>	26·0?	Doncaster Pumping Station.	9	26·0?	<i>6·06?</i>	Doncaster Pumping Station.	9	1913
1914..	6·35	4·1	Pen-y-Gwryd	11	14·8	3·35	Upminster	4	1914
1915..	7·06	19·7	Dalcross	18	19·7	7·06	Dalcross	18	1915
1916..	8·20	5·7	Kinlochquoich	18	13·1	3·91	Portland Bill	5	1916
1917..	9·56	..	Bruton	5	21·8	8·39	Aisholt	5	1917
1918..	4·95	9·2	Douglas	11	12·3	3·36	Woodsetts Grange....	9	1918
1919..	4·50	5·9	Corran	15	11·1	3·57	Ayr Cemetery	15	1919
1920..	6·81	5·4	Dungeon Ghyll	10	15·6	4·69	Elkington Hall	7	1920
1921..	6·10	5·2	"	10	21·3	3·15	Pulham	4	1921
1922..	5·14	5·6	Ardgour House	15	16·5	4·70	Doncaster, Carr Ho. Hospital.	9	1922
1923..	5·57	3·9	Llechwedd Quarry...	11	11·6	4·16	Rugeley, Brindley Bk.	6	1923
1924..	9·40	19·5	Cannington, Brymore	5	19·5	9·40	Cannington, Brymore.	5	1924

The largest entry in each column is shown in heavy type and the smallest in italic type.

The limit of 4 in. in the 24 hours was exceeded on many occasions during the year. The 20 greatest amounts are set out in Table XVII, which contains, however, not more than one entry for any station. The remarkable fall at Cannington, 9·40 in. on August 18th heads the list (*see also* p. 246). This amount just falls short of the record of 9·56 in. at Bruton in 1917. Table XVII gives also particulars of the 20 largest daily falls expressed as percentages of the total for the year. The entries refer mostly to the remarkable thunderstorm of May 31st, particulars of which will be found below. There are two entries in connection with the local fall at Cannington.

TABLE XVII.—*The largest Daily Rainfalls and the largest Daily Percentages in 1924.*
Largest Falls.

Date.	Div.	Station.	Depth.	Per cent. of Year.	Total for Year.
			in.	%	in.
Aug. 18	V	Cannington (Brymore)	9·40	19·5	48·32
Dec. 26	X	Buttermere (Hassness)	6·05	4·1	146·23
Aug. 18	V	Cannington (Ashford House)	5·60	..	..
May 31	XI	Hanmer (Gredington)	5·31	13·8	38·44
Dec. 26	X	Patterdale (Greenside Mine)	5·00	5·1	97·25
Dec. 12	XVIII	Loch Quoich (Kinlochquoich)	4·70	4·0	116·57
Dec. 12	XXII	Delphi Lodge	4·62	3·9	119·16
Dec. 12	XXII	Aasleagh House	4·50	3·8	117·69
Aug. 18	V	Cannington (Ashford)	4·50	10·6	42·27
Sept. 16	XI	Blaenau Festiniog (Llechwedd Qr.) ..	4·37	3·7	119·45
May 31	VI	Ludlow (Springfield)	4·34	10·2	42·65
Dec. 12	XV	Glenleven (Kinlochleven)	4·30	4·6	93·11
Dec. 29	X	Buttermere (Hassness)	4·30	2·9	146·23
Sept. 16	XI	Blaenau Festiniog (Oakley Qr.)	4·29	3·7	116·65
Dec. 12	XV	Glenleven (Blackwater Dam S.)	4·13	4·5	90·96
Dec. 26	X	Rydal (The Stepping Stones)	4·12	4·7	87·91
May 31	VI	Myddle (Marton Hall)	4·10	10·9	37·58
May 31	VI	Ellesmere	4·10	11·3	36·16
Dec. 26	XX	Kilgarvan (Inchamore)	4·09	..	..
May 31	X	Sunderland (Southwick Cemetery) ..	4·08	10·7	38·08

Largest Percentages.

Date.	Div.	Station.	Per cent. of Year.	Depth.	Total for Year.
			%	in.	in.
Aug. 18	V	Cannington (Brymore)	19.5	9.40	48.32
July 21	VI	Maer Hall Gardens	15.0	3.14	20.92
May 31	XI	Hanmer (Gredington)	13.8	5.31	38.44
May 31	VI	Shrewsbury (Coton Hill)	12.0	3.43	28.60
May 20	III	Shefford (Clifton Bury)	11.6	3.81	32.74
July 22	II	Wisley (R.H.S. Gardens)	11.3	4.07	36.02
May 31	VI	Ellesmere	11.3	4.10	36.16
May 31	X	Sunderland (Cleaton Pumping Stn.) ..	11.3	3.31	29.27
May 31	VI	Myddle (Marton Hall)	10.9	4.10	37.58
May 31	VI	Shrewsbury (Fitz Rectory)	10.9	3.71	34.11
May 31	X	South Shields (Bents Park)	10.9	3.35	30.64
May 31	VI	Bewdley (C.E. School)	10.8	3.99	36.87
May 31	X	Sunderland (Southwick Cemetery) ..	10.7	4.08	38.08
May 31	VIII	West Kirby (Caldy Manor)	10.7	3.60	33.78
Aug. 18	V	Cannington (Ashford)	10.6	4.50	42.27
May 31	X	Tynemouth (Tyne Pier Works)	10.6	3.12	29.42
May 31	VI	Shrewsbury (Radbrook Hall)	10.4	3.38	32.46
May 31	X	Chester-le-Street (Biddick Hall)	10.3	3.36	32.55
May 31	VI	Ludlow (Springfield)	10.2	4.34	42.65
May 31	VI	Kidderminster (Brinton Park)	10.2	3.57	35.00

The Table below shows the numbers of falls exceeding certain limits observed during each of the years 1915 to 1924. The striking feature of this Table so far as 1924 is concerned is the relatively small number of heavy falls in Ireland.

Comparison of Heavy Daily Rainfalls.

		No. of Records.	Falls of 7.5 per cent. or more.	Falls of 3.00 in. or more.	Falls of 4.00 in. or more.
			Per cent. of total.	Per cent. of total.	No.
<i>England & Wales</i> ..	1915	3,745	112 3.0	41 1.1	1
	1916	3,626	62 1.7	88 2.4	10
	1917	3,426	311 9.1	155 4.5	59
	1918	3,353	54 1.6	60 1.8	7
	1919	3,222	25 0.8	26 0.8	5
	1920	3,381	39 1.2	34 1.1	13
	1921	3,411	747 21.9	28 0.8	7
	1922	3,451	66 1.9	99 2.9	8
	1923	3,306	106 3.0	58 1.8	10
	1924	3,341	114 3.4	120 3.6	17
<i>Scotland</i>	1915	550	26 4.7	33 6.0	1
	1916	533	17 3.2	60 11.2	12
	1917	558	5 0.9	36 6.5	9
	1918	541	4 0.7	10 1.8	2
	1919	538	21 3.9	19 3.5	3
	1920	538	69 12.8	100 18.6	19
	1921	557	1 0.2	27 4.8	6
	1922	567	1 0.1	24 4.3	3
	1923	542	1 0.1	7 1.3	0
	1924	614	8 1.3	13 2.1	3

				No. of Records.	Falls of 7·5 per cent. or more.		Falls of 3·00 in. or more.		Falls of 4·00 in.
					No.	Per cent. of total.	No.	Per cent. of total.	No.
<i>Ireland</i>	..	..	1915	256	0	0	8	3·1	0
			1916	243	3	1·2	21	8·7	7
			1917	239	15	6·3	4	1·7	0
			1918	241	0	0	1	0·4	0
			1919	261	17	6·5	5	1·9	0
			1920	265	0	0	4	1·5	1
			1921	260	13	5·0	7	2·7	0
			1922	241	21	8·7	6	2·5	0
			1923	233	0	0	1	0·4	0
			1924	203	0	0	4	2·0	3
<i>British Isles</i>	..		1915	4,551	138	3·0	82	1·8	2
			1916	4,402	82	1·9	169	3·8	29
			1917	4,223	331	7·8	195	4·6	68
			1918	4,135	58	1·4	71	1·7	9
			1919	4,021	63	1·6	50	1·2	8
			1920	4,184	108	2·7	138	3·3	33
			1921	4,228	761	18·0	62	1·5	13
			1922	4,259	88	2·1	129	3·0	11
			1923	4,081	107	2·6	66	1·6	10
			1924	4,158	122	2·9	137	3·3	23

Chronicle.

In the tables included in the following account, a daily fall, which is the maximum fall for the year at the station, is indicated by Roman type ; other falls are in italics.

January.—A succession of deep depressions from the Atlantic causing gales and heavy rains was experienced in the first three weeks of January. Floods occurred in the south of Ireland and in the Thames Valley, while snow fell generally on January 8th to 10th.

January 11th.

Breconshire—Trecastle (Blaenau-hydfer) 2·56 in. or 2·9 per cent.

January 12th.

Cumberland—Buttermere (Hassness)..... 3·05 in. or 2·1 per cent.

January 13th.

Cumberland—Buttermere (Hassness)..... 2·52 in. or 1·7 per cent.

January 20th.

Co. Cork—Garinish Island..... 2·50 in. or 3·0 per cent.

A heavy fall of rain occurred in Scotland on the 26th. It was associated with the passage of a large depression, of which the centre moved from East of Iceland to Scandinavia during the rainfall day.

January 26th.

<i>Argyllshire.</i>			<i>Inverness-shire.</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Corran Lighthouse	2·83	3·6	Skye (Scalpay Island) ...	3·13	4·0
Ardgour House.....	2·71	2·9	<i>Ross and Cromarty.</i>		
			Butt of Lewis	2·50	6·9

February, March and April.—February and March were abnormally dry months over the British Isles and there are no heavy falls to chronicle ; April was dry in the North-eastern districts, but elsewhere the falls were in excess of the average. No heavy falls are, however, reported.

May.—May was a very wet month with numerous thunderstorms in various parts of the kingdom. At many stations possessing long series of observations the month was the wettest May on record.

May 9th.

<i>Cumberland.</i>			<i>Carnarvonshire.</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Buttermere (Hassness) ...	3·30	2·3	Snowdon (Llydaw Intake)	2·75	1·7

The thunderstorms of May 20th were accompanied by short heavy falls of rain, which caused considerable flooding and damage to crops in some of the eastern counties of England. At Woburn, Bedfordshire, 1·06 in. fell in 20 minutes, and at Benson, Oxfordshire, 1·05 in. fell in 18 minutes.

As noticed on previous occasions, the rain which fell during these thunderstorms was distributed roughly in parallel bands. Over the Chiltern Hills and East Anglian Heights there was a band where more than an inch was generally experienced, with a maximum exceeding 3 in. at Conington, Cambridgeshire. A second band is shown as a chain of isolated patches each with more than an inch of rain stretching from Gloucester to Northampton, while a third with patches of more than an inch was situated further to the north-west, in the counties of Worcester and Gloucester.

The distribution of pressure was favourable for the development of thunderstorms. A shallow and ill-defined depression lay over the channel and the north of France, and associated therewith, a warm south-easterly surface current flowed over southern and central England. Cloud observations indicated that in the upper atmosphere there was a steady south-westerly current, which was evidently associated with the main depression centered over the Atlantic, to the west of

France. This current would be a potentially cool current, and the thunderstorms were apparently due to the instability set up by the superposition of the two currents.

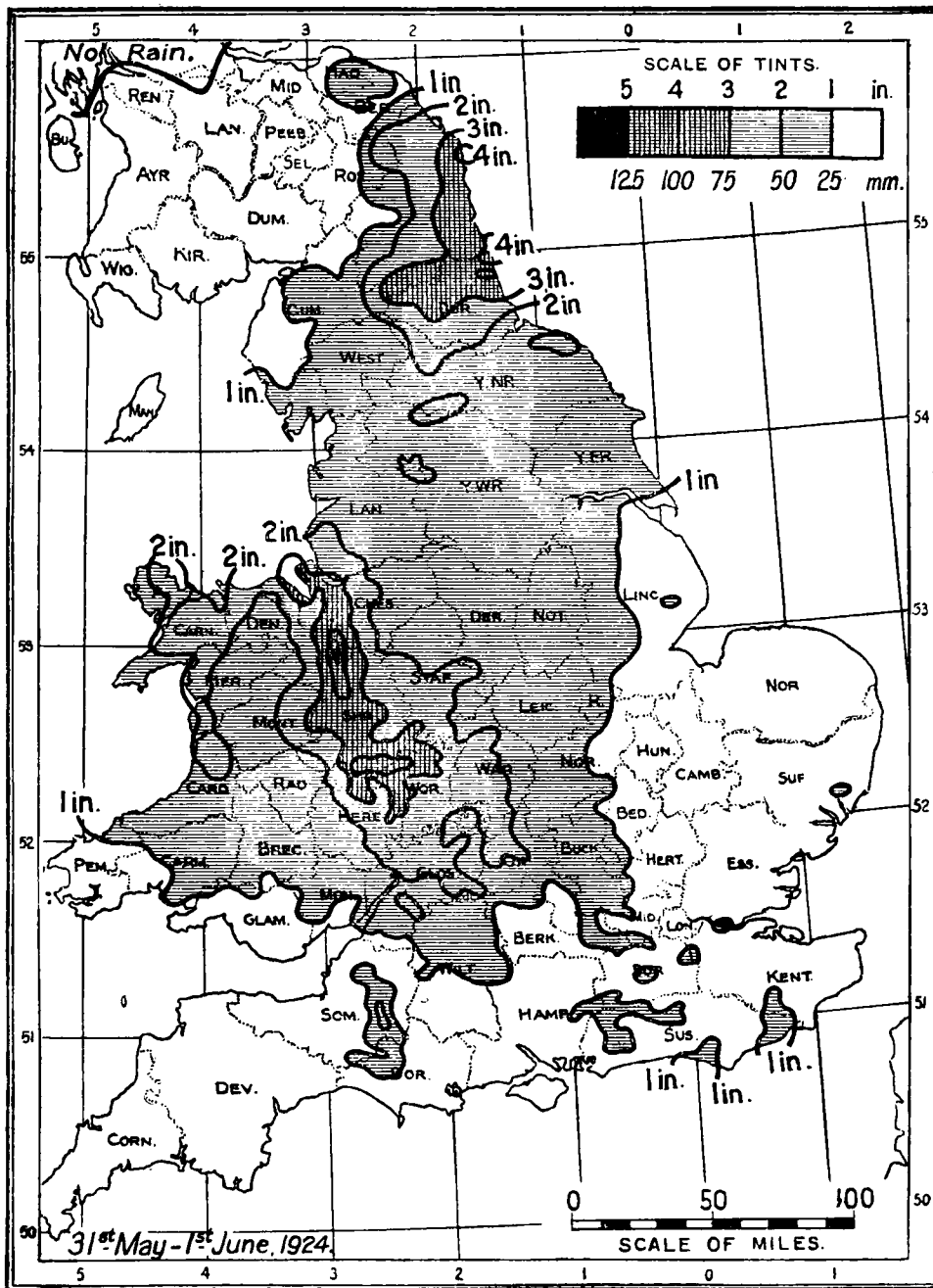
May 20th.

<i>Hertfordshire.</i>	<i>in. or %</i>	<i>Bedfordshire.</i>	<i>in. or %</i>
Holwell Rectory.....	2·86 8·4	Shillington (Windmill Lodge)	2·43 —
<i>Buckinghamshire.</i>		Shefford (Stondon Manor).	2·96 8·8
Weston Turville	2·76 7·9	Shefford (Clifton Bury) ..	3·81 11·6
<i>Huntingdonshire.</i>		Shefford Council School ..	2·51 7·6
Fenstanton (Yewhurst)...	2·33 8·7	<i>Cambridgeshire.</i>	
		Conington (Conington Hall)	3·30 9·5

The thunderstorms of May 31st and June 1st were associated with some of the most remarkable falls of the year. The long table which is given below shows how widespread was the distribution of heavy rain. Several falls round about 4 in. were reported for May 31st from stations in Shropshire, Worcestershire and from the neighbourhood of Sunderland. Further falls occurred generally on June 1st, but, considered separately, they do not qualify for special notice in this section. They were, however, more generally distributed over the country.

We reproduce maps showing the distribution of rainfall for the two days ending 9 a.m. on June 2nd, and the distribution of pressure on May 31st at 1 p.m., and on June 1st at 7 a.m. It will be seen that at 1 p.m. on May 31st a shallow "low," secondary to a depression out on the Atlantic, was situated over southern England and northern France. An observation of the direction of motion of upper cloud was made at Holyhead at that hour—it is shown as a dotted arrow on the pressure chart—and it indicates that there was a strong southerly current at high levels, evidently associated with the main depression. Rain was falling at some stations, as indicated by black dots. Temperature over France and in London was high (it is indicated by figures written on the map); further north the air was much cooler. During the night the secondary developed and at 7 a.m. next morning it appeared as a vigorous depression centred off Spurn Head, with an elongated trough extending north-eastwards from the centre. During the day this depression moved north-east, and by 7 a.m. next day it was centred over the Skager Rack.

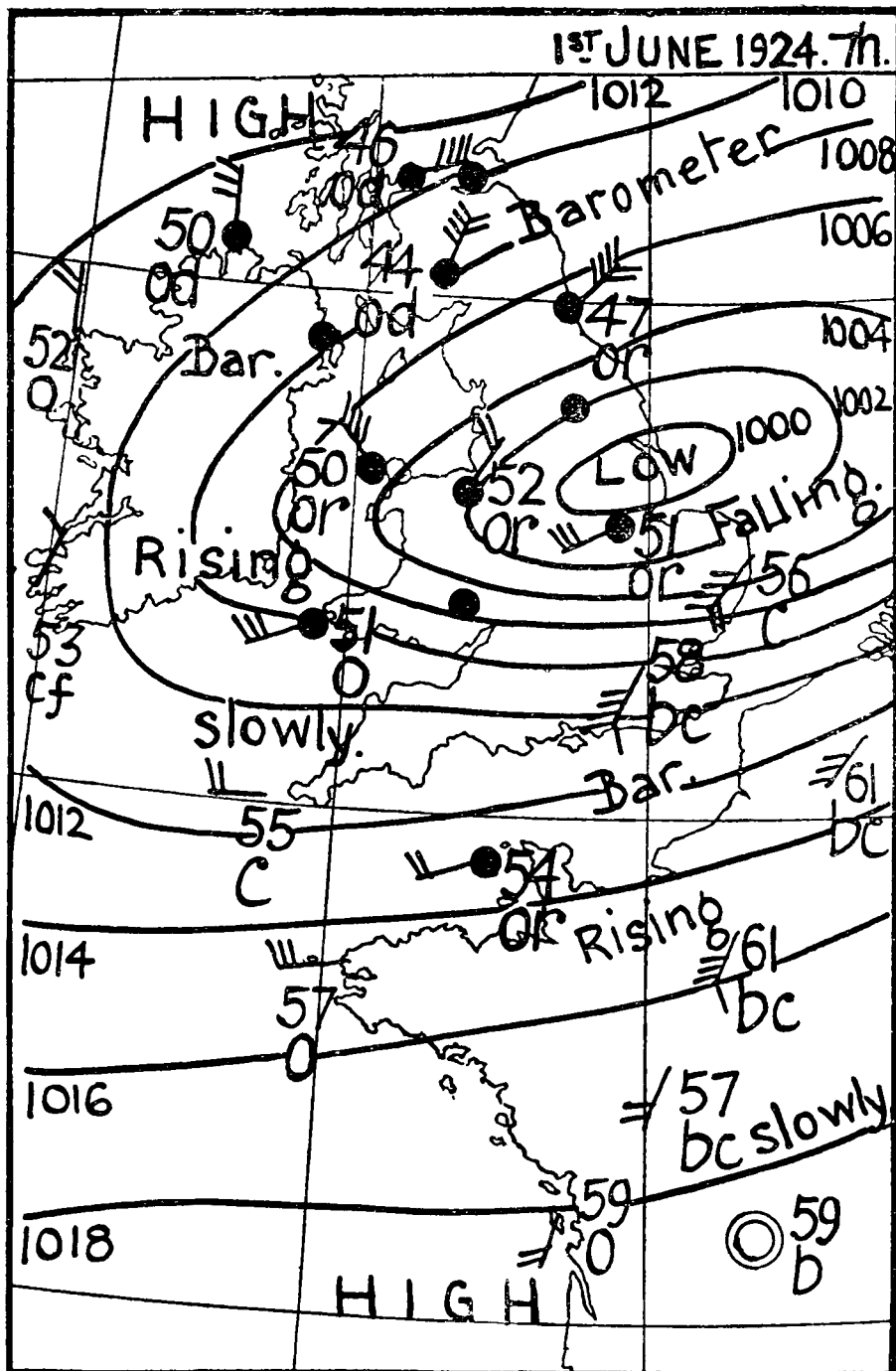
The distribution of rainfall for the two rainfall days, May 31st and June 1st, is shown in the map. The heaviest falls occurred along a broad band running north and south from Liverpool to Salisbury Plain, and in another band stretching north-eastwards from Lancaster to Newcastle. The main features of this distribution were determined on May 31st.



Rainfall, 31st May—1st June, 1924.

Severe floods were produced in many places along the belts of high rainfall. At Worcester the Three Counties' Agricultural Show had to be abandoned on account of the flood.

In the western counties the heavy rain commenced in the evening of May 31st and continued during the night with great intensity. In the Sunderland area, rain began in the early hours of May 31st and



Synoptic Chart, 1st June, 1924, 7h.

that the only station in the latter list without a single hour of rain was Valencia, in the south-west of Ireland.

Many observers report that all their records for daily rainfall were broken on this occasion.

May 31st.

<i>Somerset.</i>		<i>in. or %</i>	<i>Worcestershire—(con.).</i>		<i>in. or %</i>
North Cadbury Court ..	2.53	6.0	Knightwick Sanatorium ..	3.16	8.5
<i>Gloucestershire.</i>			Worcester (St. Johns Sch.)	2.50	7.1
Tewkesbury (Forthampton Court).	2.63	6.2	Martley Rectory.....	3.35	8.9
Gloucester (Northernhay).	3.10	8.0	Shelsley Grange	3.36	—
Gloucester (Llanthony Lock)	2.78	7.3	Stourport (Astley Town) .	3.25	8.9
Gloucester (Maisemore Lock)	3.13	8.1	Rochford Rectory	3.13	8.2
Tewkesbury Pumping Station.	2.85	7.9	Stockton-on-Teme (Eardiston).	3.62	9.7
<i>Herefordshire.</i>			Bewdley (Winterdyne) ...	3.60	9.8
Humber Rectory	3.75	8.8	Earl's Croome (Levant Lodge).	2.58	6.4
Kimbolton (Grantsfield) .	3.40	8.9	Worcester (Barbourne) ..	2.75	8.0
Leysters (Rosedale House)	2.69	6.7	Bromsgrove (Tardebigge Res.).	2.60	7.2
Colwall	2.51	6.2	Stourport (Lincombe Lock)	3.60	9.8
<i>Shropshire.</i>			Bewdley (C.E. School) ...	3.99	10.8
Whitchurch (Fenns Bank)	3.04	8.8	Kidderminster (Brinton Pk.)	3.57	10.2
Ashford House	3.54	7.4	Kidderminster (Park Hall)	3.08	8.4
Ludlow (Springfield)	4.34	10.2	Bewdley (Elan Aqueduct)	3.04	8.2
Bromfield (Oakley Park) .	2.80	6.8	Halesowen (Romsley) ...	2.90	7.4
Bromfield (Warwick House)	2.80	6.8	Pedmore (The Dene)	3.26	8.9
Stanton Lacy Vicarage ..	3.37	8.3	Stourbridge (Pumping Stn.)	3.73	9.9
Craven Arms (Culmington Manor).	2.60	6.6	Bromsgrove (Lower Bittal Res.).	2.56	6.9
Church Stretton (Sewage Works).	2.70	6.1	West Hagley (Glenthorpe)	2.60	7.0
Church Stretton (Watling Street).	3.32	7.2	<i>Warwickshire.</i>		
Church Stretton (West Leigh).	2.78	6.3	Long Compton (Weston Pk.)	2.68	7.6
Church Preen (Preen Cott.)	2.77	7.3	<i>Cheshire.</i>		
Church Stretton (Wolstaston)	3.16	7.2	Tarporley (Tirley Garth Gdns.)	2.50	7.1
Much Wenlock (Willey Pk.)	3.29	8.6	Ince Hall	3.17	8.0
Shrewsbury (Beckbury Ho.)	2.35	7.9	Hooton Water Works ...	2.72	7.6
Shrewsbury (Radbrook Hl.)	3.38	10.4	Eastham House	2.70	7.3
Shrewsbury (Coton Hill) ..	3.43	12.0	Eaton Hall Gardens	2.65	8.5
Shrewsbury (Fitz Rectory)	3.71	10.9	Eccleston.....	2.84	8.2
Grinshill (Sansaw Hall Gardens).	2.86	7.8	Rowton (Holly Bank) ...	3.31	8.9
Myddle (Marton Hall)....	4.10	10.9	Chester (Abbot's Park) ..	2.60	7.8
Dorrington School	3.00	8.0	Chester (Boughton)	2.96	9.2
Ellesmere	4.10	11.3	Chester (Waterworks) ...	2.90	8.9
<i>Worcestershire.</i>			Capenhurst Hall.....	2.61	6.6
Upton-on-Severn (Willow Bank).	2.84	7.1	Neston (Vine House)	2.90	8.7
Upton-on-Severn (The Eades)	3.01	7.8	Heswall (Gayton Cottage)	3.40	9.9
Malvern (Church Street) .	3.94	8.9	West Kirby (Caldy Mnr.)	3.60	10.7
Malvern (Belle Vue House)	3.97	8.7	West Kirby (Princes Av.)	3.32	9.6
Malvern (Free Library)...	3.81	8.9	West Kirby (St. Andrews Vicarage).	3.31	10.2
Malvern (Clarence Road) ..	3.92	9.4	Deeside Nursery.....	3.00	9.0
Malvern (Hornbyold Road)	3.60	8.6	<i>S. Lancashire.</i>		
West Malvern	3.63	8.4	Garston	2.81	6.2
			Garston (Grassendale Pk.)	2.50	6.5
			Liverpool (Rathbone Rd.)	2.70	6.0
			Liverpool (Lark Lane)....	2.75	6.6
			Liverpool (Newsham Pk.)	2.66	6.4

<i>Durham.</i>	<i>in. or %</i>	<i>Northumberland—(con.).</i>	<i>in. or %</i>
Barnard Castle (Bowes Museum).	2·60 8·0	Newcastle (Town Moor) ..	2·95 8·9
Barnard Castle (County School).	2·34 7·6	Newcastle (Wellburn, Jesmond).	2·75 8·5
Seaham (Dalton Pumping Station).	2·53 7·9	Tynemouth (Tyne Pier Works).	3·12 10·6
Bishop Auckland (N. Bondgate).	2·40 8·3	Tynemouth (Coastguard Station).	2·99 10·2
Durham Observatory	2·77 9·7	Whittle Dene (Newcastle W. W.).	2·25 7·8
Weardale W. W. (Tunstall Res.).	2·55 7·6	Whittle Dene Filters (Newcastle W. W.).	2·35 7·8
Chester-le-Street (Biddick Hall).	3·36 10·3	Morpeth (Ashington)	2·94 9·8
Ryhope Pumping Station.	2·90 9·0	Morpeth (Cockle Park) ..	2·84 8·6
Sunderland (W. Hendon House).	3·04 9·2	Acklington (Broomhill Colliery).	3·04 10·2
Sunderland (Cedars End) .	2·88 8·8	Howick Hall Gardens ...	3·07 9·2
Sunderland (Southwick Cemetery).	4·08 10·7		
Weardale W. W. (Smiddy Shaw).	2·59 7·2	<i>Flintshire.</i>	
Consett Park Farm	2·40 7·6	Hanmer (Gredington) ..	5·31 13·8
Chopwellwood (Armstrong College).	2·80 8·7	Overton (Fairleigh)	3·22 9·4
Sunderland (Cleaton Pump Station).	3·31 11·3	Hawarden (County School)	2·90 9·2
South Shields (Bents Park)	3·35 10·9	Northop (Soughton Hall)	3·28 9·8
West Hartlepool (Lynn St.)	1·80 7·9	Hawarden Bridge	2·46 7·6
		Mostyn Vicarage	2·64 7·7
<i>Northumberland.</i>		<i>Denbighshire.</i>	
Corbridge (Howden Dene).	2·33 8·8	Wrexham (Pack Saddle Res.).	3·29 8·4
Newcastle (Lit. & Phil. Soc.)	3·08 8·2	Wrexham (Plas Power Coll.)	2·88 8·9
Newcastle (Leazes Park)	2·68 8·0	<i>Carnarvonshire.</i>	
		Bethesda (St. Anne's Vic.)	2·54 3·8
		Brynrefail County School	2·77 4·2

June.—The rainfall of June 1st has just been dealt with. The heavy falls, particulars of which now follow, were both associated with strong westerly winds in the southern sectors of depressions.

June 10th.

Cumberland—Buttermere (Hassness)..... 2·57 in. or 1·8 per cent.

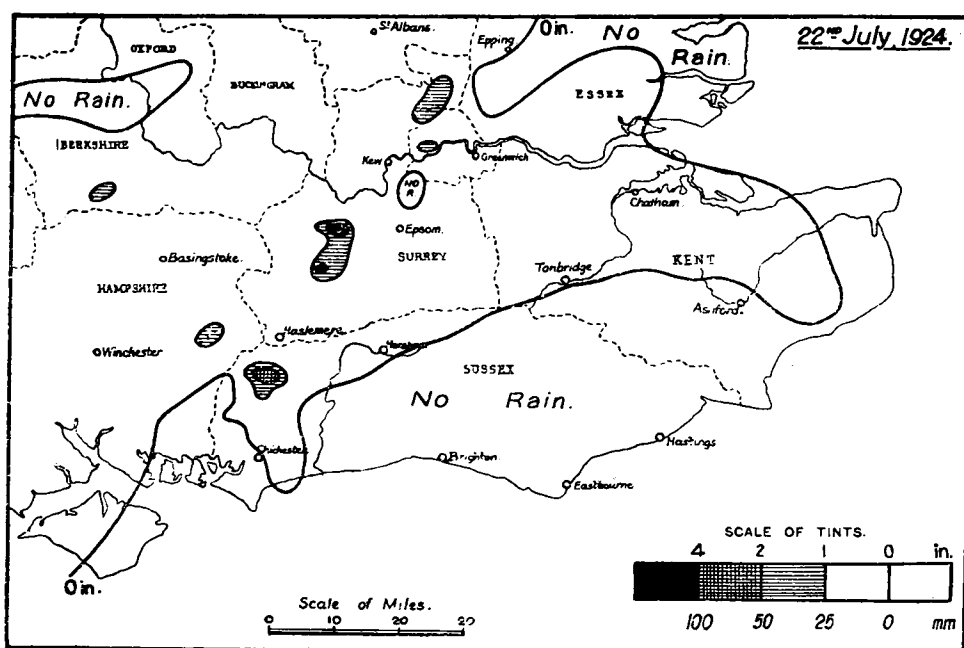
June 26th.

Argyllshire—Mull (Glencannel) 2·75 in. or 2·5 per cent.

July.—July was a wet and thundery month, and a number of relatively isolated but heavy falls occurred on six days of the month. That of July 6th fell in a west wind associated with a depression from the Atlantic. The heavy fall at Clacton on July 17th, fell during the night in an easterly wind in connection with a fast moving depression of which the centre passed eastwards along the south coast of England. Those of July 20th to 22nd were of the thunderstorm type associated with a shallow depression in the region of the English Channel. On

July 21st an area in the midland counties with more than an inch of rain was only about 15 miles in diameter, but in the middle of it there was a fall of more than 3 in. in the region between Stoke and Market Drayton.

There were serious floods in the Midhurst district on July 22nd, while the fall in London was very intense. Ball lightning was observed in London and at Woking. An account of this storm appears in the *Meteorological Magazine*, vol. 59, p. 152, 1924. The distribution of rainfall on July 22nd is shown on this page. The heavy rain occurred mainly in four small patches, near Midhurst, in Sussex, near Guildford and Woking, and in north London. Not far distant from these regions no rain fell:



Rainfall, 22nd July, 1924.

July 6th.

Cumberland—Buttermere (Hassness)..... 2·81 in. or 1·9 per cent.

July 17th.

Essex—Clacton-on-Sea..... 2·00 in. or 7·8 per cent.

July 20th.

Somerset—Brushford Rectory 2·50 in. or 4·3 per cent.

July 21st.

Cornwall.	in. or %	Staffordshire.	in. or %
Falmouth (The Crossways)	2·81 4·9	Maer Hall Gardens	3·14 15·0
Grampound (Creed)	2·83 5·0		
Bosahan (St. Martin-in-Meneage).	3·48 7·3		

July 22nd.

<i>Surrey.</i>	<i>in. or %</i>	<i>Sussex.</i>	<i>in. or %</i>
Wisley (R.H.S. Gardens) .	4·07 11·3	Midhurst (King Edward VII. Sanatorium).	2·99 7·5

Another depression over the English Channel was responsible for the falls on July 28th. Steady rain fell at many places (see Table XI).

July 28th.

<i>W. R. Yorkshire.</i>	<i>in. or %</i>	<i>Northumberland.</i>	<i>in. or %</i>
Ilkley (Beechwood Grove).	2·64 6·9	Kirknewton (Coldburn) ..	2·71 5·8

August.—August was generally a cool and dull month. The rainfall was remarkable for its frequency rather than for its amount.

A conspicuous exception to this statement, however, was the abnormal fall at Cannington, in Somerset, on the 18th. The usual table is given below, but for further details the reader should turn to p. 246. The heavy falls on the 12th, 20th and 22nd were of the thunderstorm type, and were in association with relatively deep depressions which persisted in the neighbourhood of the British Isles throughout the whole of this dull and cheerless month.

August 12th.

W. R. Yorkshire—Doncaster Pumping Station 2·27 in. or 8·5 per cent.

August 18th.

<i>Somerset.</i>	<i>in. or %</i>	<i>Somerset—continued.</i>	<i>in. or %</i>
Bridgwater (Wembdon Rd.)	2·50 6·0	Stogursey (Fairfield Ho.) .	4·03 9·4
Cannington (Ashford) . . .	4·50 10·6	Chilton Polden (West Ho.)	2·87 7·1
Cannington (Ashford Ho.) .	5·60 —	Holford (Dytche School) ..	2·91 —
Cannington (Brymore) . . .	9·40 19·5	Porlock Rectory	2·50 4·7

August 20th.

Carnarvonshire—Snowdon (Llydaw Intake) 3·17 in. or 2·0 per cent.

August 22nd.

<i>Aberdeenshire.</i>	<i>in. or %</i>	<i>Aberdeenshire—continued.</i>	<i>in. or %</i>
Ballater (Irrigation Farm)	2·95 7·6	Inverurie (Westfield)	3·25 10·1
Logie Coldstone School . .	2·75 7·5		

September.—This was a highly disturbed and wet month with numerous vigorous depressions affecting the weather. The fall of the 7th was of the thunderstorm type.

September 7th.

Glamorganshire—Glyncorrgw Colliery 2·93 in. or 3·1 per cent.

The falls of the 13th, 15th and 16th appear to have been of the orographic type, and were accompanied by strong south-west winds.

September 13th.

<i>Devonshire.</i>	<i>in. or %</i>	<i>Devonshire—continued.</i>	<i>in. or %</i>
Challacombe	2·65 3·9	Bratton Fleming Rectory.	2·59 —

September 15th.

Cumberland—Buttermere (Hassness) 3·25 in. or 2·2 per cent.

September 16th.

<i>Westmorland.</i>	<i>in. or %</i>	<i>Carnarvonshire.</i>	<i>in. or %</i>
Dungeon Ghyll	2.95 2.6	Snowdon (Cwm Dyli)	3.52 2.7
<i>Merionethshire.</i>		Snowdon (Llydaw Intake). .	3.54 2.2
Bl. Festiniog (Oakley Qr.)	4.29 3.7		
Bl. Festiniog (Llechwedd Qr.)	4.37 3.7		

The falls of the 19th and 20th were associated with two depressions, which rapidly crossed the country in two successive nights.

September 19th.

<i>Co. Cork.</i>	<i>in. or %</i>	<i>Co. Cork—continued.</i>	<i>in. or %</i>
Bantry House.....	2.75 4.1	Garinish Island	2.50 3.0

September 20th.

Cumberland—Buttermere (Hassness)..... 3.10 in. or 2.1 per cent.

A depression which passed eastwards along the channel was responsible for the heavy falls in Hampshire on the 25th. At Petersfield the rain fell for 17 hours. Falls of more than an inch of rain were comprised within an area bounded by lines drawn from Eastbourne to Stratford-on-Avon, thence to Hereford, and back to the south coast at Swanage.

September 25th.

<i>Sussex.</i>	<i>in. or %</i>	<i>Hampshire—continued.</i>	<i>in. or %</i>
Chichester (Good wood Gardens).	3.20 7.5	Bishops Waltham (Swanmore House).	3.32 6.7
<i>Hampshire.</i>		Droxford (Uplands)	2.82 6.3
Freshwater (Pumping Stn.)	2.57 7.0	Droxford (Fairfield House)	2.80 6.3
Hythe (Heathfield, Dibden)	2.50 5.9	Eastleigh (Fair Oak School)	2.53 6.9
Fareham (Fareham House)	2.68 7.0	Owlesbury Vicarage	2.74 6.6
Botley (Botley Hill)	2.72 6.6	Twyford (Pumping Stn.)	2.72 6.4
Curdridge (Beechcroft) ...	3.35 8.3	West Meon (Westwood) ..	2.86 6.1
Curdridge (Kitnocks Ho.)	3.15 7.7	West Tisted Manor	2.63 5.9
Swanmore (Holywell Ho.)	2.90 7.1	Ropley Vicarage.....	2.50 6.4
Soberton (Mislingford) ...	2.90 7.0	Ovington Rectory	3.12 6.8
BishopsWaltham(ParkHo.)	2.84 7.2	Ovington (Barley Down) .	2.78 6.6

The heavy falls on the 28th and 29th can be described as orographic, the wind being fresh or strong from the south-west generally.

September 28th.

<i>Cumberland.</i>	<i>in. or %</i>	<i>Co. Cork—continued.</i>	<i>in. or %</i>
Buttermere (Hassness) ...	2.50 1.7	Ballinageary (Inchibeg) ..	2.85 3.0
<i>Co. Cork.</i>		<i>Co. Kerry.</i>	
Garinish Island	2.60 3.1	Kilgarvan (Inchamore) ..	2.60 —

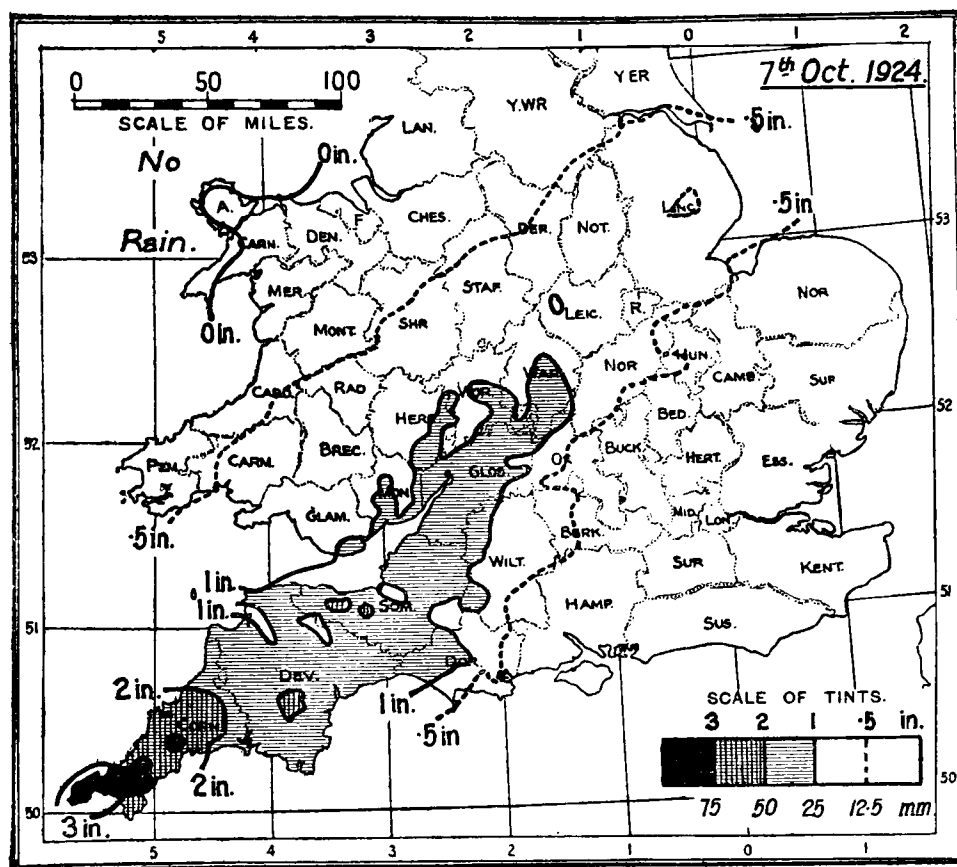
September 19th.

Stirlingshire—Duchray Valley (Comer) 2.55 in. or 2.9 per cent.

October.—This was a wet month in eastern and southern districts. The falls on the 5th were associated with a depression which passed from the eastern counties of England in a N.N.W. direction over the North Sea to Peterhead and beyond.

October 5th.

<i>Northumberland.</i>			<i>Morayshire.</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Ilderton (Lilburn Tower) .	2.20	7.8	Brodie (Earlsmill House) . .	2.30	7.6
Doddington Vicarage	2.25	8.5			
Kirknewton (Coldburn) . . .	3.09	6.7	<i>Nairnshire.</i>		
<i>Haddingtonshire.</i>			Nairn (Balblair)	2.54	8.6
Dunbar (Belhaven Hill) . .	2.24	8.5			
<i>Forfarshire.</i>			<i>Ross and Cromarty.</i>		
Arbroath (W. Cemetery) .	2.27	8.0	Fearn (Glamis)	2.21	8.3

**Rainfall, 7th October, 1924**

The distribution of rainfall for the 7th is shown above, while a weather chart setting out the distribution of temperature, pressure and wind at 7 a.m. on October 8th is reproduced on p. 60. The centre of the intense depression shown on the latter chart had moved eastwards along the English Channel during the previous afternoon and night, and subsequently it passed rapidly across the North Sea, being north of Denmark on the morning of the 9th. The area of heavy rain lay in a broad band to the northward of the track of the centre of the depression. The rain was of the "warm front" type, being produced by the passage of the warm moist southerly current from France and the Netherlands above the cool easterly current from the North Sea, the diminution of pressure of the air in the southerly current due to

October 7th.

<i>Devonshire.</i>	<i>in. or %</i>	<i>Cornwall—continued.</i>	<i>in. or %</i>
Bovey Tracey (Hedgebarton)	2·83 3·8	Penzance (Trengwainton House).	3·46 6·2
<i>Cornwall.</i>		Falmouth Observatory ..	3·27 5·6
Crowan (Camborne W. W.)	3·31 6·2	Falmouth (Trefusis).....	3·20 6·3
Hayle (Gwythian Road)..	3·30 6·5	Penryn (Ashfield)	3·26 5·7
Camborne (Roskear)	2·70 5·6	Falmouth (The Crossways)	3·45 6·1
Redruth (Trewirgie)	3·02 5·4	Gwennap (Trevince)	3·19 5·5
Newquay Reservoir	2·64 6·7	St. Day (Council School) .	3·19 5·0
Newquay (Mount Wise) ..	2·56 6·4	Truro (Tregolls)	3·26 6·1
Porthcurno	3·50 7·7	Truro W. W. (Lower Tre-	2·93 5·4
St. Keverne (Lanarth) ...	2·80 5·0	gurrow).	
St. Keverne.....	2·56 4·3	Grampound (Creed).....	2·97 5·3
Helston (Tenderah)	3·34 6·3	Altarnon Vicarage	2·55 3·7
Constantine (Pons-a-verran)	3·62 7·4	Pendennis Castle	2·80 6·3
Penzance (Morrab Gdns.)	3·22 7·3		
Penzance (Gulval)	3·50 —		

The fall of the 9th was associated with an extensive depression centred off Iceland, which influenced the weather after the passage of the intense depression just referred to, and it was probably orographical in character.

October 9th.

Merionethshire—Blaenau Festiniog (Llechwedd Qr.) ... 2·72 in. or 2·3 per cent.

Falls exceeding one inch occurred on the 21st in an area between the eastern counties of England and Lancashire, the maximum falls appearing in Northamptonshire. The distribution of pressure on this occasion was very similar in its main features to that of October 7th. The rainfall was steady and lasted about 12 hours or more in places (*see* Table XI). It was of the warm front type and fell through an easterly surface wind, as on the previous occasion.

October 21st.

<i>Northamptonshire.</i>	<i>in. or %</i>	<i>Northamptonshire—continued.</i>	<i>in. or %</i>
Wittering (Bone Mill)	2·03 7·8	Gretton School	1·80 7·5
Carlton Park Gardens ...	2·35 8·5		

The heavy rain on the 22nd at Blaenau Festiniog must have been very local, but it is confirmed by measurements at several stations in the mountain region of North Wales. Apparently it was associated with the final stages of the depression of the 21st. By the morning of the 23rd an anti-cyclone covered North Wales.

October 22nd.

Merionethshire—Blaenau Festiniog (Llechwedd Qr.) ... 3·20 in. or 2·7 per cent.

The heavy falls on the 29th were associated with a large and intense depression centred out on the Atlantic to the west of Ireland. The heavy rain fell in the south-west current and was probably in the main orographical in character.

October 29th.

<i>Carmarthenshire.</i>	<i>in. or %</i>	<i>Carmarthenshire—contd.</i>	<i>in. or %</i>
Llynfanfach (Waen Sychlwch).	2·64 2·4	Llynfanfach (Afon Sychlwch).	2·61 2·3

November.—The heavy falls on the 22nd were confined to the Lake District and the Pennine Range. The fall elsewhere over the British Isles was fairly general, except in the extreme south and south-west, but the amounts were unimportant. The duration of rainfall for this day was remarkable, varying between nil at southern stations to 23 hours at Haworth, Yorkshire (*see* Table XI). There were fresh or strong south-west winds blowing over the whole country and the occasion was apparently a somewhat curious example of orographical rain: there is, however, no explanation available at present of the absence of similar heavy rain on the mountains of Scotland and Wales.

November 22nd.

<i>N. Lancashire.</i>	<i>in. or %</i>	<i>Cumberland.</i>	<i>in. or %</i>
Duddon Valley (Seathwaite Vic.).	2.91 3.6	Buttermere (Hassness) ...	2.70 1.8
<i>W. R. Yorkshire.</i>		<i>Westmorland.</i>	
Ingleton (Kingsdale Head)	3.65 4.5	Rydal (High Close)	2.54 2.7
		Dungeon Ghyll	3.35 2.9

December.—The month was wet and stormy. The falls of December 3rd were associated with the approach of a very deep depression, the centre of which moved north-east over the Atlantic and passed beyond Iceland.

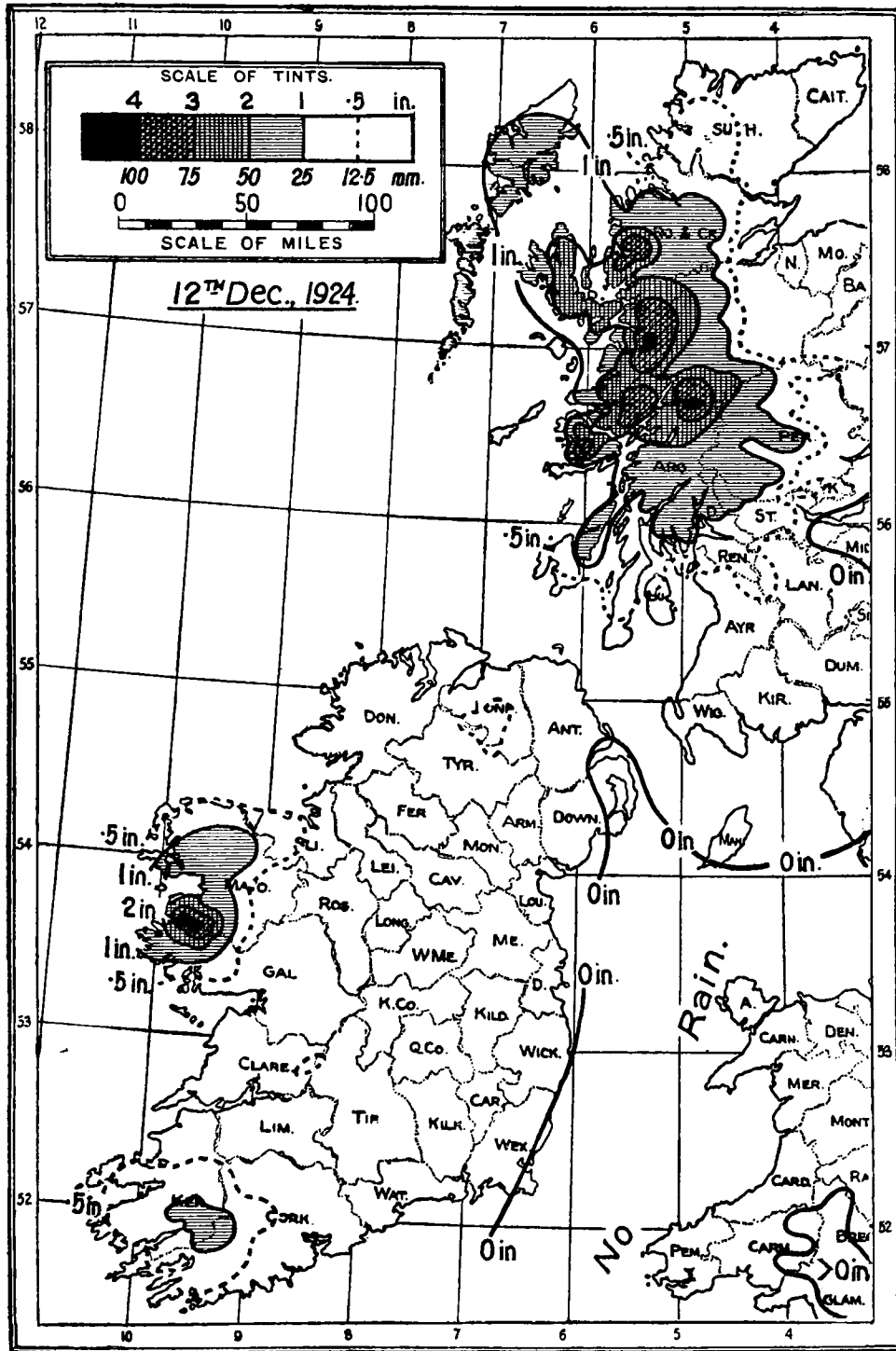
December 3rd.

<i>Co. Cork.</i>	<i>in. or %</i>	<i>Co. Down.</i>	<i>in. or %</i>
Garinish Island	2.65 3.1	Mourne Mtns. (Fofanny Res.).	2.50 3.9

Another deep depression of which the centre passed between Scotland and Iceland was responsible for the rainfall of the 12th, which fell with south to south-west winds of considerable strength. A map showing the distribution of the rainfall of this day is reproduced. It is interesting to note that while over four inches of rain fell in parts of the western Highlands of Scotland and in Connemara, no rain at all fell along the east coasts of Scotland or Ireland. There was no heavy rain at this time in the English Lake District.

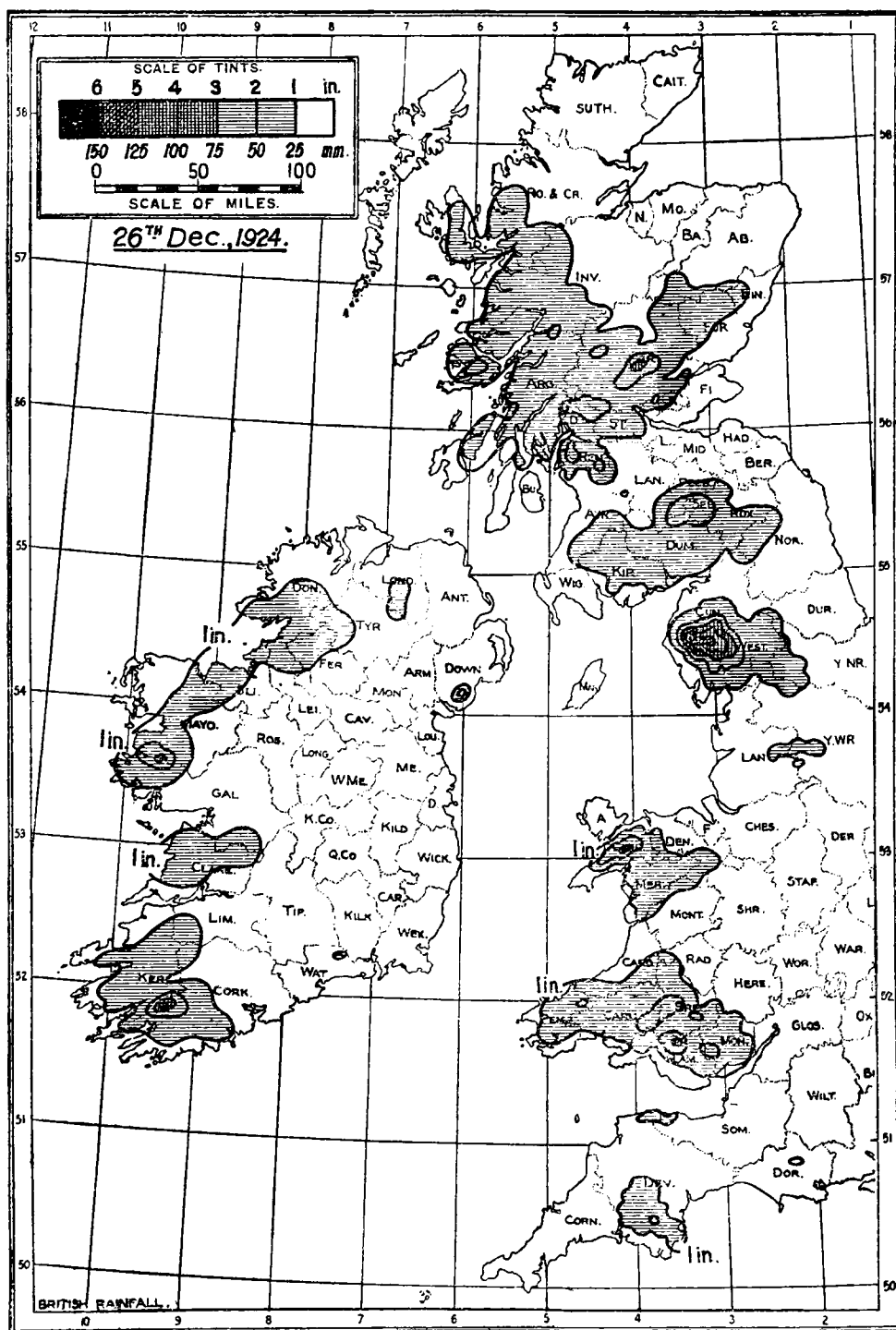
December 12th.

<i>Argyllshire.</i>	<i>in. or %</i>	<i>Inverness-shire—continued.</i>	<i>in. or %</i>
Morvern (Ardtornish)	2.66 2.8	Invergarry Gardens	2.50 4.0
Morvern (Kingairloch) . . .	3.70 3.6	Moidart (Kinlochmoidart)	2.67 3.7
Ardgour House	3.13 3.3	Glenleven (Blackwater	3.90 4.4
Duror (Achara)	2.75 3.9	Dam N.).	
Duror (The Rectory)	3.02 4.0	Kinlochleven (Kinlochmore	3.72 4.1
Glenleven (Bl'ckw'tr Dam S.)	4.13 4.5	Lo.).	
Glenleven (Kinlochleven)	4.30 4.6	Skye (Kyleakin, Dunrin-	2.75 4.1
Mull (Knock)	3.13 3.9	gell).	
<i>Inverness-shire.</i>		Skye (Scalpay Island) . . .	2.82 3.6
Loch Quoich (Kinloch-	4.70 4.0	<i>Co. Mayo.</i>	
quoich).		Aasleagh House	4.50 3.8
Loch Quoich (Glenquoich)	3.55 3.3	Delphi Lodge	4.62 3.9



Rainfall, 12th December, 1924.

The rainfall of the 22nd fell during a severe southerly gale. The isobars over the British Isles were roughly straight and trended from N.N.E to S.S.W.



Rainfall, 26th December, 1924.

December 22nd.

Carmarthenshire.
Llynfanfach (Afon
Sychlwch).

in. or %
2.86 2.5

Co. Kerry.
Kilgarvan (Inchamore) .. 2.68 —

A good example of mainly orographical rain occurred on December 26th. The winds were between south and west; they attained gale force in many parts, and were associated with a depression, the centre of which skirted our north-western and western coasts during Christmas Day and Boxing Day, passing north-eastwards. The distribution of the rainfall of December 26th is shown in the map. Some rain fell over practically the whole of the British Isles. Tilbury and Southend were two of the few places where there was no rain. Most rain fell in the English Lake District, where at Hassness, near Buttermere, 6.05 inches was registered.

December 26th.

<i>N. Lancashire.</i>	<i>in. or %</i>	<i>Carnarvonshire.</i>	<i>in. or %</i>
Ambleside (Skelwith Fold)	3.70 4.2	Snowdon (Cwm Dyli)	3.30 2.5
<i>Cumberland.</i>		<i>Renfrewshire.</i>	
Ullswater (Hallsteads) ...	2.91 4.8	Shaws W. W. (Hole Glen)	2.50 3.9
Watermillock (Mell Fell House).	2.80 5.5	<i>Stirlingshire.</i>	
Buttermere (Hassness) ...	6.05 4.1	Duchray Valley (Glen Dhu)	2.70 3.2
Keswick (Derwent Island)	3.65 5.5	Duchray Valley (Comer) ..	2.55 2.9
Keswick (The Bank)	3.07 4.9	<i>Argyllshire.</i>	
Keswick (High Hill)	3.50 5.8	Mull (Knock)	2.60 3.2
Threlkeld (Blencathra San.)	3.22 4.9	<i>Clackmannan.</i>	
<i>Westmorland.</i>		Glendevon (Backhill)	2.52 3.8
Patterdale (Greenside Mine)	5.00 5.1	<i>Perthshire.</i>	
Windermere (Holehird) ...	2.58 3.5	Loch Dhu	2.50 3.2
Ambleside (White Craggs)	3.51 4.5	Aberfoyle (The Inn)	2.60 4.4
Ambleside (Market Square)	3.50 4.5	Auchnafree	3.54 5.3
Rydal (The Stepping Stones)	4.12 4.7	<i>Co. Cork.</i>	
Rydal	3.76 4.2	Ballinageary (Inchibeg) .	2.89 3.0
Rydal (High Close)	3.74 4.0	<i>Co. Kerry.</i>	
Rydal (The Hall)	4.04 4.5	Kilgarvan (Inchamore) ..	4.09 —
Dungeon Ghyll	3.65 3.2	<i>Co. Mayo.</i>	
<i>Glamorganshire.</i>		Aasleagh House	3.82 3.2
Rhondda W. W. (Llyn Fawr Res.).	3.07 3.1	<i>Co. Down.</i>	
Rhondda (Pont Lluest Wen Res.).	3.20 3.3	Mourne Mtns. (Fofanny Res.).	2.53 3.9
<i>Carmarthenshire.</i>			
Llynnyfanfach (Waen Sychlwch).	2.64 2.4		
Llynnyfanfach (Afon Sychlwch).	3.67 3.2		
Llynnyfanfach (Nant Côch).	2.84 2.9		

The heavy fall on the 29th was mainly orographical in character, being associated with a deep depression which was centred near Iceland.

December 29th.

<i>Cumberland.</i>		<i>in. or %</i>		<i>Carnarvonshire.</i>		<i>in. or %</i>	
Buttermere (Hassness) ...		4.30	2.9	Snowdon (Cwm Dyli)		2.81	2.1
				Snowdon (Llydaw Intake)		2.95	1.9
<i>Carmarthenshire.</i>				<i>Inverness-shire.</i>			
Llynnyfanfach (Waen Sychlwch).		2.51	2.3	Loch Quoich (Glenquoich)		2.50	2.3
Llynnyfanfach (Afon Sychlwch).		2.90	2.5				
Llynnyfanfach (Nant Côch).		2.50	2.6				

8. MONTHLY RAINFALL IN 1924.

Information as to the rainfall of the months of 1924 is set out in this section in various forms :—

(1) Table XVIII gives the general rainfall for the countries separately and for the British Isles as a whole for each month of 1924.

(2) On p. 69 details are given of the extremes of monthly rainfall at individual stations.

(3) In Table XIX the monthly rainfall is set out in inches at 397 stations, selected so as to represent all parts of the British Isles.

(4) Table XX gives the monthly and annual falls expressed as percentages of the averages for 1881 to 1915. It is confined to stations for which these averages are available, and again the stations are equally distributed. In this case 150 records are utilised. At the end of this table the means are given of the percentage values for each month for each country and for the whole British Isles.

(5) *Monthly Rainfall Maps*.—In the preparation of the series of maps of actual rainfall, some 2,000 values are utilised in each case. In the neighbourhood of large towns, where records are numerous, a selection of the available data has been made. Details which would tend to confuse the maps on the small scale have been eliminated.

(6) *Monthly Percentage Maps*.—The percentage maps are based on the values from some 200 stations, which include those given in Table XX and those published month by month in the *Meteorological Magazine*.

General Monthly Rainfall.

The values given in Table XVIII have been computed by applying the percentage values given in Tables XX and XXIII for monthly and annual rainfalls respectively to the average general values set out on page 257. The annual totals have been taken from Table XXIII and the values for the months have been adjusted where necessary to give these totals.

Table XVIII.—*General Rainfall for 1924, computed from the Average, 1881–1915, by applying the General Percentage Values given in Tables XX and XXIII to the General Average Values.*

	England.	Wales.	England and Wales.	Isle of Man.	Scotland.	Ireland.	British Isles.
	in.	in.	in.	in.	in.	in.	in.
January	3·3	6·0	3·7	5·6	4·9	5·9	4·6
February	1·1	1·1	1·1	1·0	2·5	1·8	1·6
March	1·4	2·1	1·5	2·9	1·6	1·5	1·6
April	2·8	3·9	2·9	3·8	2·8	3·6	3·2
May.. ..	4·9	5·9	5·0	5·7	4·8	4·4	4·9
June	2·3	3·4	2·5	3·6	3·1	3·9	3·0
July.. ..	4·1	6·3	4·4	6·0	5·6	4·5	4·8
August	3·4	6·0	3·8	5·8	5·2	4·8	4·4
September	3·9	7·2	4·4	6·4	6·9	6·8	5·6
October	4·9	6·4	5·2	3·3	4·7	4·1	4·8
November	2·7	3·6	2·9	4·3	3·6	4·6	3·5
December	4·4	8·3	4·9	6·2	7·1	6·9	6·0
Year	39·2	60·2	42·3	54·6	52·8	52·8	48·0

The general monthly rainfall over the British Isles varied during 1924 from 1·6 in. in February and March to 6·0 in. in December. Thus December was nearly four times as wet as either February or March. The general rainfall for the British Isles for February and March together was 3·2 in., the least amount recorded in these two months since before 1881. The total fall was just less than that of February and March, 1891 (February, 1891, being the driest month on record), when the general value was 3·3 in. In May and June of the dry year 1921, the general fall was rather less, being 3·0 in.

In the summary to Table XX* the following points are interesting:—

- (1) The rainfall of the British Isles was below the average only in February, March and November.
- (2) There were seven consecutive months, April to October, with rainfall above the average for the British Isles as a whole, the fall during this period amounting to 30·7 in. or 138 per cent. of the average. The fall of the six months, April to September, is dealt with in the article in this volume on Seasonal Rainfall.

* Reference should also be made to Tables II–VI on pp. 258–262, giving general values for each month of the period 1881 to 1924 for England and Wales, Scotland, Ireland and for the whole British Isles, which have been utilised in this article.

- (3) For the British Isles as a whole, March was the driest March since that of 1900, May the wettest May since before 1881, and September the wettest September since that of 1918.

Extremes of Monthly Rainfall at Individual Stations.

(a) *Actual Rainfall Measurements.*—Measurements of more than 30 in. for a month were confined to the gauges at the head of Borrowdale, in Cumberland, and to the month of December. In that month as much as 36·00 in. was recorded by the “new gauge, B,” at The Sty. The falls in December of 24·59 in. at Aasleagh House, in Connemara, and of 22·90 in. at Kilgarvan, in Co. Kerry, are also of interest. The more moderate total of 7·60 in. recorded at Hampstead, London, in July, is also noteworthy. There have been only two months in which this total has been exceeded in London, viz., October, 1880, and July, 1918. In these two months the following falls of 8·00 in. or more were recorded in London :—

October, 1880.		in.	July, 1918.		in.
Lee (Blessington Road)	..	8·81	Bermondsey (Shad Thames Pumping Station).		8·31
Deptford Pumping Station	..	8·62			
Eltham Green .. ..	..	8·23	Woolwich (N. Woolwich P. Stn.)		8·00

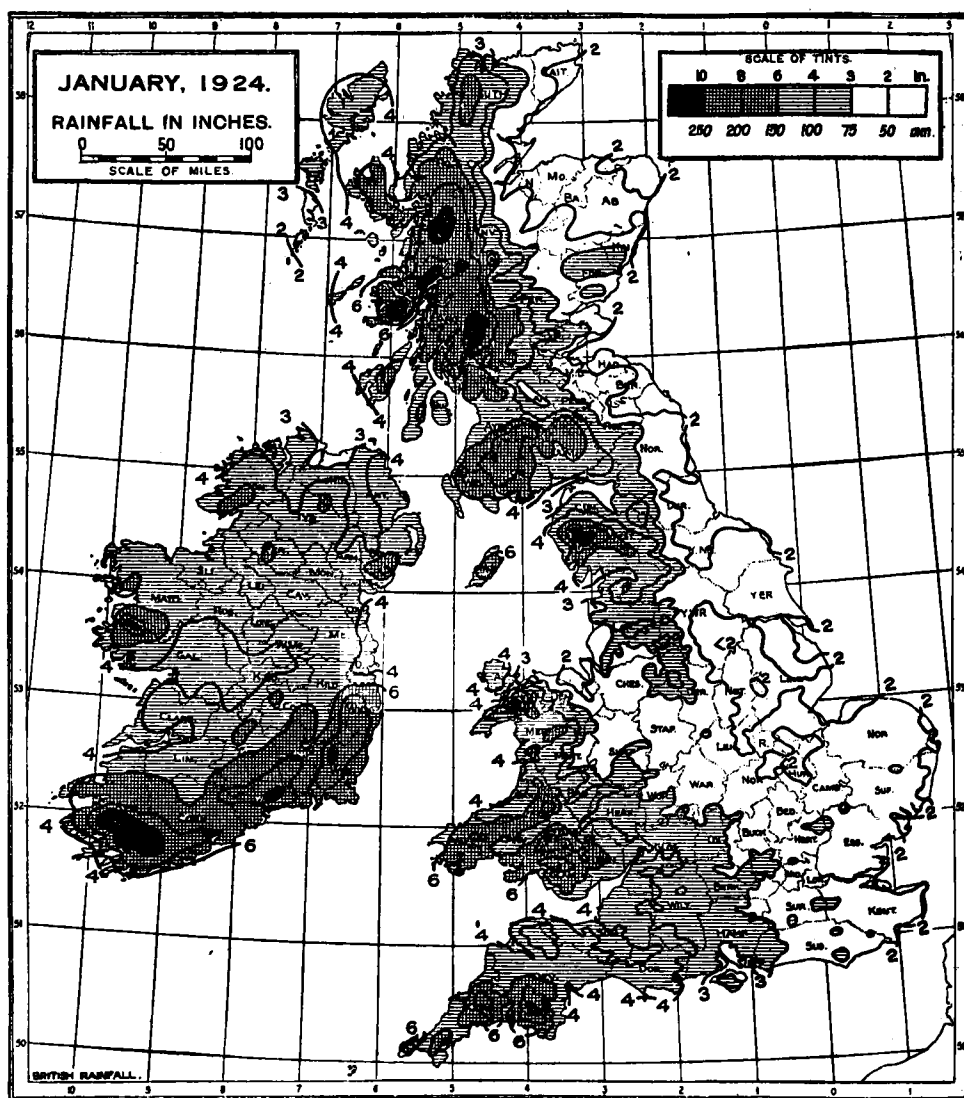
The smallest monthly totals occurred in February, when falls of ·2 in. for the month were common to the north of Salisbury Plain. Some of the small totals are given below :—

County.	Station.	Amount.
		in.
Wiltshire..	Bishops Cannings Vicarage	.. .09
„	Bradford (Manvers House)	.. .15
Somerset..	Batheaston Reservoir	.. .15
Oxford ..	Oxford (Northmoor Road)	.. .18

(b) *Monthly Extremes as compared with the Averages.*—Falls exceeding three times the monthly average occurred in May, August and September. In May, owing largely to the heavy rains of the 31st, such falls occurred over considerable areas. On the map on p. 79 these areas are shown in solid black. The following percentage values are among the largest : 366 at Malvern, in Worcestershire ; 348 at Newcastle-on-Tyne ; and 332 at Melbury House, near Evershot, in Dorsetshire. In August the maximum percentage value was 470, recorded at Brymore House, near Cannington, in Somerset. This was mainly due to the abnormal fall of 9·4 in. on the 18th. The heavy rain on this day was extremely local, and it has only been possible to indicate on the map the area with more than 300 per cent. of the average. In September, 317 per cent. of the average was recorded at Straffan House, in Co. Kildare. In this case the total of 7·08 in. was due to a number of heavy falls. On four days in the month the amount reached or exceeded ·80 in. The occurrence of so many percentage falls of three times the average is one of the remarkable features of the rainfall of the year.

The Rainfall of the Individual Months.

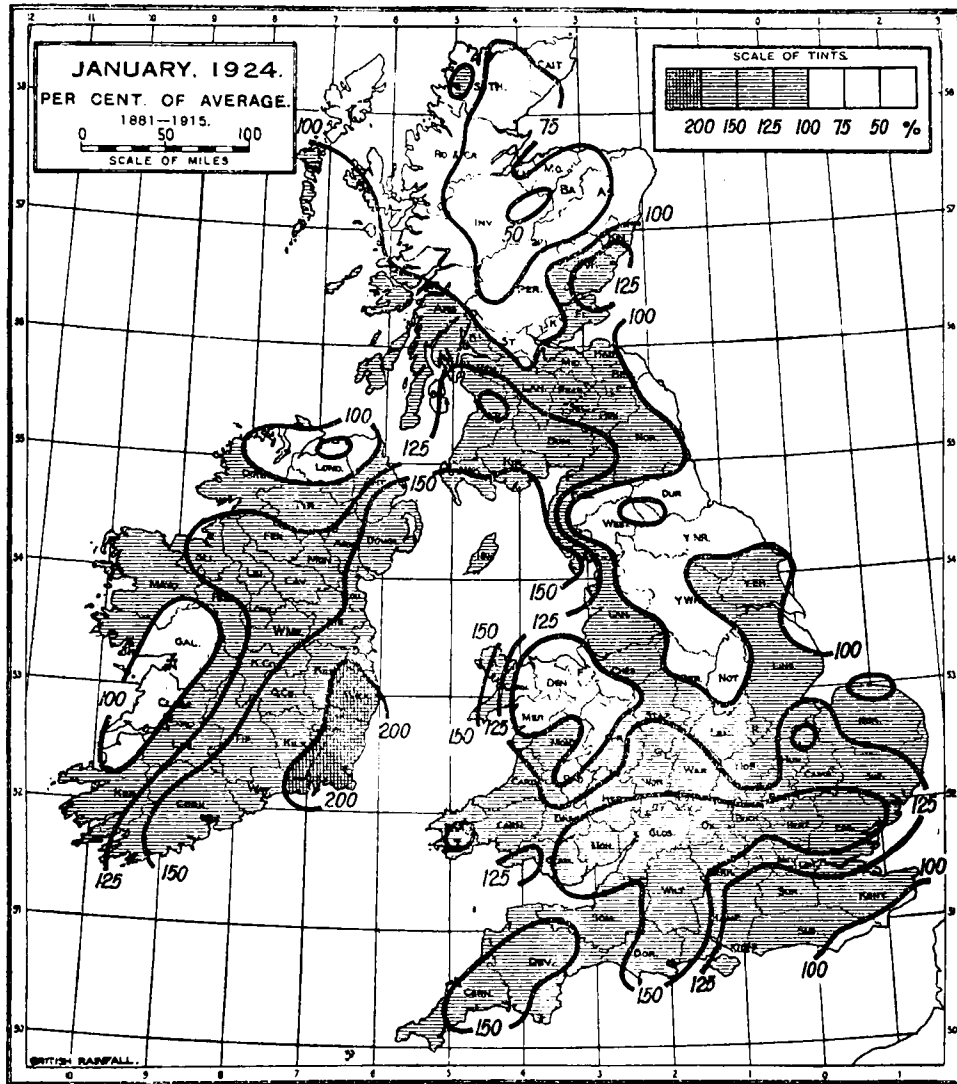
January was generally warm and unsettled with rainfall rather in excess of the average. The mean pressure for the month was below the average, except in the Shetlands; a feature of the month being the large number of secondary depressions which traversed the country.



Rainfall, January, 1924.

The rainfall of the month was less than the average in the north-east of England, in the north of Wales, over the northern half of Scotland, and along parts of the west and north coasts of Ireland. In each country less than 75 per cent. occurred but the area so affected was extensive only in Scotland, where in Inverness-shire and in

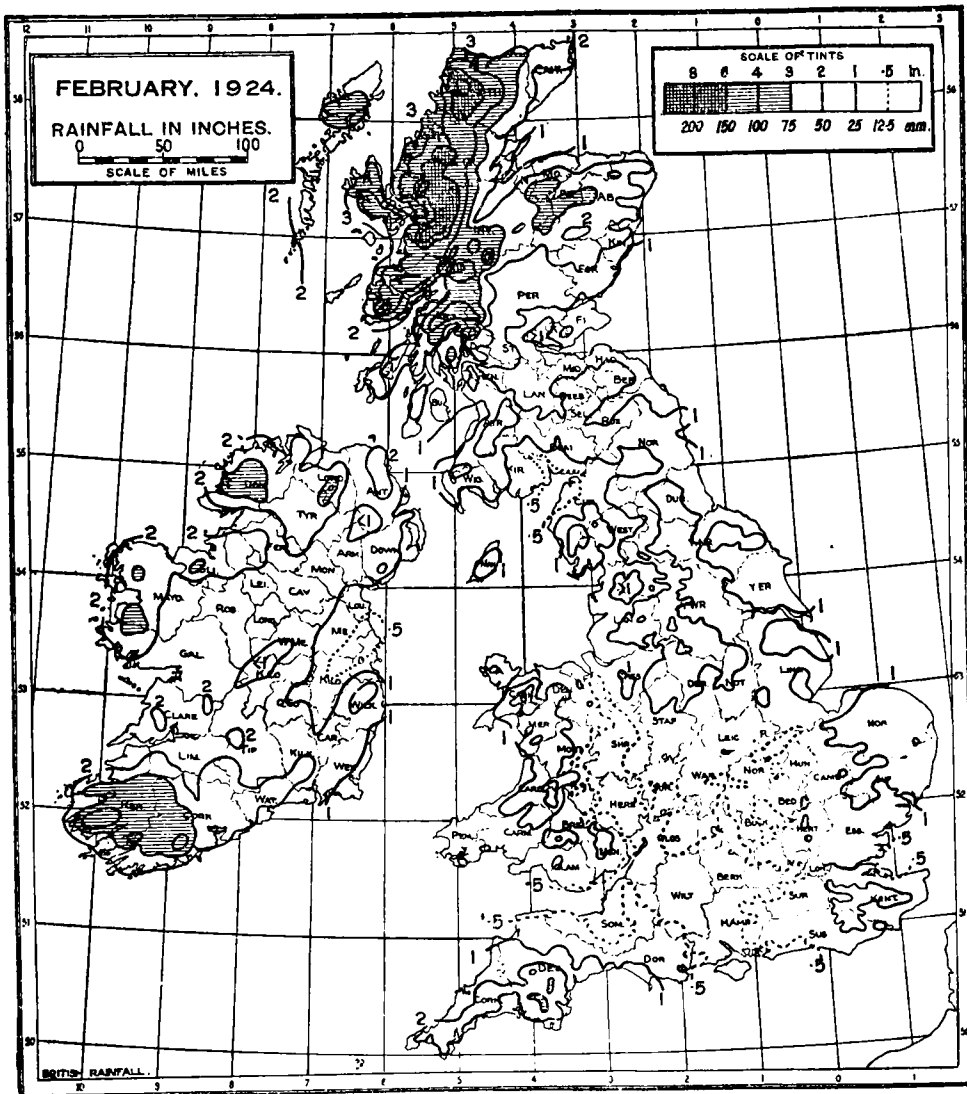
Morayshire a small area received 50 per cent. of the average. The largest percentage falls occurred in the south-west of England and Wales and in the south-east of Ireland. More than 150 per cent. of the average fell over a large area stretching from Monmouth and Dorset to Essex, in the Devon-Cornwall peninsula, and over a wide



Rainfall, January, 1924, as per cent. of average.

coastal belt of Ireland stretching from Cork nearly to Belfast. In the south-east of Ireland more than twice the average fell over a large area. At Courtown House, in Wexford, the total was 7·71 in. or 247 per cent. of the average.

February was generally dull, with temperature below the average, northerly winds and deficient rainfall. The mean pressure was above the average everywhere, the pressure distribution being predominately anticyclonic, although three primary depressions crossed the British Isles.

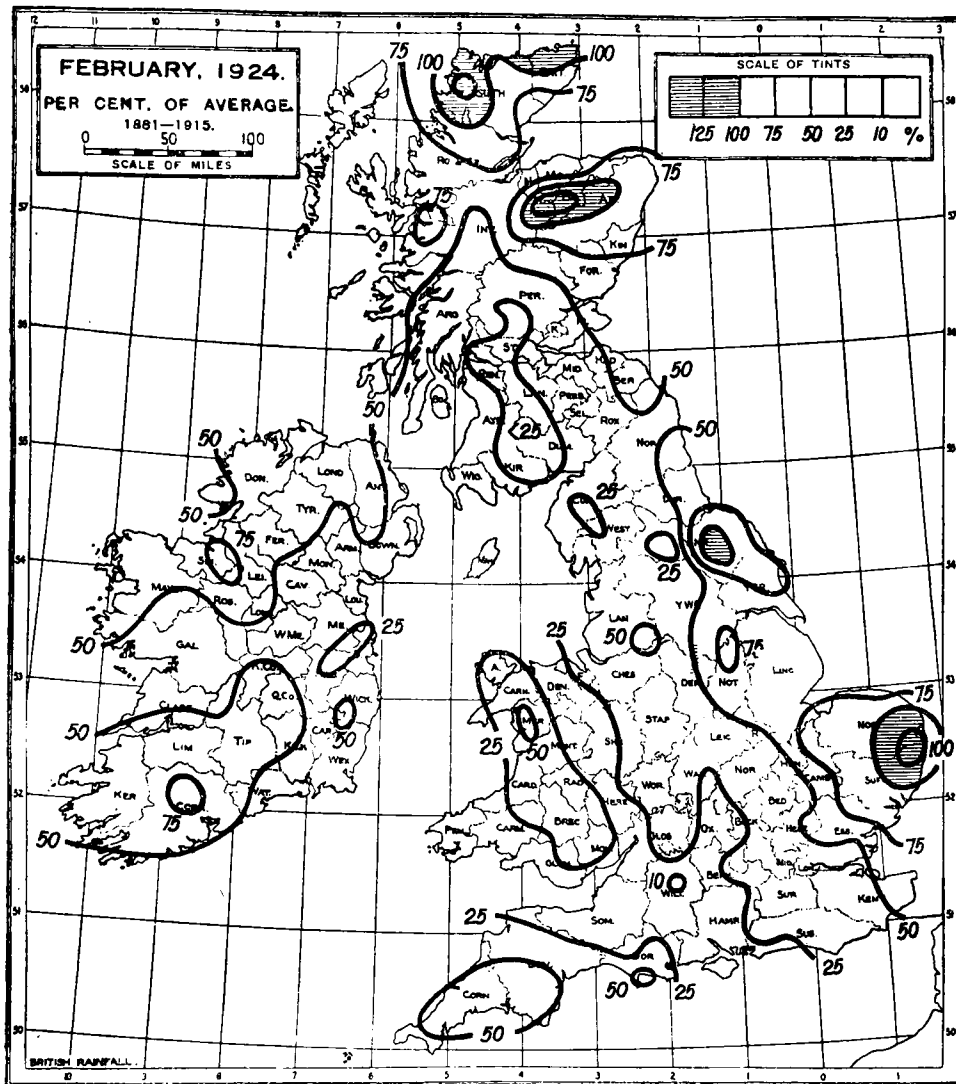


Rainfall, February, 1924.

For the month, deficiencies of rainfall were widespread and less than 50 per cent. of the average occurred over the greater part of England and Wales, the southern half of Scotland, and over eastern and central Ireland. Less than 25 per cent. of the average fell over broad belts stretching from Llandudno and Fishguard to the Isle of Wight, from Perth to Dumfries, and in the neighbourhood of Dublin.

In Wiltshire only 10 per cent. of the average was recorded. The rainfall exceeded the average only over small areas in the east and north of the British Isles, in parts of Norfolk, Yorkshire and Sutherlandshire.

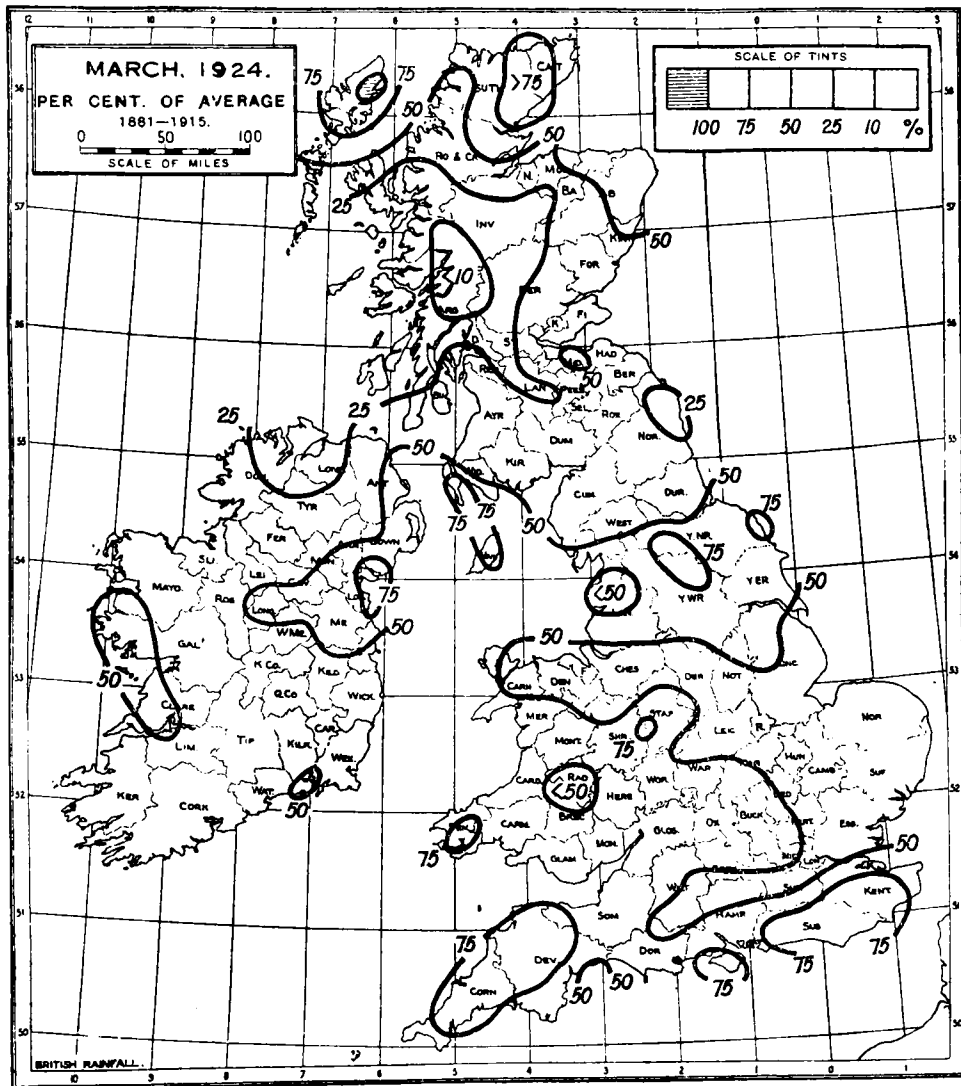
In the map of actual rainfall the area with less than $\cdot 5$ in. of rain is of special interest. This area included a broad strip to the east of



Rainfall, February, 1924, as per cent. of average.

the Welsh mountains, a large area stretching from the Isle of Wight to the Severn Estuary and from the Quantocks to London and another area in the neighbourhood of Dublin. To the north of Salisbury Plain the fall over a large area only reached $\cdot 2$ in., while at Bishops Cannings, in Wiltshire, the total for the month was only $\cdot 09$ in. Seathwaite, in the English Lake District, had the modest total of $2\cdot 90$ in.

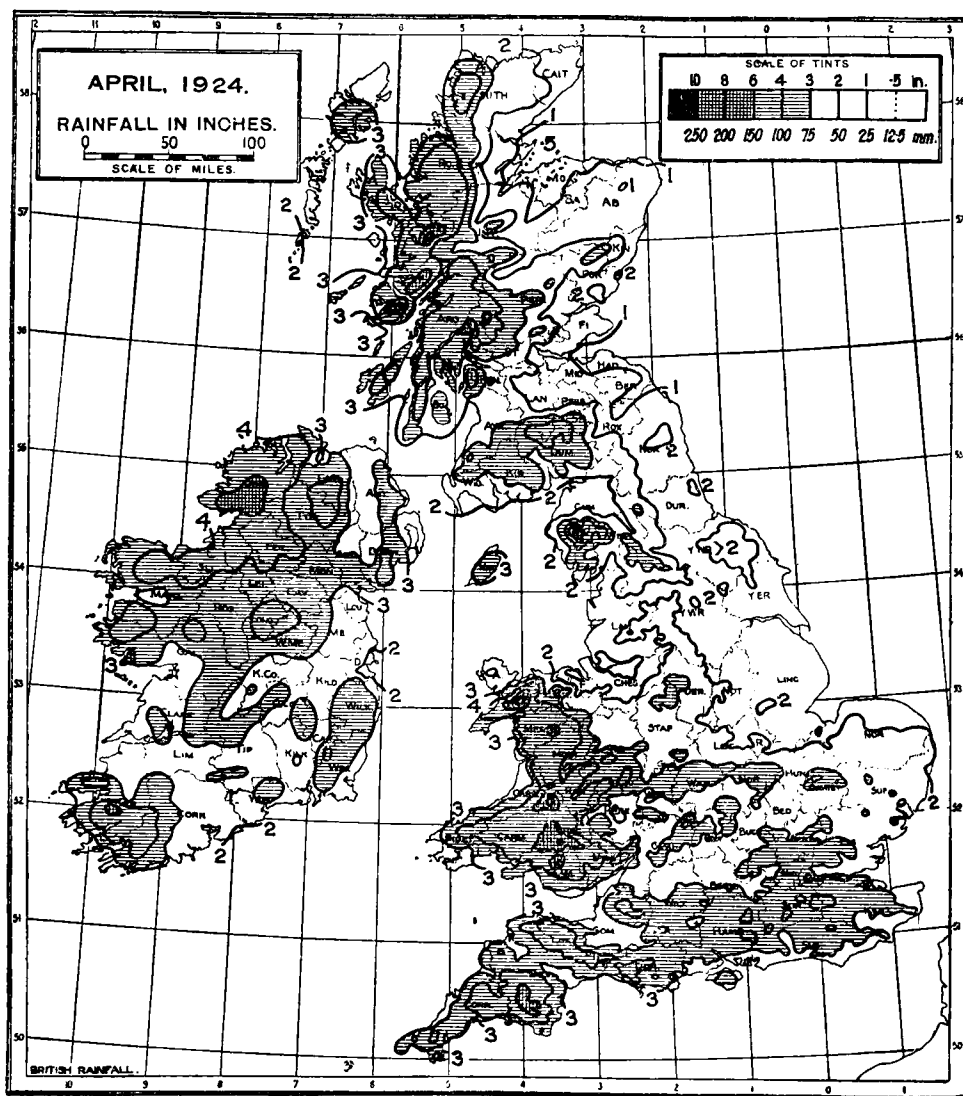
nearly the whole of Scotland and Ireland. Less than 25 per cent. occurred in Northumberland, in the north of Ireland, and over the greater part of the Western Highlands of Scotland. A large area in the mountains of western Scotland received rather less than 10 per cent. of the average.



Rainfall, March, 1924, as per cent. of average.

A feature of special interest on the map of actual rainfall is the small values in the Western Highlands of Scotland, falls of only half an inch being common in the valleys. At Glenquoich the fall was only 1·00 in., the least fall recorded in March since the record began in 1868. In fact, for Scotland as a whole it was the driest March since before 1881.

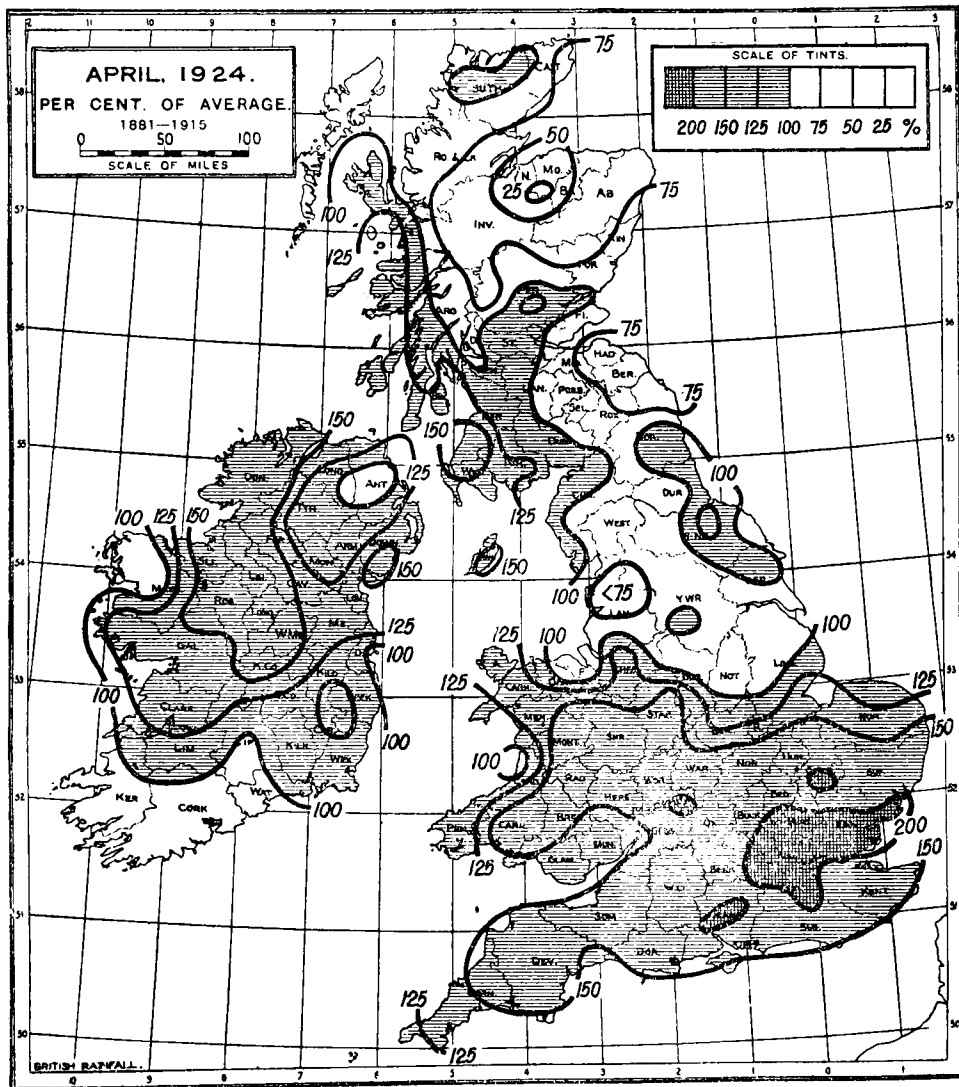
Attention has already been drawn to the sequence of two dry months, February and March, 1924. At Seathwaite, in the English Lake District, the total fall for the two months was 5·90 in. or 26 per cent. of the average, and the smallest amount recorded in these two months since the record began there in 1845.



Rainfall, April, 1924.

April.—The break in the fine spring weather came early in April, when there was a good deal of snow in Scotland. The month as a whole was cool and dull. The mean pressure was everywhere below the average. The isobars of mean pressure were irregular, the prevailing winds being either westerly or south-westerly.

The largest excess rainfall occurred in England, while in Scotland the deficiencies predominated. The fall of the month was less than the average over a large part of northern England, the greater part of northern and eastern Scotland, and the south-west of Ireland. It was only in Scotland that there was less than 50 per cent. of the average. At Granttown-on-Spey, in Morayshire, the fall was only $\cdot 47$ in. or

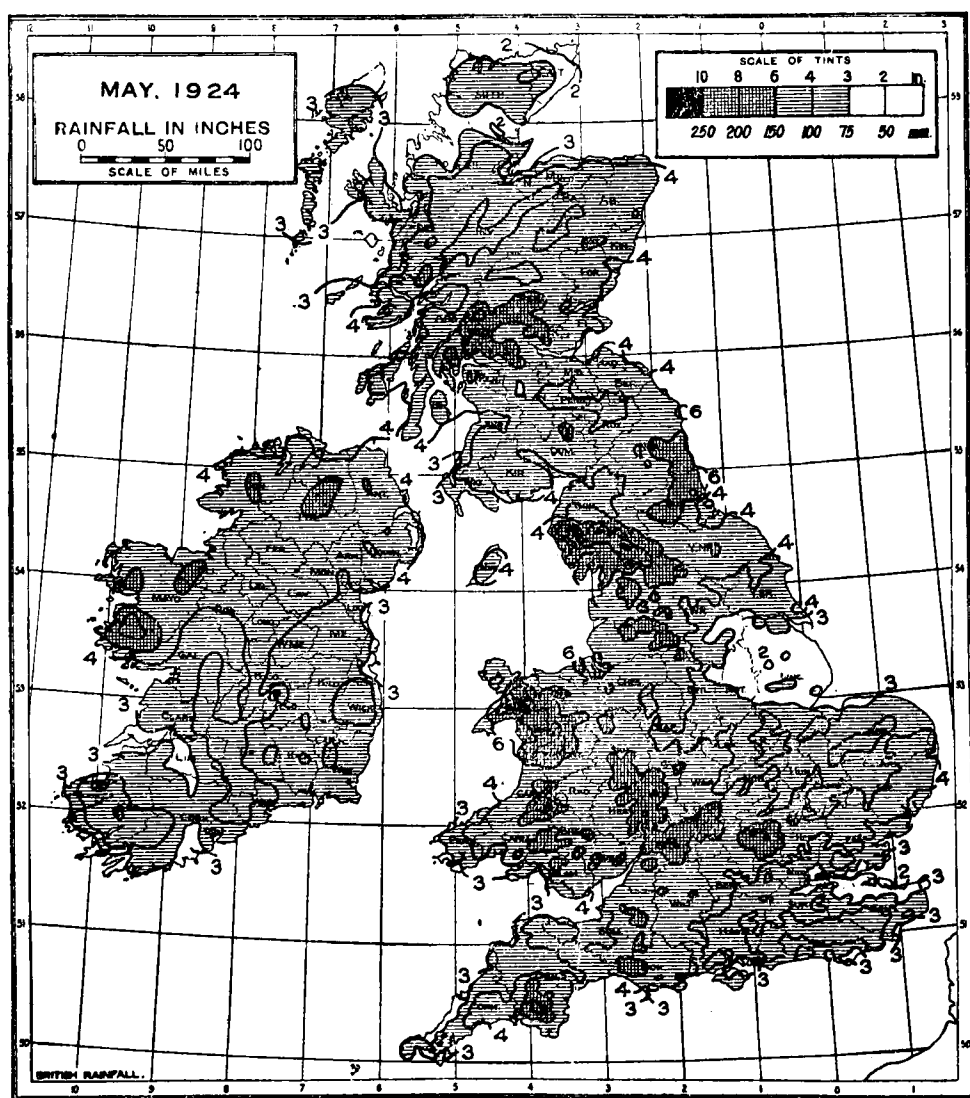


Rainfall, April, 1924, as per cent. of average.

24 per cent. of the average. More than 150 per cent. of the average occurred over a large area in the south, stretching from Montgomery and Devon to the east coast, in the north-west of Ireland and in Ayrshire. More than twice the average was recorded only in England. At Chelmsford the fall was as much as 247 per cent. of the average.

It is interesting to note that in each of the first four months of the year very large areas of Scotland had less than the average. For Scotland as a whole the general fall of these months was 11·8 in. or 73 per cent. of the average.

May was generally dull, wet and thundery. The mean pressure was below the average everywhere. The pressure distribution was

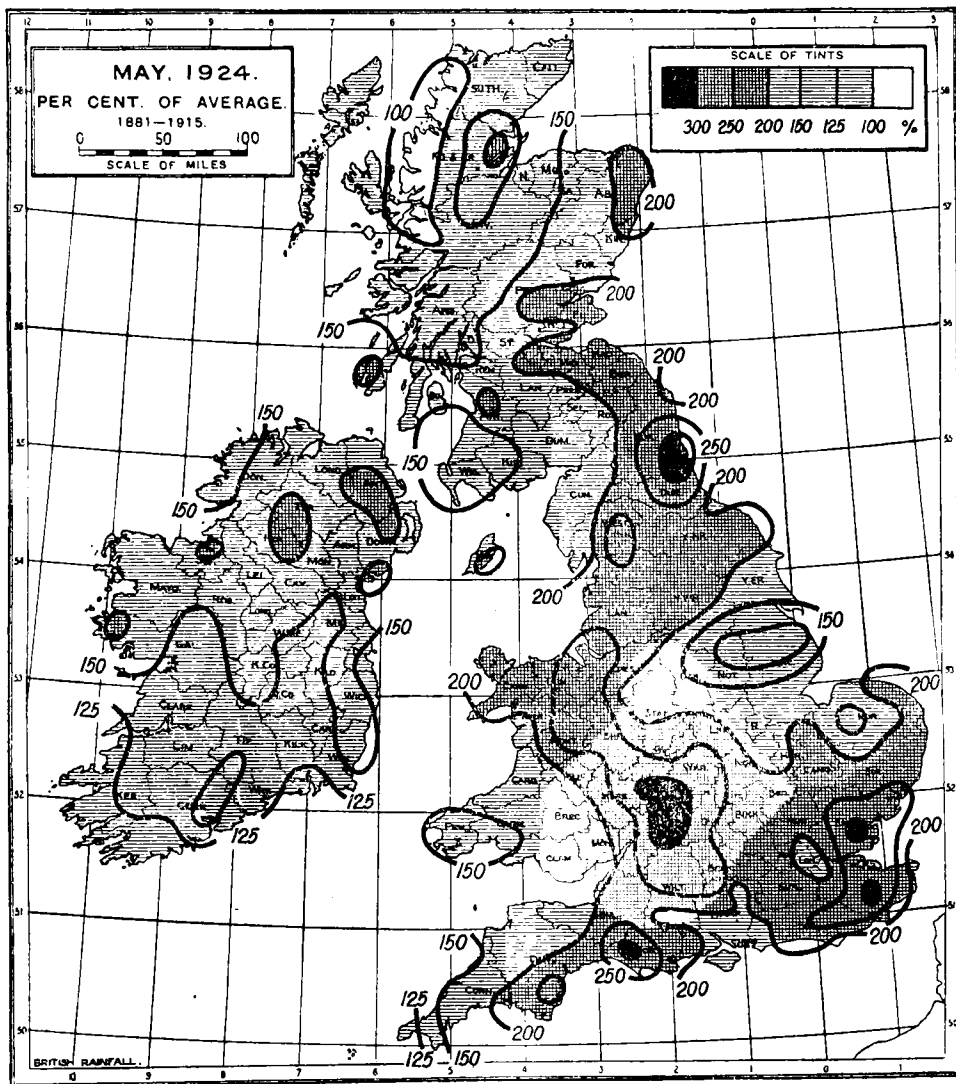


Rainfall, May, 1924.

mainly cyclonic with winds curving round an area of low pressure situated off the north-west of Ireland. The month was notable for the large number of depressions and secondaries which traversed the British Isles.

Heavy rains associated with thunderstorms were frequent ; thunder was reported from stations in the British Isles on more than twenty

days. A large number of the heavy falls in short periods given in Table XV occurred in this month. The thunderstorms of the 19th and 20th were accompanied in some cases by sudden short heavy falls of rain which caused considerable flooding and damage to crops in Bedfordshire, Hertfordshire, Buckinghamshire, Essex and Suffolk. The fall of the 31st, some details of which are given on pp. 50–55, was

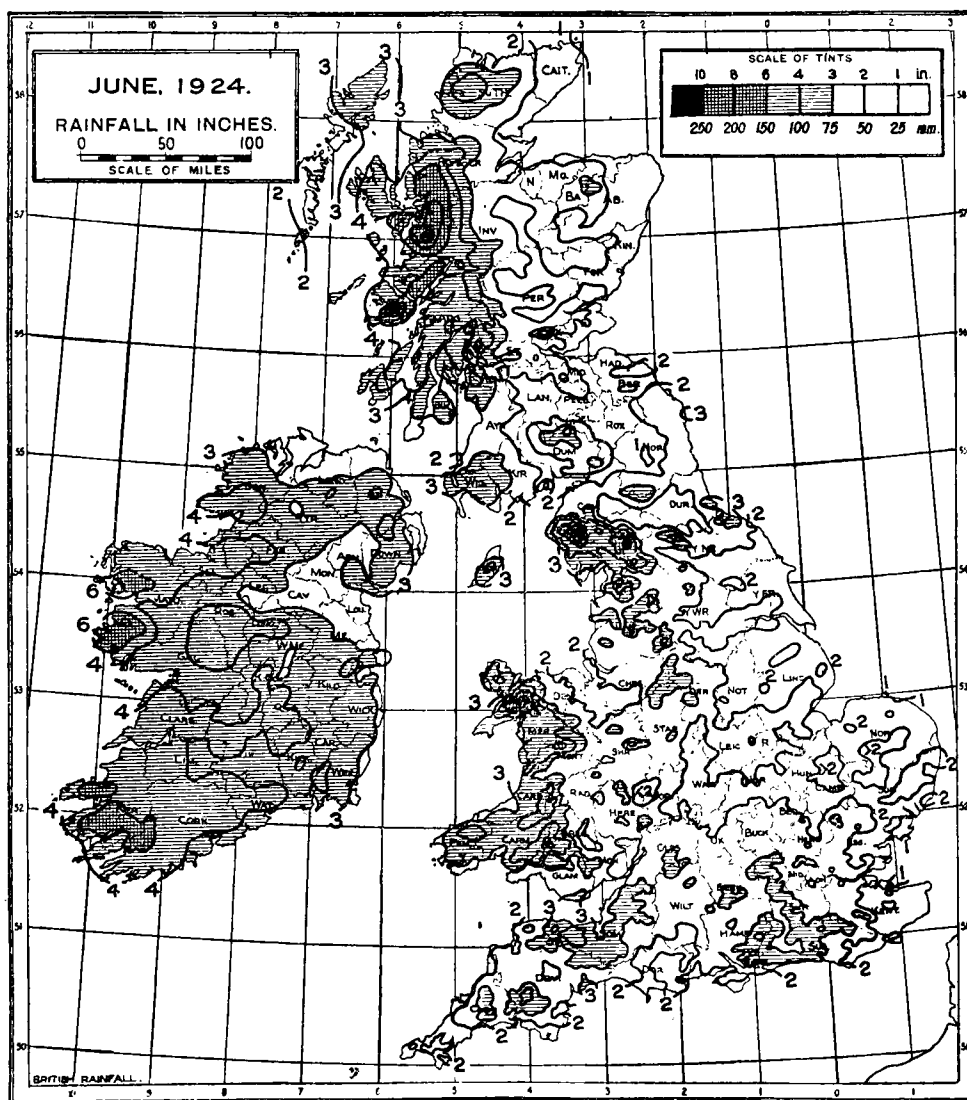


Rainfall, May, 1924, as per cent. of average.

very heavy and widespread, and was largely responsible for the large values indicated on the percentage map for the month.

Rainfall below the average was confined to the north-west of Scotland. Falls of more than twice the average were common, occurring in isolated areas in Ireland, between the Connemara mountains and Belfast, in parts of the east coast of Scotland, and widely in England

and Wales. In the last named area, more than three times the average fell as far apart as Newcastle, Tenterden (in Kent), Melbury House (in Dorsetshire), and Malvern (in Worcestershire). At Malvern the fall was 7·90 in. or 366 per cent. of the average. As much as 3·81 in. of this amount fell on May 31st.

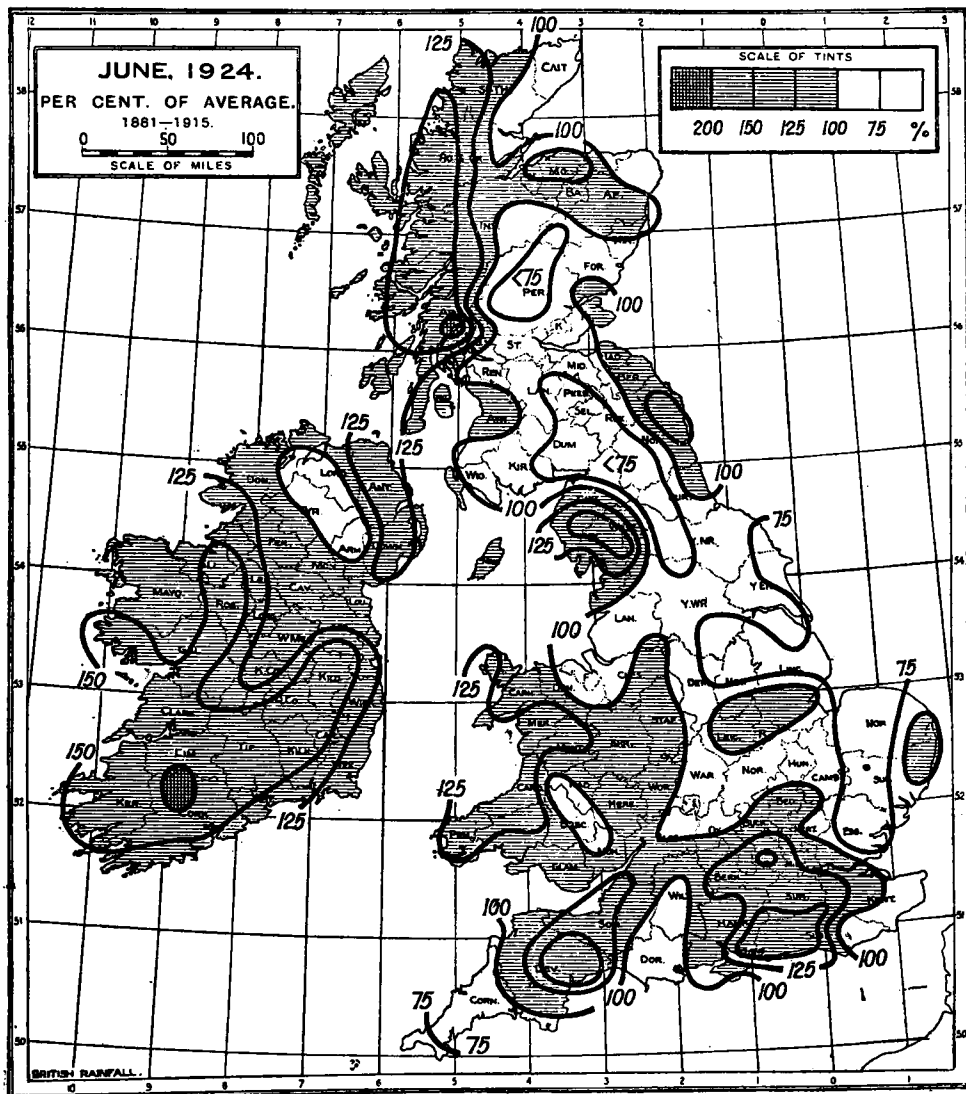


Rainfall, June, 1924.

For England and Wales this month was the wettest May since before 1881, but in the case of Scotland that of 1906 was wetter and in the case of Ireland, May, 1916, was wetter than that of 1924.

June was generally dull and unsettled. The mean pressure was below the average everywhere except in parts of southern and

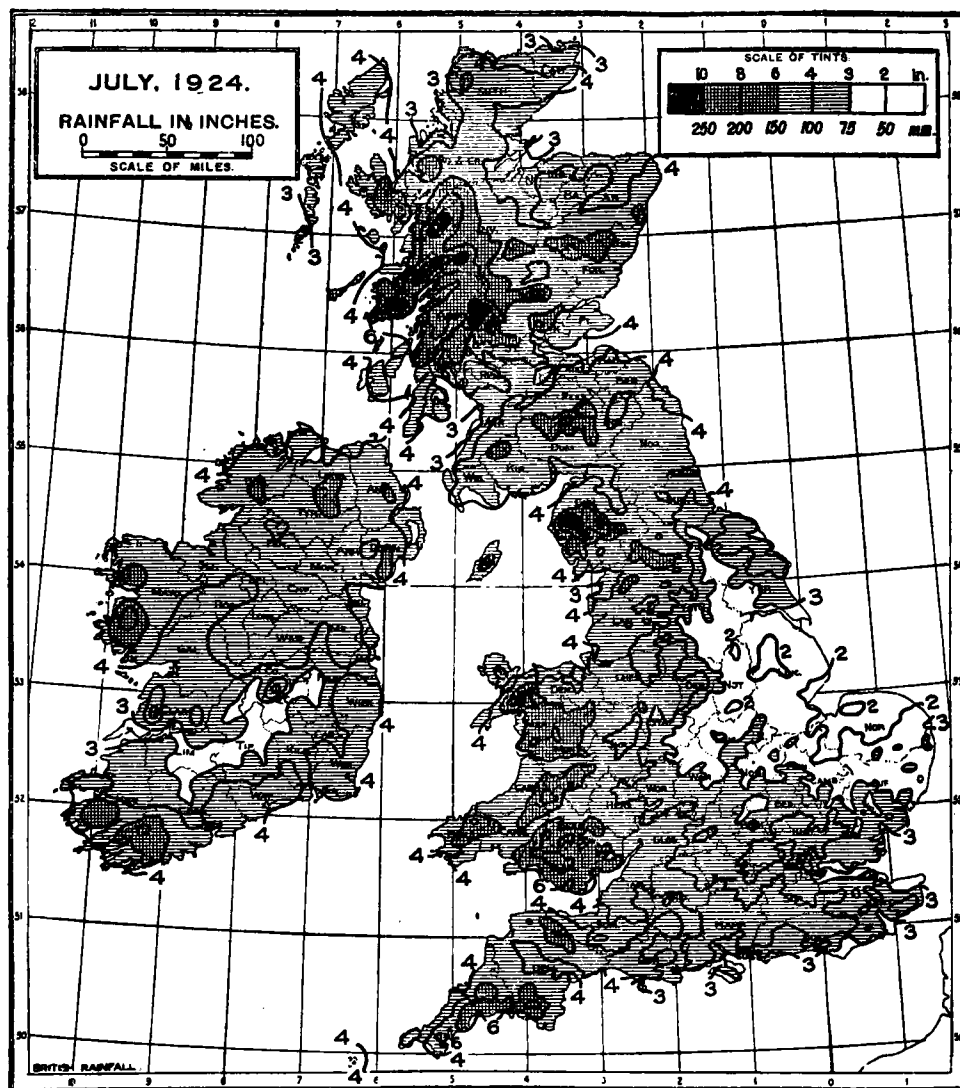
south-eastern England. The isobars of mean pressure were irregular and trended from south-west to north-east in the north and west to east in the south. The pressure distribution was mainly cyclonic except for a few days in the middle of the month, when anti-cyclonic conditions prevailed in the south and south-east of England.



Rainfall, June, 1924, as per cent. of average.

The abnormally heavy rain of May 31st was continued on June 1st, and a map showing the fall of these two days together is given on p. 51. For the month as a whole the fall in relation to the average varied considerably from place to place. Less than the average fell over the greater part of the eastern half of Great Britain and in the

north-east of Ireland. The fall was nowhere less than 50 per cent. of the average, although it was 52 per cent. at Blakeney, in Norfolk, and 53 per cent. at Leyburn, in the North Riding of Yorkshire. More than 150 per cent. of the average fell in Hampshire, Devon, the English Lake District, the Western Highlands of Scotland, and over the greater part of the southern half of Ireland. The largest percentage falls were



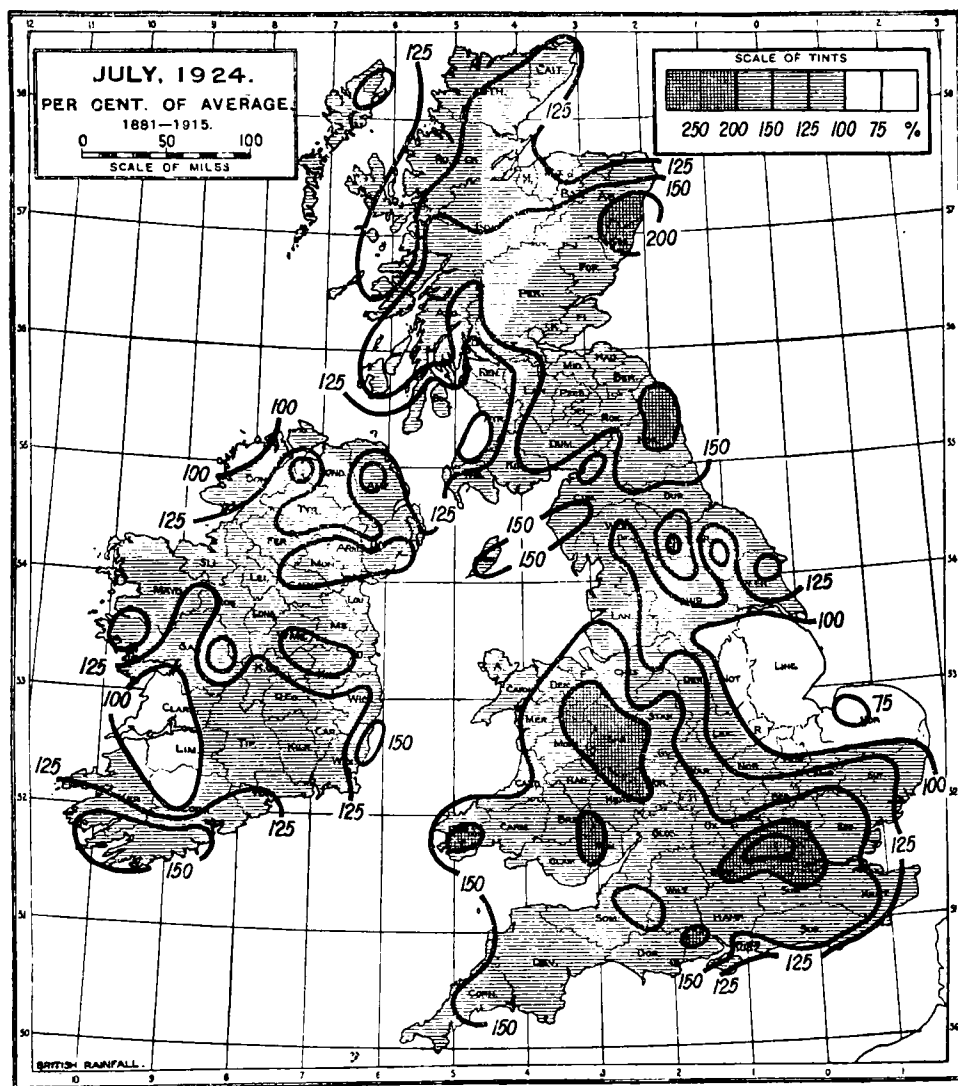
Rainfall, July, 1924.

those of 236 per cent. (or 9·34 in.) at Inveraray, in Argyllshire, and 207 per cent. (or 4·55 in.) at Mallow, in Co. Cork. The fall at Inveraray was accounted for mainly by the falls of the 20th and 24th, when 2·44 in. and 2·49 in. fell respectively.

July was generally wet, cool and thundery. The heaviest rainfall occurred in the thunderstorms in the latter half of the month. The

mean pressure was everywhere below the average. The isobars of mean pressure trended on the whole from WSW. to ENE., so that the prevailing winds were westerly.

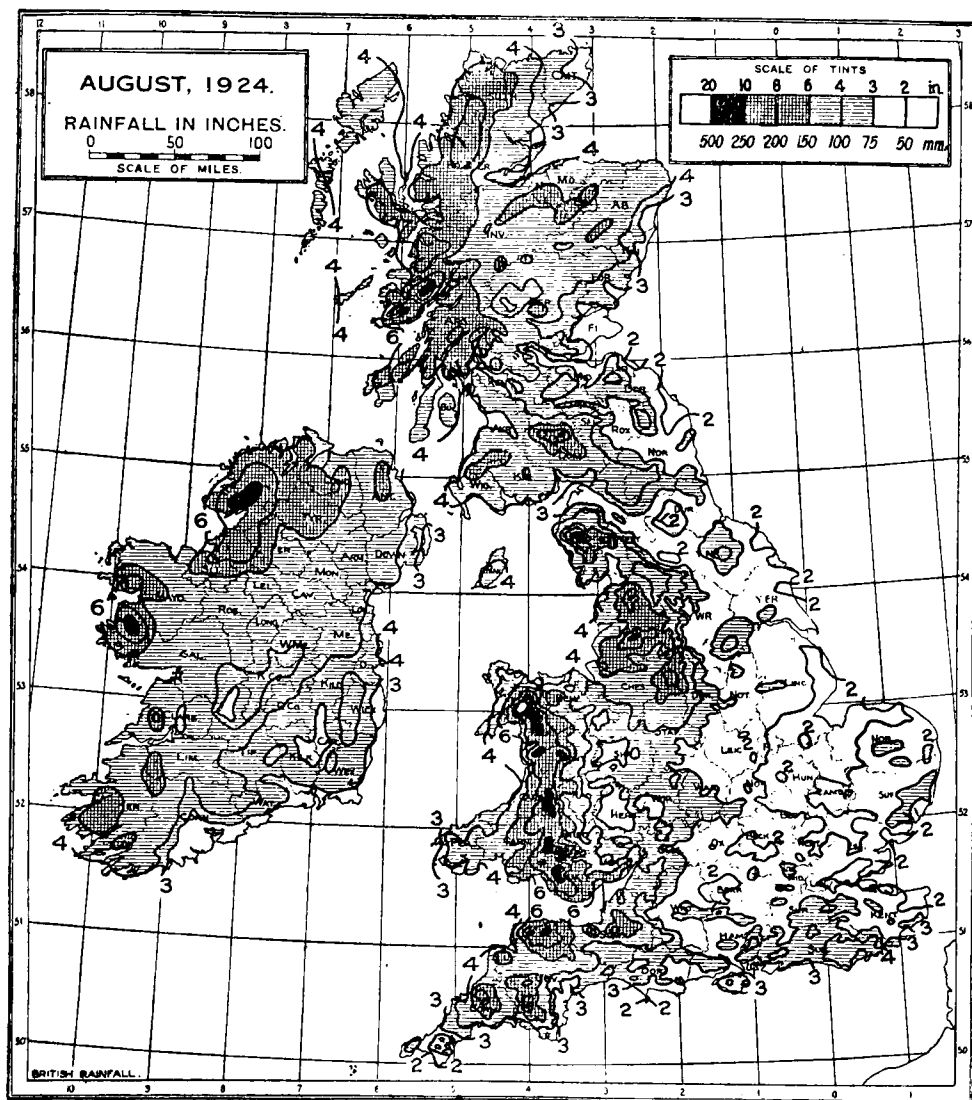
The rainfall was below the average in small areas along the east coast of England, in Ayrshire, in Donegal, and in the counties bordering on the Shannon estuary. Falls of 150 per cent. of the average and



Rainfall, July, 1924, as per cent. of average.

more were widespread in the south-western half of England and Wales, the north of England, south-east of Scotland, in Co. Cork, and in small areas in some of the northern counties of Ireland. More than 200 per cent. of the average occurred in a number of scattered areas in England and Wales, but elsewhere only in Aberdeenshire. There were large areas with more than twice the average, notably in Shropshire and

in the neighbourhood of London, where at High Wycombe, in Buckinghamshire, the fall was as much as 5·41 in. or 275 per cent. of the average. At Hampstead, in north London, the large fall of 7·60 in. was largely accounted for by the thunderstorm rains of the 22nd and 29th. (For further details see heavy falls in short periods in Table XV).

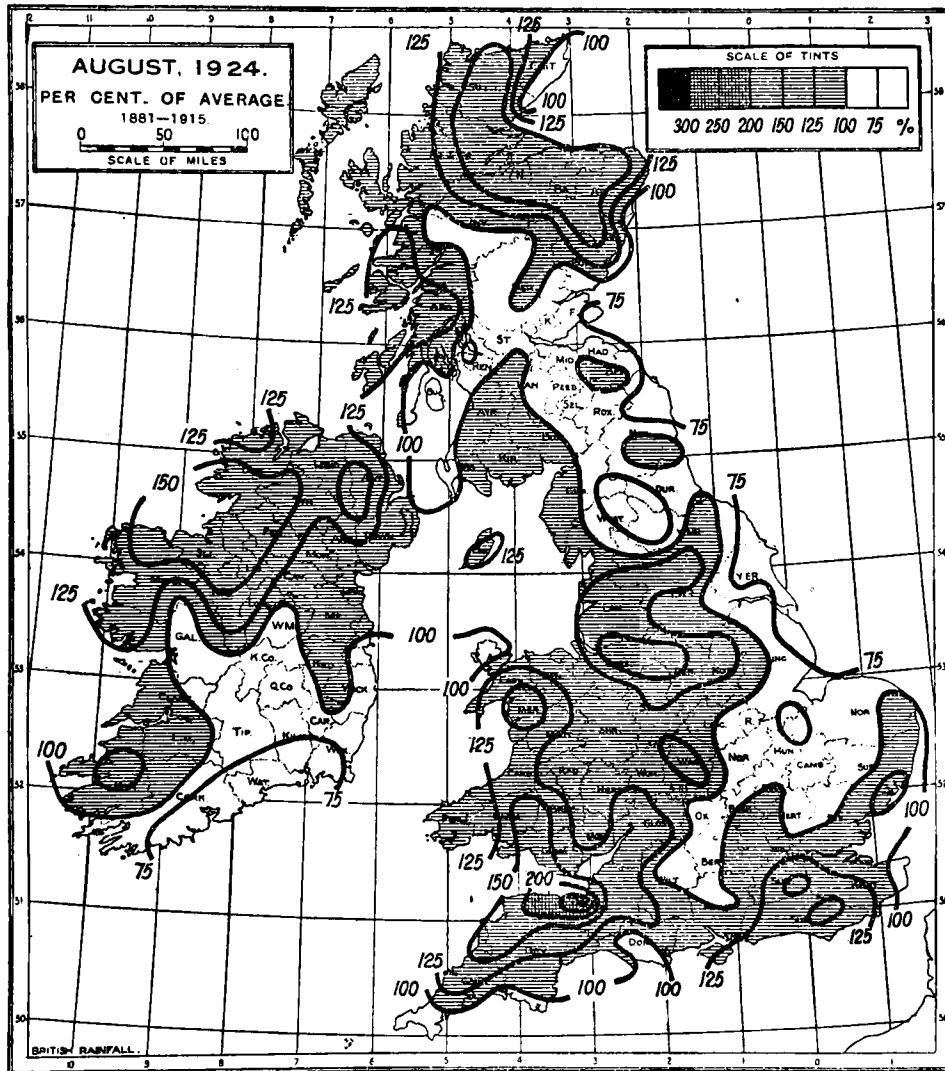


Rainfall, August, 1924.

For the British Isles as a whole this month was the wettest July since 1920. In the last seven years the rainfall of July has been in excess of the average no fewer than five times.

August was a cool and dull month with frequent rain, but it was not an exceptionally wet one. The mean pressure was below the average everywhere. The isobars of mean pressure were irregular, but trended mainly from W. to E., so that the prevailing winds were westerly.

The distribution of the rainfall as a percentage of the average was irregular. Rainfall below the average was recorded at Lands End and at Margate, along the east coast of England stretching as far inland as Oxford, in central and south-east Scotland, and in the south-east of Ireland. In each case the least values were between 60 and 80 per



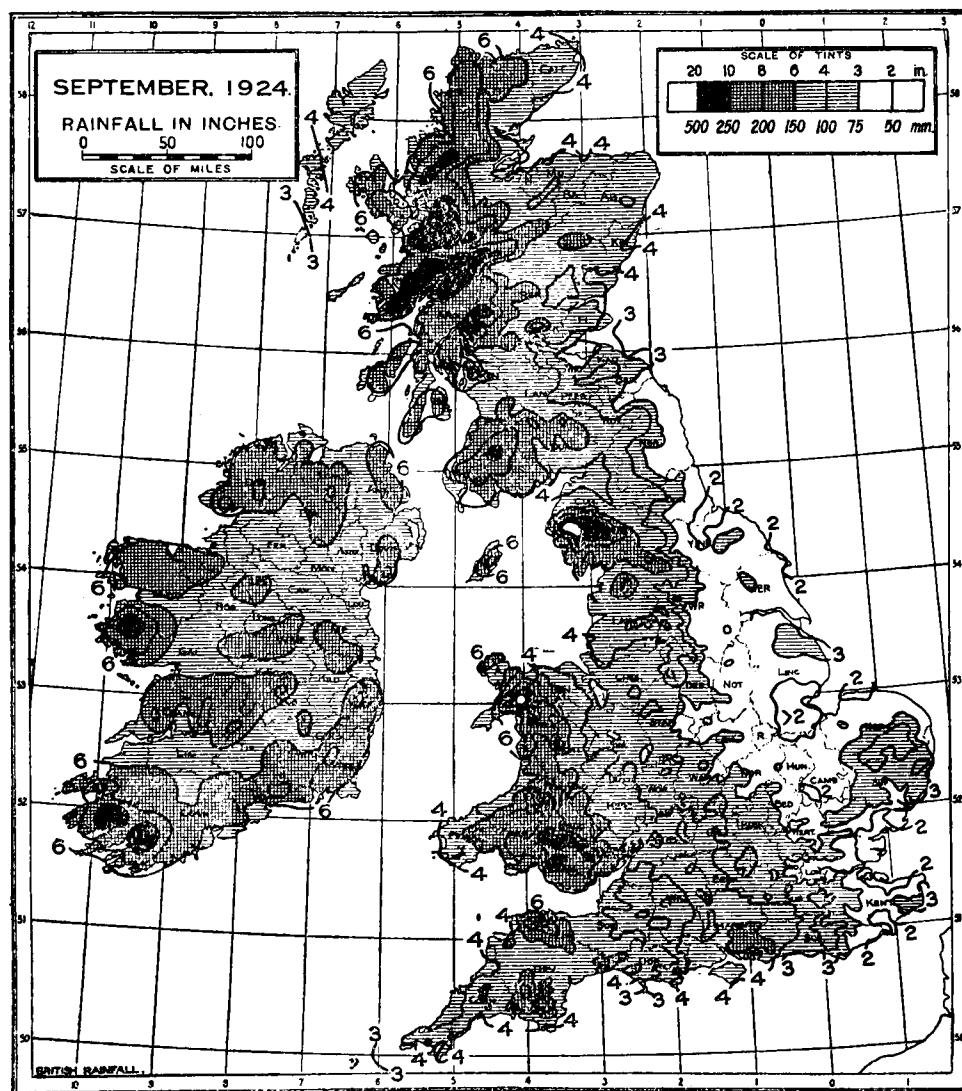
Rainfall, August, 1924, as per cent. of average.

cent. The fall exceeded 150 per cent. in a number of areas, of which the largest were those in the neighbourhood of the Bristol Channel, in the north-east of Scotland and in north-west of Ireland. In Scotland and Ireland the fall nowhere reached twice the average, but in Somersetshire, owing to the heavy rainfall of August 18th, the fall reached 470 per cent. of the average at Brymore House, near

Cannington. Some details of the heavy rain of this day are given in an article at the end of the volume.

For the British Isles as a whole the rainfall was 114 per cent., of the average, and the month was the fourth successive August with rainfall in excess of the average.

September was windy and very wet. The mean pressure was



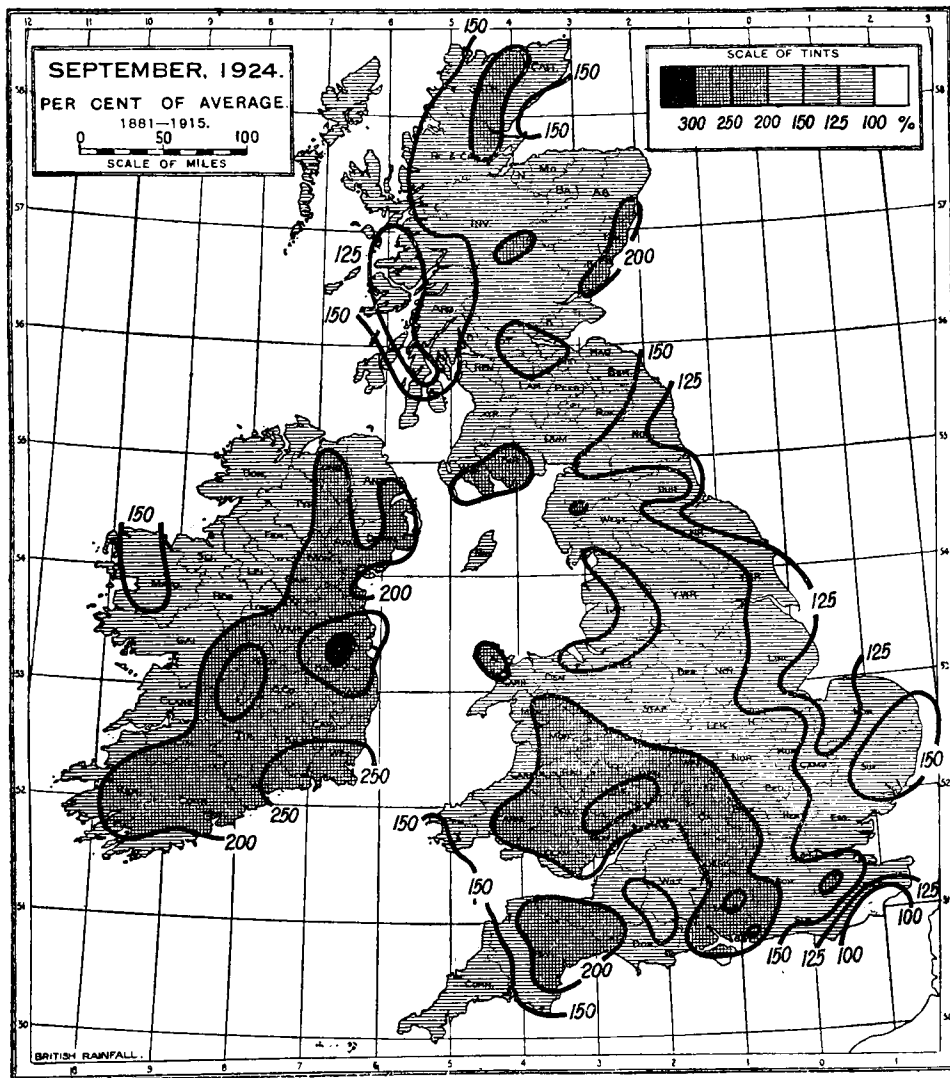
Rainfall, September, 1924.

everywhere markedly below the average. The prevailing winds were again westerly to south-westerly, the isobars of mean pressure trending mainly from WSW. to ENE.

The rainfall was in excess everywhere except in the south-east of Kent and Sussex, where at Tenterden only 86 per cent. of the average fell. Falls of less than 150 per cent. of the average were confined to

coastal regions mainly in south-east and east of England, west of Scotland and in Mayo. Amounts more than twice the average were widespread in the south-west of England and Wales and in the south-eastern half of Ireland. At Straffan House, in Kildare, the fall reached 317 per cent. of the average.

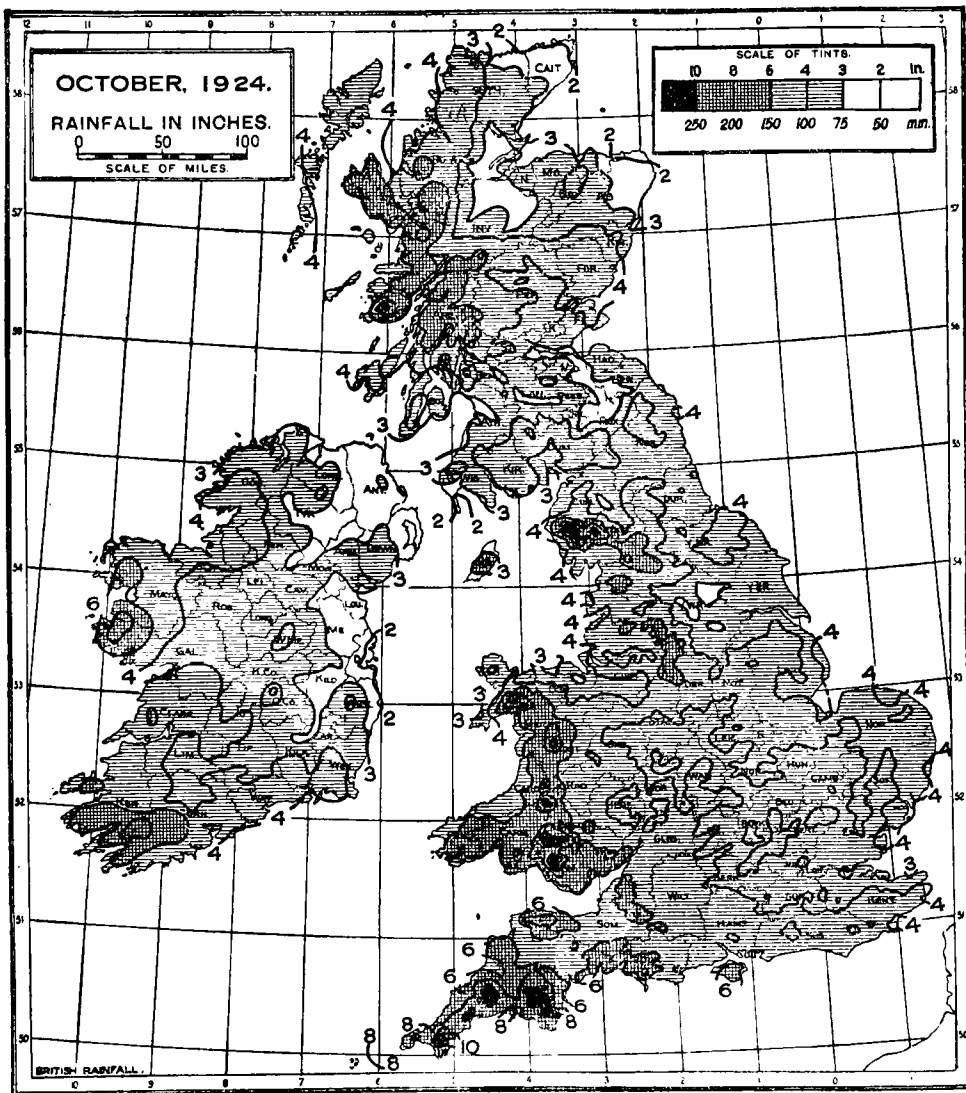
The general percentage values for September were as follows :



Rainfall, September, 1924, as per cent. of average.

England and Wales, 172 ; Scotland, 173 ; Ireland, 216 ; British Isles, 182. September has already given some very wet months, e.g., in 1918 and in 1896. In September, 1924, Ireland, with rather more than twice the average, experienced the wettest September, with the one exception of 1918, since before 1881. In the last seven Septembers only one, that of 1921, had a rainfall below the average.

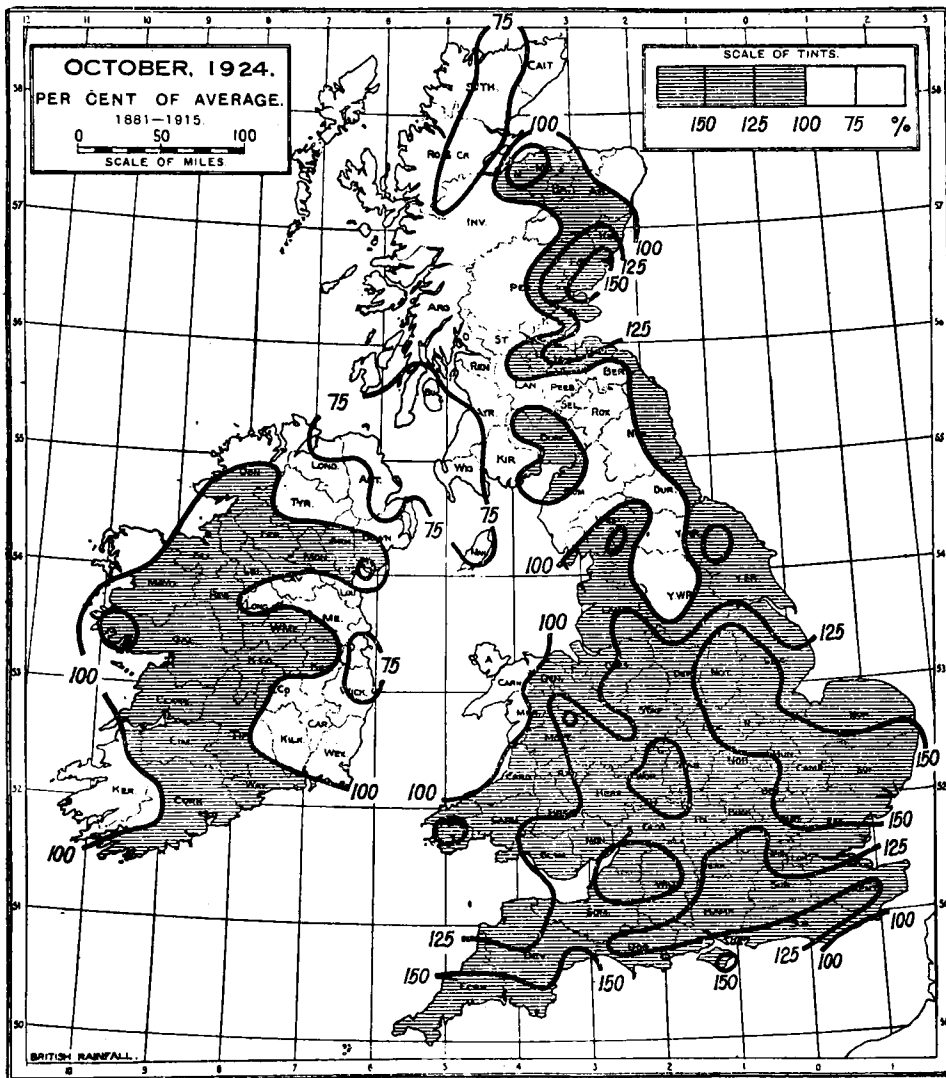
October was generally warm with a deficient sunshine except in the north, and excessive rain in the east and south. The mean pressure was below the average generally, except in parts of eastern and southern England. The prevailing winds were south-westerly, the isobars of mean pressure trending from SSW. to NNE. except over eastern England.



Rainfall, October, 1924.

Heavy rain was widespread in the southern half of England on October 7th, and at St. Austell, Cornwall, the fall of 3.46 in. was the largest recorded there in one day since 1865. Over the greater part of Cornwall the fall exceeded 2 in. and serious floods ensued in some places. Rainfall below the average occurred in the north-west of England and Wales, over the western half of Scotland, and along the

coasts of Ireland, especially in the east. The fall was less than 75 per cent. in the north and south-west of Scotland, the north-east of Ireland and in the neighbourhood of Dublin. The fall was nowhere less than half of the average. Falls of 150 per cent. and more were confined to areas in Great Britain, of which the largest was that stretching from

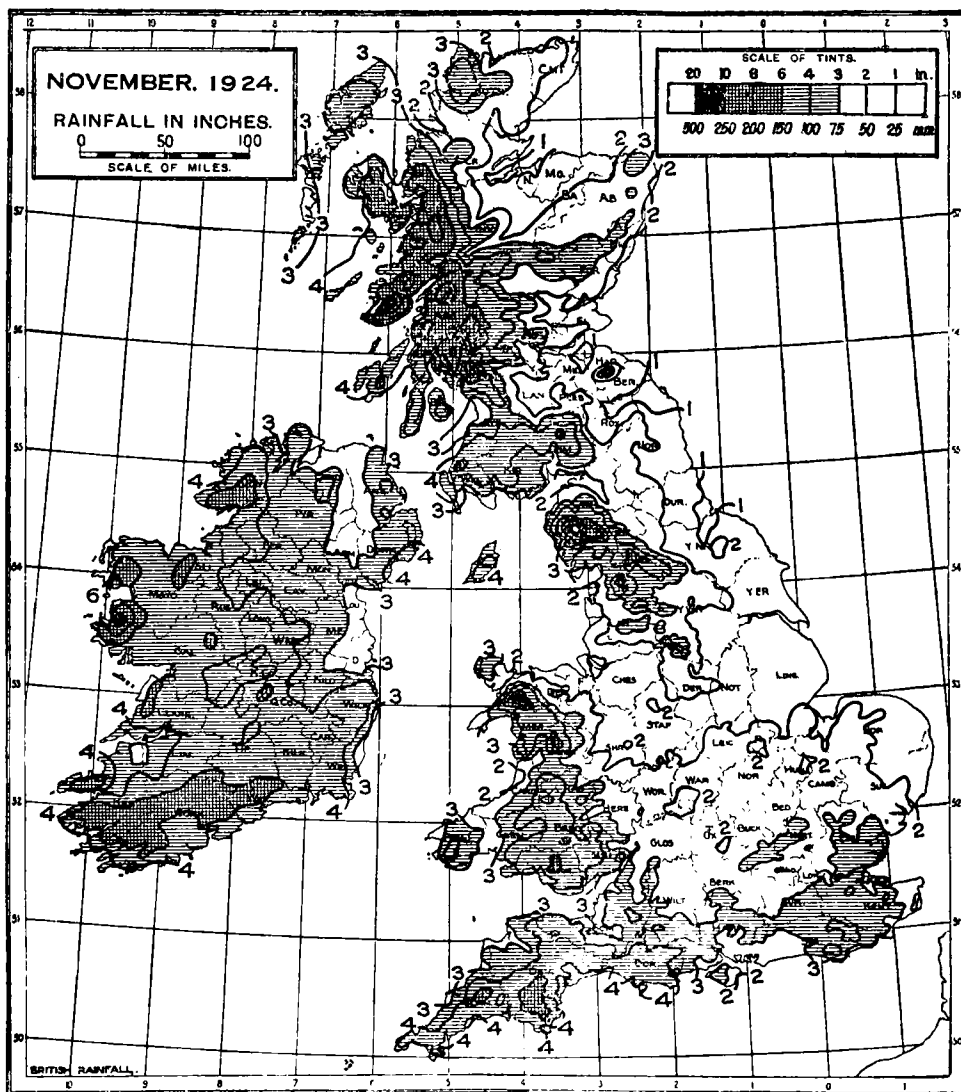


Rainfall, October, 1924, as per cent. of average.

Nottingham to the coast of Suffolk. In this region as much as 4·73 in. or 182 per cent. of the average was recorded at March, in Cambridgeshire.

For the British Isles as a whole the rainfall was again above the average, although only by 12 per cent. In the last seven years all the Octobers have been dry with the exception of the last two, viz., 1923 and 1924.

November was warm and dry in the north. The mean pressure was everywhere above the average. The isobars of mean pressure show an area of high pressure over south-east England. Over Scotland and Ireland the trend of the isobars was from SW. to NE., the

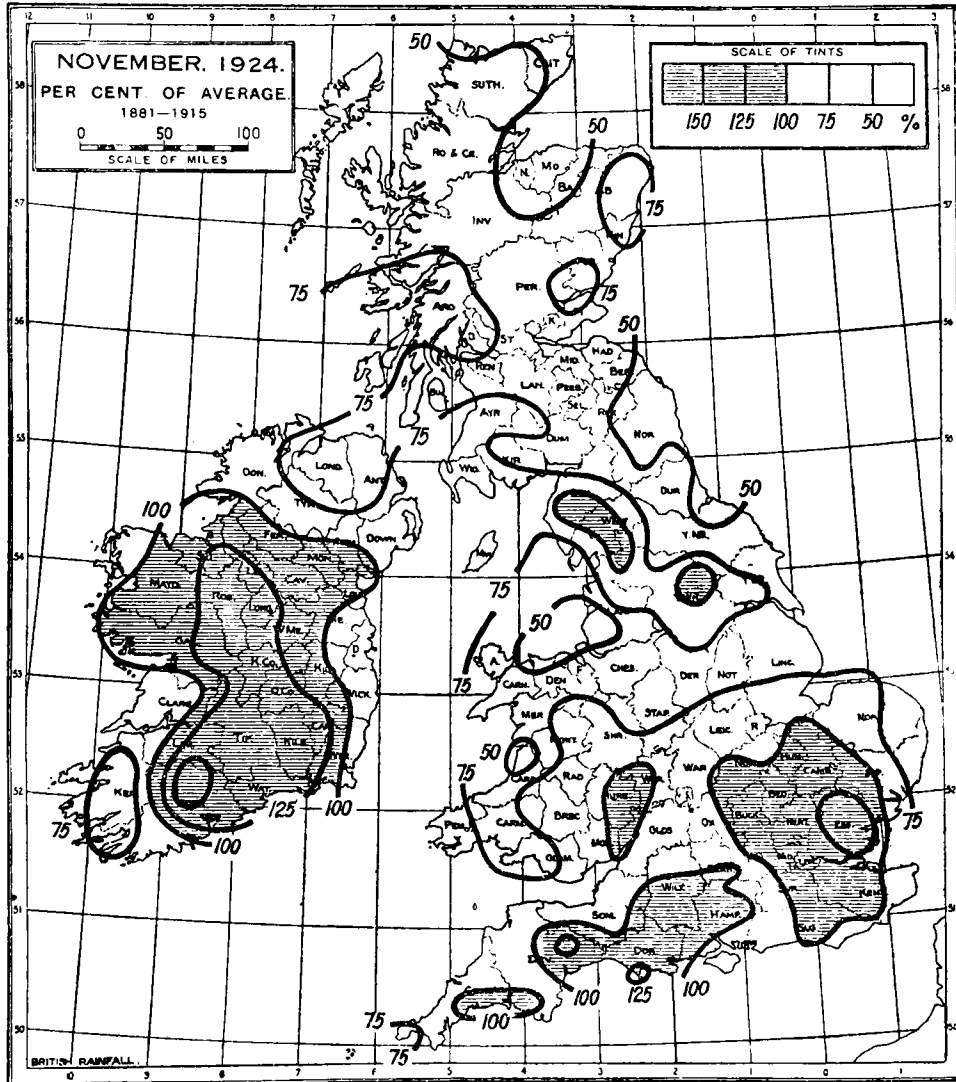


Rainfall, November, 1924.

prevailing winds being south-westerly to westerly. November was more remarkable for strong winds than for rain.

For the first time since March the monthly rainfall for the British Isles as a whole was below the average. The fall for the month was

less than 50 per cent. of the average in coastal strips of the extreme north-east of England, the north and north-east of Scotland, in the neighbourhood of Aberystwyth and the Cheshire Plain. Falls of more than 125 per cent. of the average were common over a large part of Ireland stretching from Sligo to Waterford, but elsewhere were confined

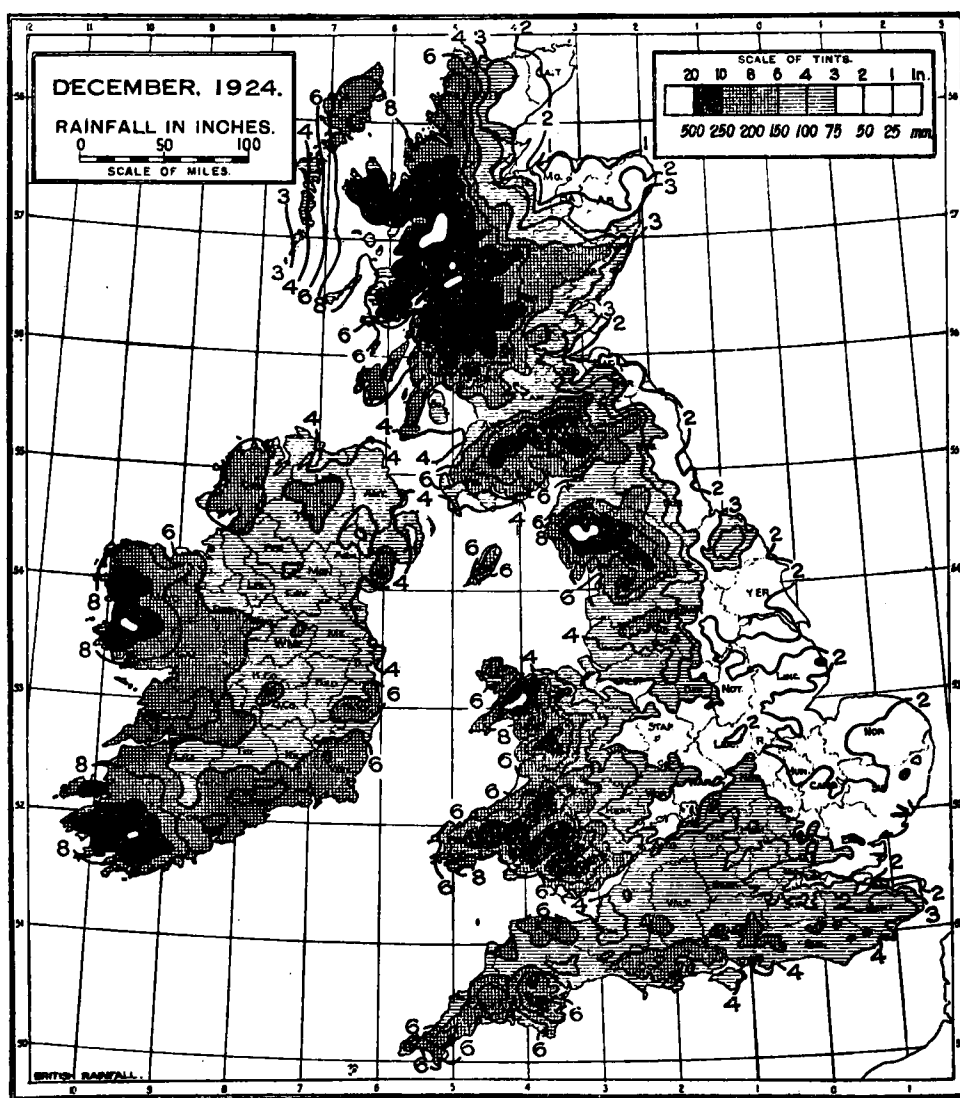


Rainfall, November, 1924, as per cent. of average.

to small areas in the south of England. In the north of Co. Cork the fall exceeded 150 per cent. of the average.

For the British Isles as a whole, November with 84 per cent. of the average was the seventh November with rainfall below the average out of the last eight.

December was warm and genetally wet and stormy. The mean pressure was below the average. The isobars of mean pressure ran from SW. to NE. and the gradient for south-westerly winds was decidedly steep compared with the average. The number of depressions and their attendant secondaries was very large.

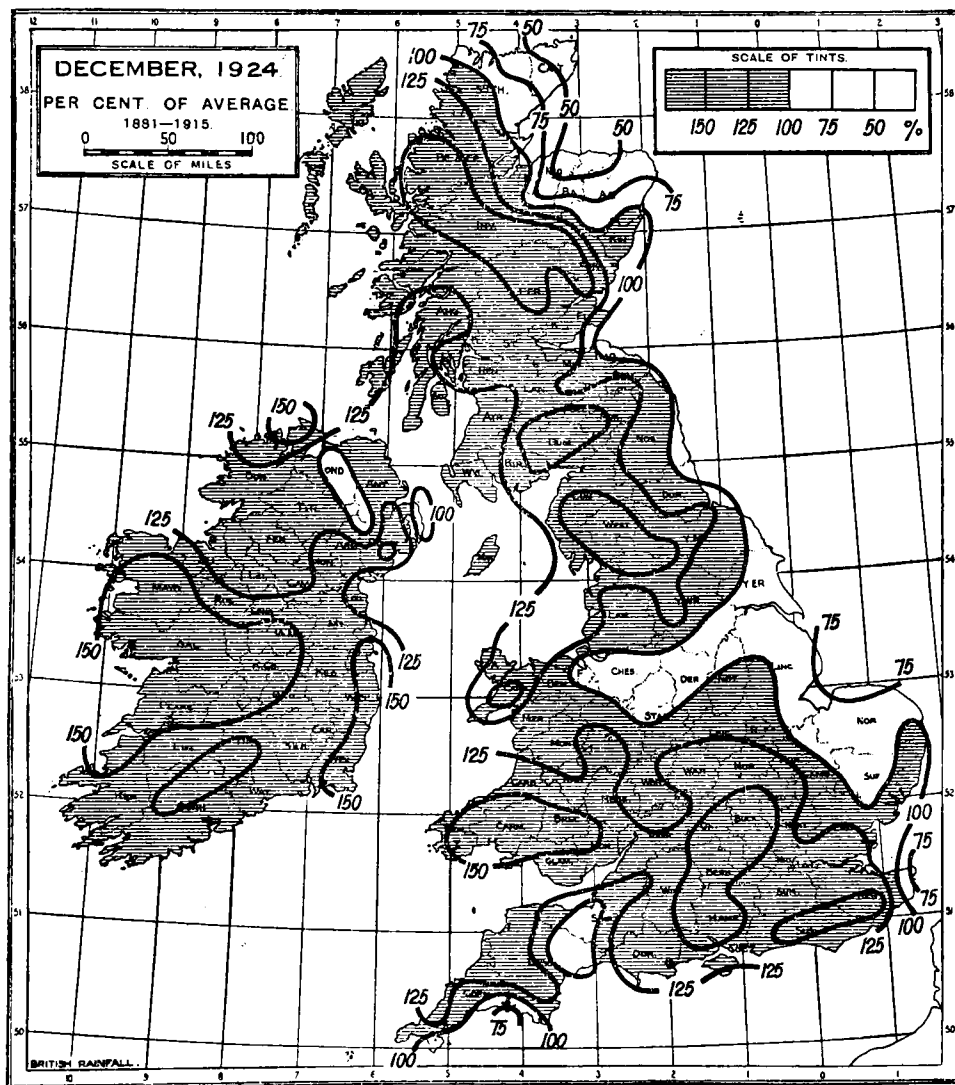


Rainfall, December, 1924.

There was not much rain in the first half of December—a great fog covering the country during the second week of the month. In the Thames Valley rain was persistent in the last week and continued into January. Rainfall at such a time of the year, when the soil is everywhere saturated and the evaporation small, is likely to cause floods. Such was the case in the Thames Valley on December 24th, and floods

became more serious towards the end of the month and in the beginning of January, 1925.

Deficient rainfall occurred along the east coast of Great Britain (stretching inland as far as Cheshire), to parts of Devon, Cornwall and Somerset and to a narrow strip in the north-east of Ireland. It was only along the north-east coast of Scotland that less than 50 per cent.



Rainfall, December, 1924, as per cent. of average.

occurred. More than 150 per cent. of the average fell over a large number of areas, distributed irregularly over the British Isles. Falls exceeding 175 per cent. were common, but the fall nowhere reached twice the average.

For the British Isles generally the December of 1924 was the wettest since that of 1919.

TABLE XIX.—MONTHLY RAINFALL AT 397 STATIONS IN THE BRITISH ISLES DURING 1924.
ENGLAND.

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
London	2 St. Pancras (Camden Square)	2.75	.65	.73	3.14	3.14	2.47	5.69	2.72	2.59	3.52	2.50	3.18	33.08
Surrey	6 Haslemere (Hazelhurst).....	3.37	1.00	1.90	4.07	5.52	3.61	5.08	3.67	6.37	5.06	3.73	6.13	49.51
"	6 Woking (The Green).....	2.50	.45	.83	3.32	3.26	3.00	4.01	3.16	3.92	3.62	2.62	3.41	34.10
Kent	1 Tenterden (View Tower)	2.54	.87	1.74	2.86	5.01	1.82	3.26	3.12	1.83	4.57	3.29	5.00	35.91
"	1 Folkstone (Cheriton Road)...	2.56	.77	1.22	2.57	2.87	1.74	3.61	2.97	2.58	4.69	3.01	3.56	32.15
"	2 St. Peter's Court	2.19	.91	1.02	2.05	3.04	1.67	2.57	1.80	2.48	3.59	2.25	1.97	25.54
"	3 Teynham (New Gardens)	2.30	.52	.91	3.05	2.51	1.46	2.62	2.48	1.97	3.32	3.13	3.06	27.33
"	4 Rochester (Knight's Place) ...	2.61	.82	1.13	3.72	2.61	2.29	3.24	2.86	2.29	3.68	3.47	3.40	32.12
"	5 Westerham (Quebec Square)...	3.11	.98	1.55	4.64	3.77	2.91	4.84	3.98	4.50	3.76	3.81	4.34	42.19
Sussex	1 Selsey (Large Acres).....	3.02	.50	1.62	2.31	3.42	1.91	2.46	2.53	4.85	4.39	2.07	4.30	33.38
"	3 Worthing (Victoria Park).....	2.14	.41	1.54	2.59	3.06	3.02	3.12	2.51	3.02	4.44	2.14	4.66	32.65
"	4 Balcombe (The Gables).....	2.85	.99	2.08	3.70	4.50	3.64	5.15	3.57	4.33	4.35	3.48	6.27	44.91
"	5 Eastbourne (Wilmington Sq.)	2.30	.67	1.92	2.59	2.83	1.83	2.61	3.33	2.44	4.64	2.97	4.00	32.73
"	5 Hastings (Cemetery).....	2.77	.86	1.79	2.67	3.94	1.64	2.97	3.42	1.79	4.49	3.56	3.54	33.54
"	7 Crowborough (Uckfield Lodge)	3.32	1.28	2.30	4.43	5.15	2.88	5.30	4.28	4.06	5.60	4.46	5.99	49.05
Hampshire	1 Totland Bay (Aston House)...	2.85	.28	1.72	2.53	3.34	1.94	3.15	2.59	4.65	5.43	2.66	4.09	35.23
"	4 Upper Somborne (Clock Ho.)...	3.53	.55	1.59	3.62	4.19	2.20	4.94	2.14	4.42	4.54	3.55	6.85	42.12
"	5 Bps. Waltham (Swanmore Ho.)	4.30	.67	1.84	4.22	4.47	2.68	5.06	4.17	7.32	5.52	3.24	6.45	49.94
"	8 Sherborne St. John Rectory...	2.33	.39	.80	3.27	2.78	2.66	3.77	2.56	4.14	4.07	2.67	4.72	34.16
Berkshire	4 Upton Nervet Rectory	3.24	.51	.92	3.17	3.86	2.81	3.79	2.59	3.43	3.68	2.79	4.55	35.34
"	5 Upton (Manor House)	2.87	.31	.74	2.49	3.53	2.07	3.52	1.76	3.72	3.23	2.15	3.93	30.32
Hertfordshire ...	2 St. Albans (County Museum)	3.25	.46	.74	3.16	4.55	2.43	4.10	2.02	3.61	4.00	3.29	3.88	35.49
"	3 Royston (Therfield Rectory)...	2.72	.56	.71	3.00	4.21	2.32	4.50	2.53	2.86	4.12	2.85	3.08	33.46
Buckinghamshire	3 Slough (Upton)	2.69	.48	1.15	2.91	3.56	2.56	3.79	2.36	3.02	3.42	2.75	3.54	32.23
"	3 Hampden House.....	3.14	.62	1.42	3.09	8.04	2.99	4.53	2.64	3.41	4.28	3.03	4.24	41.43
"	5 Wolverton (St. George's Vic.)	2.42	.41	.73	3.09	3.96	2.66	2.72	2.49	3.61	3.42	2.97	3.45	31.93
Oxfordshire	2 Wootton Rectory.....	3.14	.32	.78	3.53	5.19	2.34	3.25	2.15	3.81	3.51	2.39	4.28	34.69
Northamptonshire	1 Naseby Reservoir	2.33	.68	.73	3.28	3.67	1.83	3.13	2.49	3.17	3.95	2.55	3.00	30.81
"	4 Wellingborough (Swanspool)...	2.36	.52	.69	3.11	4.00	1.64	3.10	2.04	2.61	4.39	2.48	2.96	29.90
Huntingdonshire	1 St. Ives (Slepe House).....	2.11	.86	.48	3.10	4.13	2.06	3.58	1.94	2.24	3.44	2.10	1.80	27.84
Bedfordshire	3 Shefford (Stondon Manor) ...	2.16	.84	.77	2.61	7.20	2.48	3.47	3.05	2.69	3.60	2.32	2.42	33.61
Cambridgeshire ..	2 Littleport (Highfield House)...	2.18	.99	.78	2.43	2.67	2.03	1.84	1.83	2.86	3.71	2.25	1.08	24.65

TABLE XIX.—(con.). ENGLAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Cambridgeshire ..	Wisbech (Bank House)	2.24	.98	.53	1.88	4.01	1.76	2.60	1.32	2.78	4.62	2.19	1.35	26.26
	Leigh (Harley Street)	2.40	.65	.57	2.57	3.03	1.79	3.14	2.25	2.28	3.45	3.70	2.38	28.21
	Ongar (Marden Ash)	2.41	.46	.97	3.13	4.11	2.10	3.10	3.55	2.86	3.44	2.83	2.81	31.77
Essex	Bradwell-on-Sea (Bradwell Hall)	2.39	.72	.56	2.65	3.26	1.66	3.10	2.65	1.74	4.17	3.06	2.55	28.51
	Shalford (Littles)	2.49	.87	.71	2.49	5.22	2.72	3.19	2.26	2.76	3.80	3.06	2.41	31.98
	Capel St. Mary School	2.14	.94	.75	2.84	5.05	1.51	3.11	3.56	2.44	4.84	2.43	2.60	32.21
Suffolk	Hawkedon Rectory	2.59	1.19	.51	2.64	4.50	1.48	3.41	2.44	3.19	4.10	2.80	2.05	30.90
	Orford (The Gables)	2.03	1.27	.52	2.32	2.48	2.19	2.36	2.47	3.57	4.59	1.65	2.88	28.33
Norfolk	Halesworth Rectory	2.09	1.84	.68	2.17	4.65	1.60	2.86	3.00	4.05	4.71	1.59	2.55	31.79
	Yarmouth (Burgh Hall)	1.85	1.51	.44	2.09	4.41	1.66	2.95	2.02	2.71	4.48	1.51	2.43	28.06
	Drinkstone	2.48	1.04	.44	2.22	4.04	2.09	3.22	2.93	3.14	3.96	4.06	2.14	31.76
Dorsetshire	Diss (The Cedars)	1.85	1.20	.45	2.15	3.47	1.54	2.25	2.45	3.22	3.69	1.47	2.05	25.79
	Wymondham	2.38	1.64	.80	2.39	4.56	2.39	2.02	2.97	4.29	4.32	1.68	2.78	32.22
	Aylsham (Rippon Hall)	2.35	1.99	.70	1.74	3.09	1.51	1.72	2.88	3.09	4.11	1.50	2.56	27.24
Wiltshire	Sandringham House Gardens..	2.44	1.57	.53	1.89	3.72	1.58	2.52	2.51	2.57	4.77	2.52	1.96	28.58
	Blakeney	2.38	1.05	.64	1.48	3.60	.96	1.75	1.77	2.42	3.75	1.89	1.59	23.28
	Thetford (Waterworks)	2.16	1.01	.59	2.28	2.91	1.44	2.58	2.81	4.53	4.03	2.24	1.78	28.36
Dorsetshire	Swaffham	2.27	1.24	.81	2.18	2.59	1.46	1.90	2.37	2.62	3.94	2.08	2.17	25.63
	Bradford (Manvers House)	3.74	.15	1.36	3.00	5.39	2.30	3.61	2.38	3.10	5.16	3.03	4.87	38.09
	Mere (Charnage)	4.42	.64	1.72	3.26	4.88	2.11	4.13	5.00	3.95	5.57	3.58	4.88	44.14
Dorsetshire	Larkhill (School of Artillery) ..	3.15	.20	.99	3.00	4.03	2.32	3.77	2.46	3.59	4.23	2.71	4.75	35.20
	Marlborough (Mildenhall)	3.53	.32	1.14	3.39	6.03	2.15	4.16	2.10	5.79	4.33	2.47	5.00	40.41
	Weymouth (Springfield)	4.66	1.34	1.51	2.46	3.98	1.73	3.22	2.18	3.27	5.51	4.00	5.00	38.86
Dorsetshire	Beaminstor (Hamilton Lodge)	4.46	.99	1.96	4.05	6.63	2.58	5.32	3.17	5.97	6.46	4.89	6.23	52.71
	Winterbourne Whitchurch Vic.	4.42	.63	2.33	3.32	5.56	2.13	4.19	3.45	4.63	5.54	4.09	6.24	46.53
	Wimborne (Codford House)	4.17	.55	1.86	3.58	4.82	1.91	3.47	3.82	4.06	4.65	3.68	6.34	42.91
South Devonshire	South Brent (Great Aish)	8.82	2.73	3.83	6.62	7.48	2.77	7.77	7.17	7.72	11.86	6.41	11.51	84.69
	Teignmouth (Den Gardens)	4.40	1.38	1.88	3.08	5.03	2.84	4.40	2.87	4.65	5.99	3.25	4.53	44.30
	Crediton (Okefield)	5.05	1.29	1.54	2.62	3.10	1.62	3.53	3.94	4.11	4.63	4.34	3.37	39.14
North	Ottery St. Mary (West Hill) ..	4.93	1.29	1.50	3.18	4.33	3.05	4.42	3.66	5.51	5.60	4.02	4.39	45.88
	Morthoe (Twicken House)	4.67	.48	1.93	3.43	2.49	2.25	5.30	4.26	5.41	5.46	3.02	5.37	44.07
	Chulmleigh (Leigh House)	4.36	.90	1.69	3.46	3.76	2.41	3.72	5.27	5.09	4.87	3.22	4.59	43.34

TABLE XIX.—(con.). ENGLAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Warwickshire .. 1	Coventry (Keresley Grange) ..	2.64	.82	.91	3.48	4.89	2.31	3.16	2.87	4.26	4.48	2.37	3.01	35.20
" .. 3	Farnborough	3.04	.50	1.35	3.14	6.15	1.49	3.36	3.62	4.42	4.21	2.73	3.97	37.98
Leicestershire .. 4	Loughboro' (Nan Pantan Res.)	2.40	.70	1.01	2.42	4.16	2.28	3.63	2.66	2.98	4.73	2.26	2.79	32.02
" .. 4	Belvoir Castle Gardens	1.91	.85	.54	1.67	3.58	2.29	2.35	2.66	2.73	4.40	1.93	2.82	27.73
Rutlandshire ... 1	Uppingham (Ridlington)	2.23	.74	.72	2.19	3.23	2.78	3.10	2.24	2.64	4.85	1.83	2.54	29.09
Lincolnshire ... 2	Market Deeping (Wilsthorpe) ..	1.83	.60	.43	1.13	2.82	1.87	2.22	1.35	1.71	4.56	1.79	1.48	21.79
" .. 3	Boston (Black Sluice, Skirbeck)	1.97	1.05	.69	1.80	2.93	2.01	1.97	1.99	2.12	4.06	1.78	1.83	24.20
" .. 3	Sleaford (Kesteven Mental Hos.)	2.00	.86	.54	1.67	3.10	1.89	1.96	2.11	1.56	4.02	1.72	1.93	23.36
" .. 3	Willingham-by-Stow	1.85	.97	1.19	1.54	2.52	1.59	2.15	2.49	2.60	4.33	1.58	1.85	24.66
" .. 4	Skegness (Marine Gardens) ..	1.95	.80	.57	1.49	2.65	.98	1.77	1.80	2.18	4.07	1.53	1.60	21.39
" .. 4	Louth (Westgate)	1.77	1.04	.65	1.65	2.50	1.62	2.42	1.93	3.03	3.91	1.76	2.50	24.78
" .. 5	Brigg (Bridge Street)	2.17	1.09	.97	1.22	2.64	1.57	2.13	2.18	2.36	3.98	1.36	2.00	23.67
Nottingham ... 2	Newark	1.91	.86	1.03	1.54	2.69	1.79	2.11	2.33	2.19	4.28	1.22	2.81	24.76
" .. 5	Mansfield (West Bank)	2.17	1.20	1.15	2.07	3.25	1.57	2.49	2.87	2.42	4.84	2.04	2.66	28.73
Derbyshire ... 5	Littleover (The Knoll)	2.29	.64	.88	2.07	3.64	2.04	2.74	3.23	2.79	3.84	1.57	2.23	27.96
" .. 6	Matlock Bath (Lower Tower) ..	2.90	1.05	1.18	2.67	3.64	2.71	4.72	4.24	3.38	5.59	2.18	3.36	37.62
" .. 6	Buxton (Devonshire Hospital)	4.40	1.63	1.40	2.68	5.29	2.70	5.37	8.03	5.29	7.17	2.56	4.91	51.43
Cheshire ... 1	Altrincham (Barrington House)	2.86	.75	1.15	2.06	5.13	2.24	3.83	6.22	3.41	3.90	1.35	3.83	36.73
" .. 2	Middlewich (Bostock Hall) ..	2.41	1.14	.98	1.88	5.07	2.19	4.74	4.99	3.16	3.48	1.41	2.85	34.30
" .. 4	Eccleston	2.40	.62	.97	2.02	5.68	1.81	5.64	4.19	3.37	3.48	1.51	3.00	34.69
" .. 4	Neston (Vine House)	1.74	.63	.52	1.73	5.38	1.73	5.96	4.25	3.45	3.16	1.70	2.91	33.16
South Lancashire 3	Bolton (Bloomfield, Heaton) ..	3.46	1.62	1.84	2.00	5.41	2.73	4.75	8.14	4.55	4.79	2.21	3.93	45.43
Central " 1	Burnley (Swinden)	3.64	1.51	1.48	2.47	5.20	3.20	4.24	6.05	5.55	4.82	2.81	6.66	47.63
" .. 3	Southport (Hesketh Park) ..	2.74	.76	1.15	1.43	5.21	1.91	4.28	4.43	4.71	4.02	1.50	4.31	36.45
North " 4	Lancaster (Greg Obsy.)	4.08	.69	1.68	1.62	6.53	3.31	3.57	5.05	5.46	5.57	2.97	7.06	47.59
" .. 5	Barton (Newsham House) ..	3.52	.83	1.86	1.64	5.45	3.11	4.31	5.40	4.61	3.95	2.23	4.69	41.60
Yorkshire, W.R. 2	Settle (Gas Works)	4.11	1.02	1.38	2.33	5.60	1.98	5.45	4.84	5.00	4.86	3.38	8.12	48.07
" .. 7	Sheffield (Stumperlow Hall) ..	2.53	1.45	.95	2.38	4.39	2.05	3.46	3.87	4.29	4.86	2.38	3.44	36.05
" .. 7	Doncaster (Avenue Road)	1.66	.77	1.21	1.51	3.17	1.79	2.51	4.35	2.47	3.63	1.67	2.15	26.89
" .. 8	Meltham (Harewood Lodge) ..	3.96	1.99	1.35	2.48	6.01	2.12	3.58	4.38	5.00	5.63	2.66	6.81	45.97
" .. 9	Garforth (Manor Farm)	1.77	.79	1.10	1.45	3.79	1.34	3.13	2.44	2.54	3.09	1.74	2.14	25.32
" .. 10	Ilkley (Spence's Garden)	2.67	1.27	1.45	2.08	5.21	2.63	4.85	3.27	3.63	3.66	2.54	4.20	37.46

TABLE XIX.—(con.). ENGLAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Yorkshire, W.R.	10 York (Cherry Hill)	2.65	.86	1.20	1.90	3.39	1.67	2.49	2.47	2.10	2.61	1.92	1.69	24.95
"	10 Buckden	5.28	.95	1.90	2.83	7.62	2.70	6.61	6.26	6.23	6.62	5.04	9.54	61.58
"	11 Knaresborough (The Abbey) ..	2.16	.86	1.35	1.71	4.38	1.52	3.10	2.78	2.97	2.97	2.52	2.83	29.15
E.R.	2 Birdsall Gardens	2.76	1.59	1.23	2.17	3.81	1.79	4.59	2.68	2.98	3.40	1.77	2.94	31.71
"	3 Patrington (Rose Cottage)	1.97	1.05	.54	1.13	2.89	1.19	2.63	2.84	2.34	3.53	1.49	1.67	23.27
"	3 Holme-on-Spalding Moor	2.26	1.12	1.19	1.93	3.68	1.96	2.90	2.90	2.34	3.51	1.59	2.65	28.03
"	3 Beverley (E. Riding Mental Hosp.)	2.40	1.19	1.08	1.34	3.86	2.35	3.92	3.23	2.49	3.12	1.69	1.95	28.62
"	4 Bridlington (Corpn. Nurseries) ..	2.36	1.54	1.15	1.52	3.44	1.42	4.04	2.57	1.86	3.72	1.72	2.13	27.47
"	1 Masham Moor (Roundhill Res.) ..	3.65	1.27	2.25	2.70	7.20	2.38	6.74	3.61	5.40	5.09	3.52	6.43	50.24
"	2 Felixkirk (Mount St. John) ...	1.74	1.79	1.14	1.79	4.63	1.89	2.43	3.21	2.38	4.23	1.53	2.93	29.69
"	2 Reeth (Arkengarthdale)	3.65	1.02	1.52	2.14	6.44	2.65	5.53	2.82	4.82	5.45	2.16	7.05	45.25
"	4 Thornton Dale (High Dalby Ho.) ..	2.42	2.37	1.46	2.24	4.36	2.02	4.72	2.05	2.61	4.13	1.34	2.42	32.14
"	5 Whitby (Mulgrave Castle)	1.83	1.19	.91	1.69	4.65	1.77	4.64	2.01	2.76	4.50	1.50	2.75	30.20
"	6 Middlesbrough (Albert Park) ..	1.51	1.27	1.01	1.79	3.82	1.49	3.61	3.32	1.83	3.05	.70	2.64	26.04
"	2 Weardale W.W. (Waskerley) ..	2.32	.96	1.21	1.40	5.93	2.26	4.44	2.47	4.08	4.17	2.20	3.68	35.12
"	2 Sunderland (W. Hendon Ho.) ..	1.98	1.46	1.09	1.84	6.88	2.45	5.73	2.43	2.36	3.99	1.27	1.73	33.21
Northumberland	3 Corbridge (Howden Dene) ...	1.78	.92	.87	1.37	5.11	1.50	3.75	2.27	2.53	3.20	.98	2.08	26.36
"	4 Bellingham (High Green Manor) ..	2.73	1.04	1.03	1.59	3.95	.92	4.65	2.65	3.30	3.49	1.62	4.25	31.22
"	5 Morpeth (Cockle Park)	2.53	1.26	.95	1.64	6.12	2.26	5.86	2.67	2.78	3.38	1.19	2.38	33.02
"	5 Font. Res. (Tynemouth W.W.) ..	2.73	1.69	1.09	2.04	6.25	1.61	5.88	2.30	3.23	4.44	2.30	2.80	36.36
"	6 Glanton (Glanton Pyke Gardens) ..	2.32	1.02	.58	1.51	4.44	2.44	4.15	1.92	2.52	2.92	1.15	2.49	27.46
"	6 Kirknewton (Coldburn)	1.47	1.54	.62	1.63	5.51	2.31	8.38	4.85	4.07	5.91	2.57	7.60	46.46
"	1 Penrith (Benson House)	3.26	.67	.88	1.72	4.00	1.47	3.99	1.99	4.90	2.98	2.93	7.42	36.21
Cumberland	1 Geltsdale	2.90	1.11	1.05	2.22	3.56	2.19	4.57	5.28	4.60	3.25	2.49	4.61	37.83
"	1 Carlisle (Scaleby Hall)	3.34	.77	1.13	1.98	3.76	1.52	3.90	3.79	3.42	3.34	2.05	4.47	33.47
"	3 Whitehaven (Irish Street)	5.06	.54	1.05	2.31	4.78	3.27	4.48	4.34	6.10	4.77	3.00	9.28	48.98
"	4 Silecroft (Old Chappels)	7.43	2.20	2.59	3.44	6.61	4.14	6.37	4.50	7.48	5.44	4.21	8.87	63.28
Westmorland	1 Kirkby Stephen (Redman Ho.) ..	4.38	.80	1.41	1.77	6.56	2.04	3.51	2.38	5.73	5.00	2.61	10.02	46.21
"	1 Appleby (Castle Bank)	3.79	.86	.93	1.81	5.82	1.75	5.02	2.64	4.99	3.92	2.11	7.82	41.46
"	2 Mickleden	12.86	2.50	3.92	6.52	10.62	7.74	10.97	9.09	19.98	11.35	15.02	25.47	136.04
"	3 Kendal (Crosthwaite Vic.)	5.23	.78	2.90	2.82	6.88	3.30	5.59	4.01	7.42	5.04	4.14	11.45	59.56

TABLE XIX.—(con.). MONMOUTH AND WALES, AND THE ISLANDS.

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Monmouth	Newport W.W. (Nantypriidd).	5.35	.80	2.39	3.95	5.85	3.18	6.69	6.38	6.64	7.38	3.59	7.57	59.77
"	Abergavenny (The Chain)	6.32	1.27	1.69	4.22	4.21	1.67	5.45	3.12	5.83	5.02	4.17	7.31	50.28
Glamorgan	Swansea (Victoria Park)	5.87	.61	2.12	3.77	3.31	2.47	7.18	6.27	5.55	5.96	4.41	8.69	56.21
"	Bridgend (Highmead)	6.06	.71	2.38	3.61	3.91	2.45	7.22	9.06	6.33	6.35	3.88	5.39	57.35
"	Treherbert (Tyn-y-waun)	10.60	.83	4.12	8.15	6.80	4.97	8.97	11.27	13.79	12.05	6.75	16.95	105.25
"	Cardiff (Roath Park)	5.75	.73	2.14	3.42	5.01	2.53	6.25	6.21	7.02	6.59	3.85	7.21	56.71
Carmarthen	Carmarthen (The Friary)	5.61	.58	2.46	4.33	3.89	3.04	5.58	5.39	7.97	5.85	2.93	9.88	57.51
"	Llandovery (Nantyrhogfaen).	5.31	1.12	2.10	4.82	5.04	3.75	5.13	7.55	7.30	6.92	3.35	8.67	61.06
Pembroke	St. Davids	5.12	.65	1.56	2.45	2.05	2.55	4.61	2.76	3.64	4.66	2.36	4.78	37.19
"	Saundersfoot (Hean Castle)....	3.96	.41	2.27	3.05	3.79	2.93	5.46	4.02	4.79	6.47	2.28	6.95	46.38
"	Haverfordwest (Grammar Schl.)	7.89	.72	2.63	3.02	3.53	3.62	6.59	5.01	5.67	7.55	4.12	9.76	60.11
"	Fishguard (Langton, Dwrbach)	6.10	.57	2.27	3.34	3.24	2.73	4.58	3.72	5.01	5.49	3.69	8.39	49.13
Cardigan	Aberystwyth (Gogerddan)....	5.17	.99	2.61	2.54	5.13	4.16	5.78	6.85	7.24	5.81	1.99	6.73	55.00
"	Cardigan (County School)	4.89	.91	1.61	3.33	3.70	2.95	5.69	3.65	5.41	4.35	2.40	7.52	46.41
"	Lampeter (Falcondale)	5.94	.91	1.54	4.41	4.21	3.14	5.37	6.19	6.80	5.69	3.36	8.52	56.08
"	Swansea W.W. (Cray Res.) No.1	8.18	1.35	3.33	7.37	5.50	4.76	6.83	8.33	9.99	9.58	5.43	15.23	85.88
"	Birmingham W.W. (Cois-yr-hwch)	9.63	3.20	3.75	8.30	11.12	4.82	10.17	11.80	12.33	10.89	7.20	15.75	108.96
Radnor	Llandrindod Wells (Kimberley)	3.85	.33	1.77	3.89	5.06	2.65	5.33	4.49	5.98	5.12	3.39	6.18	48.04
Montgomery	Newtown (Penarth Weir)	2.29	.37	1.68	3.48	4.21	2.57	5.27	4.05	4.84	4.34	2.71	5.73	41.54
"	Carno (Council School)	4.42	1.15	1.97	4.07	6.05	2.58	6.08	6.07	5.46	6.57	3.03	8.52	55.97
"	Llandysilio Rectory	2.58	.28	1.06	2.86	4.56	2.16	3.98	3.00	3.16	4.68	2.21	3.78	34.31
"	Lake Vyrnwy	5.78	.83	2.61	4.89	8.14	4.18	7.51	6.64	7.54	8.76	4.66	8.32	69.86
Flint	Rhyl Sewage Works	1.77	.49	.59	1.92	4.42	1.75	3.48	3.22	3.96	2.94	1.31	3.53	29.38
Denbigh	Wrexham (Packsaddle Res.) ..	2.85	.65	1.52	2.16	6.29	1.34	5.28	3.66	3.92	4.39	2.44	4.43	38.93
"	Gyffylliog (Fachlwyd Hall) ...	3.20	1.11	1.02	2.51	5.04	1.83	5.29	3.31	5.09	4.12	2.18	5.11	39.81
"	Pentre Foelas (Voelas Hall) ..	4.77	.96	1.50	3.57	7.19	2.67	5.11	5.76	7.95	6.65	3.19	8.29	57.61
Merioneth	Dolgelly (Bryntirion)	5.57	2.26	3.07	4.66	6.55	4.35	6.99	9.64	8.37	5.58	4.26	7.71	69.01
"	Trawsfynydd Camp	5.30	1.48	2.29	5.21	8.45	4.82	6.85	10.32	10.35	6.64	5.89	11.49	70.09
Carnarvon	Llandudno	2.04	.49	.99	2.01	4.36	2.17	3.26	3.06	3.52	3.19	1.36	3.94	30.39
"	Bethesda (Penrhyn Quarries) ..	6.04	1.33	1.71	4.44	9.05	5.12	4.55	8.52	9.18	5.21	4.36	12.49	72.00
"	Abersoch	5.47	.89	1.73	3.49	5.85	3.13	4.91	4.88	5.92	3.91	3.18	7.75	51.11
"	Snowdon (Cwm Dyli)	11.38	2.95	3.74	7.60	13.38	7.75	8.98	17.57	16.06	11.15	8.19	21.49	130.24

TABLE XIX.—(con.). MONMOUTH AND WALES—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Anglesey	Holyhead (Salt Island).....	4.82	.60	1.44	2.81	4.76	2.83	3.63	3.13	6.20	3.28	3.03	4.83	41.36
"	Llanerchymedd(Llwydrth Esgr)	4.87	.78	1.49	2.90	5.70	2.46	3.46	4.97	6.00	3.88	2.61	5.50	44.62
ISLE OF MAN.														
Isle of Man	Douglas (Borough Cemetery) ..	5.55	1.02	2.86	3.73	5.11	3.43	5.76	5.48	6.52	3.28	4.31	6.12	53.17
"	Ramsey (North Promenade) ..	6.57	1.15	1.72	3.35	4.37	2.11	5.25	3.09	7.30	2.94	3.02	8.96	49.83
CHANNEL ISLANDS.														
Jersey	St. Aubins (Belle Vue)	3.11	1.07	2.66	3.37	2.23	.97	2.62	2.32	3.67	4.21	1.51	3.82	31.56
Guernsey	St. Martin's (Les Blanchés) ..	4.45	1.08	2.99	3.23	3.06	1.05	2.92	2.40	4.58	4.65	1.72	3.62	35.75
Sark	Pointe Robert	3.93	.55	3.13	3.55	2.45	1.27	3.11	3.15	3.90	4.55	2.06	4.60	36.25
Alderney	St. Anne's Rectory	3.53	1.49	2.22	3.41	2.16	1.32	1.95	2.93	4.31	4.98	1.84	4.72	34.86
SCOTLAND.														
Wigtownshire .. 3	Stoneykirk (Ardwell House) ..	5.50	1.03	2.15	2.67	3.31	2.69	4.31	3.64	5.86	1.94	3.97	4.45	41.52
" .. 4	Whithorn (Glasserton)	5.60	.92	2.05	1.86	3.58	2.65	4.45	4.09	6.15	3.22	2.56	4.44	41.57
" .. 4	Kirkcowan (Craigshaw)	6.81	1.09	1.72	2.51	4.40	3.39	5.38	5.10	8.61	3.61	4.08	6.85	53.55
Kirkcudbrightshire 3	Dalry (Glendaroch)	7.99	.83	1.22	3.56	4.06	2.63	5.31	4.82	7.68	4.55	3.76	8.84	55.25
" .. 4	Dalbeattie (Kirkennan)	6.02	.54	1.10	3.16	5.32	2.09	4.32	5.41	6.68	4.56	3.48	8.30	50.98
" .. 3	Durrisdeer (Drumlanrig Gdns.)	5.55	.65	1.40	3.00	4.45	2.14	5.40	4.41	5.58	4.74	3.39	8.85	49.56
Dumfriesshire .. 4	Dalton (Kirkwood)	5.57	.81	1.46	4.30	5.86	2.26	5.23	6.14	6.08	4.84	3.29	8.36	54.20
" .. 5	Langholm (Ewes, Sandyhaugh)	5.93	1.27	.90	3.11	5.91	2.44	6.48	4.08	5.89	4.71	3.75	10.53	55.00
Roxburghshire .. 3	Jedburgh (Jedneuk)	1.52	.70	1.06	.88	3.42	1.49	3.43	2.44	2.87	2.72	.96	3.11	24.60
Selkirkshire ... 2	Ettrick Manse	6.61	1.36	1.06	3.75	5.79	2.09	6.49	4.73	5.68	4.19	4.52	12.25	58.52
" .. 4	Caddonfoot (Fairnielee)	2.56	1.14	.76	1.86	3.90	1.36	4.72	2.18	3.18	2.73	1.71	4.62	30.72
Peeblesshire ... 2	Stobo Castle	3.15	.97	.61	1.86	2.85	1.15	4.31	2.97	3.49	2.40	1.99	6.27	32.02
Berwickshire ... 2	Earnsclough Burn (Blythe Rig)	2.74	1.52	.63	1.23	5.52	1.64	5.42	3.41	5.20	3.47	1.80	4.22	36.80
" .. 4	Marchmont House	2.49	1.36	.90	1.24	5.44	2.38	5.76	3.61	3.73	3.38	1.57	3.58	35.44
Haddingtonshire ... 5	North Berwick Reservoir	1.87	.78	.66	.76	4.46	1.69	4.00	2.55	4.07	3.78	1.50	1.68	27.80
Midlothianshire . 5	Pentland Hills (Harperrig) ..	3.29	.93	1.00	1.92	4.70	3.36	4.27	4.82	4.22	3.83	1.78	5.31	39.43

TABLE XIX.—(con.). SCOTLAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March.	April.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Midlothianshire 5	Edinburgh (Royal Observatory)	2.07	.61	1.01	1.04	4.46	1.76	4.22	3.05	2.81	3.39	1.11	3.07	28.60
Lanarkshire 4	Caldercruix (Hillend Reservoir)	3.27	.74	.84	2.37	5.28	2.30	4.15	4.09	4.01	3.85	2.49	5.22	38.61
" 5	Leadhills	9.75	1.70	1.12	5.43	5.51	2.92	6.64	8.36	8.11	5.91	5.41	11.47	72.33
" 5	Strathaven (East Overton Ho.)	3.87	1.06	1.24	2.39	4.46	1.94	3.73	3.92	5.28	4.27	3.02	5.96	41.14
Ayrshire 3	Dalry (Munnock Reservoir) . .	6.04	1.51	.93	3.50	5.31	3.53	4.39	4.65	5.81	3.92	3.84	6.39	49.82
" 6	Maybole (Culzean Castle Gdns.)	5.11	.64	1.50	2.27	3.92	2.27	2.55	3.82	6.06	2.59	2.77	4.67	38.17
" 8	Colmonell (Knockdolian)	5.70	1.24	.80	2.85	2.78	1.96	3.18	4.15	7.12	2.14	4.38	5.42	41.72
" 13	Glen Afton (Ayr Sanatorium) . .	5.43	1.17	.63	3.08	4.29	1.93	4.49	3.82	8.33	3.15	4.00	8.69	49.01
Renfrewshire 2	Houston Manse	6.39	0.80	1.00	2.31	5.23	2.56	3.39	3.36	5.47	3.87	4.78	8.38	47.54
Dumbartonshire 2	Cardross (Kilmahew)	5.07	1.20	.72	2.57	5.04	2.08	3.45	4.11	4.90	3.44	3.27	8.26	44.11
Stirlingshire 1	Falkirk (Westbank Garden) . .	3.58	.77	1.15	1.88	5.72	2.00	3.46	2.75	4.21	2.77	2.74	6.01	37.04
Buteshire 1	Rothsay (Ardencraig)	5.91	1.47	1.16	3.80	4.67	3.06	5.96	5.16	5.65	3.90	3.52	7.38	51.64
" 3	Arran (Dougarie Lodge)	4.33	1.22	.71	3.59	5.31	3.09	4.89	4.96	6.55	3.31	3.53	4.67	46.16
Argyllshire 2	Loch Sunart (Glenborrodale) . .	6.50	4.92	.75	4.25	4.08	4.47	4.80	5.76	7.91	5.97	5.37	9.72	64.50
" 3	Morvern (Kingairloch)	11.55	4.50	.82	6.76	6.05	6.65	10.00	10.62	12.57	7.39	7.55	18.03	102.49
" 5	Glen Etive	6.53	2.98	.18	5.21	2.64	5.76	7.15	7.79	12.91	7.21	9.90	16.28	84.54
" 6	Loch Awe (Ford)	6.17	2.80	.49	4.58	3.69	5.08	7.61	7.71	7.24	5.74	6.32	9.17	66.60
" 6	Dalmally (Manse of Glenorchy)	8.03	4.81	.58	4.62	3.80	5.43	9.35	6.80	8.49	5.99	6.59	13.72	78.21
" 7	Oban	5.82	1.29	.55	3.10	3.69	5.35	6.20	5.43	7.44	4.44	5.49	9.22	58.02
" 9	Musdale (Killeen Manse)	3.51	1.42	.58	2.07	3.39	2.07	3.25	4.46	4.93	2.46	3.08	4.82	36.04
" 10	Skipness Castle	4.77	1.81	.90	3.46	4.66	3.16	3.92	4.42	4.99	3.19	3.15	6.06	44.49
" 11	Ardishaig (Canal Office)	6.07	2.65	.99	4.11	4.58	4.91	7.18	7.00	6.60	5.15	5.79	7.60	62.63
" 11	Ardkinglas	8.30	2.24	.68	4.95	5.19	4.08	7.14	5.71	8.53	5.12	6.82	12.44	71.20
" 12	Loch Eck (Benmore)	9.12	3.84	1.83	6.32	6.59	4.80	8.12	6.61	9.25	5.82	8.45	16.58	87.33
" 14	Islay (Ellabus)	5.70	2.33	.59	3.88	5.56	3.33	5.68	6.40	6.56	4.79	4.77	7.83	57.42
" 14	Jura (Ardfin)	6.03	2.62	1.08	4.30	4.89	4.50	5.45	5.95	6.74	4.14	5.08	8.23	59.01
" 14	Mull (Iona Manse)	6.10	2.38	1.39	2.70	5.03	3.80	4.74	4.93	6.21	4.19	5.57	6.46	53.50
" 14	Mull (Glencannel)	10.68	5.92	1.01	8.13	5.49	11.84	10.75	9.07	10.78	7.17	13.16	16.20	110.20
" 14	Tiree (Cornaigmore)	4.29	2.60	.43	3.87	3.31	2.26	3.34	3.88	4.32	4.54	4.27	9.42	46.53
Fifeshire 2	Kirkcaldy (Munro Street)	2.63	.86	1.12	1.08	4.60	1.74	4.16	3.31	3.68	3.38	2.01	2.97	31.54
" 3	Cupar (Fife & Kinross Asylum)	2.81	.85	.62	1.20	3.20	1.63	4.72	2.40	3.51	3.06	1.61	3.71	29.32
Perthshire 2	Aberfoyle (The Inn)	6.80	1.70	1.00	3.30	5.70	2.50	5.10	4.75	6.70	5.00	4.75	11.20	58.50

TABLE XIX.—(con.). SCOTLAND—(con.).

County and River Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Perthshire	3	3	3	3	3	3	3	3	3	3	3	3	3
Glengyle	9.70	2.80	1.10	5.60	7.80	5.00	10.80	7.15	9.90	6.50	8.55	15.40	90.30
Glendevon (Tormaukin)	4.93	1.14	.99	3.10	7.34	4.29	6.29	5.15	7.06	4.59	3.75	8.43	57.06
Lochearnhead (Edenchip)	5.96	1.81	.71	3.96	6.43	3.16	6.28	4.00	7.98	5.34	4.86	13.43	63.92
Crieff (Strathearn Hydro.)	3.89	.91	.91	2.84	6.16	1.76	4.67	4.35	4.90	3.87	2.43	8.38	45.07
Aberfeldy (Dall Avon)	2.29	1.33	.71	2.59	3.81	1.95	3.94	3.08	4.33	2.90	2.28	7.41	36.62
Loch Rannoch (Dall)	3.05	1.31	.29	1.73	3.72	1.75	4.83	3.11	5.73	3.94	3.01	10.57	43.04
Glen Bruar (Bruar Lodge)	2.63	2.17	.61	1.85	4.91	2.31	6.11	5.01	6.22	4.13	3.35	8.16	47.46
Coupar Angus (Public School)	2.47	1.05	.65	1.51	4.79	1.84	4.53	3.07	3.24	3.82	2.12	4.05	33.14
Kirkmichael (Ballintuim Ho.)	2.85	1.75	.57	2.72	4.51	2.01	4.74	4.86	4.16	4.08	3.19	7.09	42.53
Arbroath (W. Cemetery)	2.53	.81	.76	1.52	3.21	1.41	4.15	2.12	3.63	4.23	1.57	2.30	28.24
Glen Prosen (Lednathie)	3.73	3.17	.65	2.97	5.19	2.03	5.65	5.25	5.83	5.94	3.81	7.77	51.99
Marykirk (Balmakewan)	3.42	1.54	.62	1.86	3.80	1.30	4.76	2.65	4.02	4.76	2.46	3.74	34.93
Crathes (Schoolhouse)	1.98	1.90	1.47	1.43	4.71	1.42	4.76	2.45	4.74	3.93	2.71	3.75	35.25
Braemar (Derry Lodge)	2.24	2.85	.51	1.21	3.35	2.32	3.97	3.99	5.73	3.28	2.93	5.03	37.41
Ballater (Irrigation Farm)	1.64	1.77	1.25	1.87	4.37	1.25	5.26	6.31	4.35	4.20	2.18	4.28	38.73
Aberdeen (Cranford House)	2.21	2.14	1.38	1.92	5.93	2.05	6.59	2.75	4.96	3.43	2.77	3.73	39.86
Strathdon (Estate Office)	1.65	2.52	1.39	1.15	3.75	1.53	3.69	4.12	4.31	3.69	2.16	2.42	32.38
Haddo House	1.93	2.04	1.48	1.23	5.12	1.84	5.25	4.75	4.69	2.58	2.91	1.87	35.69
Peterhead (Forehill Works)	2.02	1.73	1.92	1.86	4.52	1.99	4.17	3.96	4.31	2.39	2.45	2.13	33.45
Huntly (Cruchie)	1.69	2.14	1.47	1.14	4.97	1.57	4.99	4.25	4.74	3.38	2.04	1.50	33.88
Turriff (Forglen Gardens)	1.94	3.06	1.97	1.44	4.74	1.30	3.53	5.19	5.01	2.56	1.93	1.50	34.17
Gordon Castle	1.25	1.37	1.31	.88	3.51	2.65	3.20	5.05	4.58	3.43	1.31	.94	29.48
Grantown-on-Spey	1.14	3.08	.63	.47	3.27	2.29	4.39	6.15	3.99	3.16	1.30	1.90	31.77
Aberlour (Wester Elchies)	1.01	2.54	1.36	1.04	5.77	2.70	4.56	5.45	5.30	3.96	1.22	1.32	36.23
Nairn (Achareidh)	1.64	1.43	.91	.47	3.07	2.51	3.47	5.27	4.29	3.57	1.01	2.79	30.43
Cluny Manse	2.90	3.04	.67	1.76	3.31	2.88	4.96	4.61	5.05	3.14	2.03	7.85	42.20
Alvie Gardens	1.42	2.07	.59	.91	4.22	2.13	4.11	4.88	4.35	2.43	1.07	3.61	31.79
Loch Ness (Foyers)	3.68	1.53	.54	1.79	3.72	2.49	4.25	4.39	6.35	2.55	2.06	8.10	41.45
Loch Quoich (Glenquoich)	10.47	8.35	1.00	4.54	6.14	7.74	10.22	7.01	14.39	7.46	8.83	22.77	108.92
Invergarry Gardens	6.37	3.03	1.12	3.29	3.93	3.18	6.93	5.71	8.73	3.36	4.19	12.14	61.98
Arisaig House	5.60	3.63	.95	4.83	3.58	5.38	5.40	7.73	7.10	5.84	4.71	9.37	64.12
Glenleven (Corrour Station)	6.50	3.23	.39	3.93	4.65	4.10	9.02	5.63	11.65	6.31	6.18	14.17	75.76

TABLE XIX.—(con.). SCOTLAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Inverness-shire .17	Fort William.....	8.83	2.82	.53	3.26	3.86	4.94	8.58	6.38	8.98	5.42	6.08	15.13	74.81
" ..18	Hyskier.....	3.99	1.83	.75	2.11	2.85	2.92	2.64	3.72	5.32	4.37	3.82	8.26	42.58
" ..18	Skye (Kyleakin, Dunningell) .	7.53	2.23	1.12	4.32	2.68	5.13	5.40	4.84	8.65	5.20	6.17	14.12	67.39
" ..18	Skye (Portree)	5.91	3.16	1.97	4.24	3.29	5.61	6.09	5.95	7.57	6.86	7.20	13.29	71.14
" ..18	Skye (Dunvegan)	5.43	2.76	2.41	2.89	4.03	3.93	4.79	6.04	6.60	6.56	5.42	10.12	60.98
" ..19	Barra (Castle Bay).....	2.33	1.87	.87	1.87	3.00	1.83	2.59	3.58	2.09	3.22	2.56	2.88	28.69
Ross & Cromarty 4	Achnasheen (Ledgowan)	6.57	5.72	1.84	4.27	2.93	3.31	4.44	6.92	6.70	5.18	3.91	11.76	63.55
" .. 4	Strathpeffer	2.54	2.58	1.05	1.59	4.81	2.18	3.40	3.71	4.56	2.14	1.12	5.49	35.17
" .. 4	Alness (Ardross Castle)	2.03	2.63	1.86	1.47	5.77	2.16	4.32	4.59	6.20	2.28	2.03	4.45	39.79
" .. 7	Braemore (Loch a' Bhraoin)...	5.02	6.42	1.39	4.15	2.53	4.40	4.23	8.48	10.34	5.03	3.04	10.74	65.77
" .. 7	Ullapool	3.76	4.00	2.97	2.59	2.43	2.72	2.93	8.13	5.47	4.05	2.03	6.63	47.71
" .. 8	Loch Torridon (Bendamph)	8.50	5.40	1.74	4.45	3.92	6.33	6.42	7.00	11.35	6.49	6.42	18.21	86.23
" .. 9	Glen Shiel (Shiel House).....	8.92	3.60	.47	5.18	3.80	8.57	7.20	5.86	9.72	6.32	6.10	9.75	75.49
" .. 10	Stornoway	4.56	3.04	4.41	2.87	3.06	3.33	4.84	4.74	5.25	4.96	4.14	9.23	54.43
Sutherlandshire . 1	Laig	2.27	3.92	1.75	1.91	2.29	2.43	3.27	5.42	4.44	3.36	1.89	2.36	35.31
" .. 2	Golspie (Technical School)....	2.23	2.70	1.39	1.23	4.08	1.82	3.51	4.20	4.21	3.38	2.76	2.80	34.31
" .. 3	Helmsdale Station	1.81	1.43	1.92	1.84	2.77	1.39	3.79	2.12	3.55	2.87	1.63	2.48	27.60
" .. 4	Tongue Manse.....	2.49	3.21	2.37	2.51	3.13	2.38	3.72	5.87	6.32	2.78	2.00	3.28	40.06
" .. 4	Melvich Schoolhouse	2.47	3.78	2.40	2.39	2.36	2.08	3.29	4.44	5.80	1.99	2.13	2.21	35.34
" .. 5	Loch More (Achfary)	7.68	8.37	3.11	5.74	3.60	5.41	6.20	7.82	8.58	7.02	5.68	9.97	79.18
Caithness-shire.. 2	Wick	1.95	2.25	1.57	1.03	2.30	1.44	3.85	2.30	4.07	2.35	1.49	1.48	26.08
" .. 3	Altnabreac	1.92	1.74	1.46	1.52	4.13	1.75	3.59	3.32	5.01	2.07	2.12	2.17	30.80
" .. 3	Thurso (Buckies)	2.67	2.70	2.53	1.63	2.37	1.59	3.35	3.56	5.62	2.48	2.17	1.98	32.65
Orkney	Pomona (Deerness)	3.04	3.39	1.56	1.81	1.96	1.72	2.55	3.13	5.03	3.35	2.62	2.26	32.42
Shetland	Lerwick Observatory	3.69	3.27	2.47	3.98	3.36	2.32	3.79	2.06	4.39	3.24	2.68	6.63	41.88
IRELAND.														
Co. Cork	Bantry House	8.87	3.15	1.87	3.30	3.02	5.61	5.55	4.26	10.00	4.60	5.65	11.08	66.96
" .. 6	Castletownshend (Seafeld) ..	6.18	1.83	1.74	3.85	2.96	5.14	5.94	3.70	6.18	5.17	3.35	7.83	53.87
" .. 6	Clonakilty (Shannon Vale Ho.)	6.67	2.44	1.52	2.98	3.05	4.14	5.28	2.71	6.14	5.82	4.68	8.03	53.46

TABLE XIX.—(con.). IRELAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Cork	Dunmanway (The Rectory)...	10.17	3.40	1.93	3.80	3.64	5.18	6.94	3.52	8.08	5.99	5.77	10.67	69.09
"	Ballinageary (Inchibeg)	12.10	3.02	2.38	5.29	5.46	6.38	8.54	5.75	12.26	8.67	8.13	17.21	95.19
"	Cork (University College)	8.04	2.97	1.31	2.44	3.62	3.70	3.81	2.15	5.86	4.22	5.96	7.48	51.56
"	Midleton (Ballinacorra)	6.22	2.11	1.29	2.14	3.50	3.83	4.09	1.97	5.45	4.32	5.20	6.59	46.71
"	Mallow (Longueville)	5.97	2.72	1.09	2.37	2.97	4.55	2.14	3.18	5.49	3.65	6.66	5.71	46.50
"	Kanturk (Castlecree)	5.04	2.16	1.36	2.71	3.25	4.45	3.57	4.26	5.30	3.72	4.14	6.29	46.25
"	Cahirciveen Water Works	7.23	4.06	1.76	3.11	3.85	6.20	7.27	7.23	9.04	7.44	7.33	11.19	75.71
"	Killarney (District Asylum) ..	6.45	3.21	1.78	3.03	3.90	5.21	3.65	5.67	7.39	4.40	4.11	10.86	59.66
"	Killorglin (Callinafercy)	5.29	1.99	1.33	3.16	4.95	6.04	2.99	6.89	7.24	4.30	3.89	8.27	56.34
"	Darrynane Abbey	4.23	2.09	1.19	2.02	1.39	4.04	4.12	5.23	8.67	5.68	3.88	8.87	51.41
"	Kenmare (Dromore Castle)	10.85	3.17	2.58	4.42	4.68	6.30	6.09	7.86	10.38	6.49	7.38	11.46	81.66
"	Cappoquin (Mt. Melleray Abbey)	9.60	2.70	1.90	2.75	6.87	4.61	4.18	4.65	7.48	4.87	6.76	8.32	64.69
"	Waterford (Brook Lodge)	7.74	1.49	1.40	2.73	2.82	3.39	3.87	2.72	8.12	4.00	4.89	6.64	49.81
"	Carrick-on-Suir (Seskin)	9.84	1.96	1.14	2.83	2.90	3.96	4.00	2.85	6.88	5.31	5.77	7.94	55.38
"	Nenagh (Traverston)	5.12	1.73	.85	3.32	4.03	5.30	3.00	3.40	8.32	4.01	4.39	7.03	50.50
"	Nenagh (Castle Lough)	4.86	1.45	1.03	3.16	3.10	3.60	3.49	2.61	7.55	4.32	4.16	8.49	47.82
"	Cashel (Ballinamona)	6.72	1.63	.84	2.44	3.61	3.66	3.27	3.44	5.41	3.67	4.57	5.07	44.33
"	Roscrea (Timoney Park)	5.62	1.71	.43	3.06	4.59	4.43	2.69	3.99	6.25	3.53	4.66	4.56	45.52
"	Abbeyleale (Springmount Sch.)	3.99	2.41	1.50	2.47	2.99	4.73	3.29	7.24	5.85	4.27	2.97	7.59	49.30
"	Knocklong (Kilfrush)	5.28	2.17	.72	2.55	3.19	3.78	2.50	4.10	4.94	4.07	5.19	5.80	44.29
"	Foynes (National School)	4.01	1.67	1.45	3.19	3.33	4.84	3.47	5.61	5.38	4.51	3.25	7.07	47.78
"	Limerick (O'Connell Street) ..	4.28	1.44	.86	3.06	3.67	3.43	3.01	5.43	5.68	3.93	4.24	6.08	45.11
"	Inagh (Mount Callan)	5.87	2.50	2.83	3.12	3.79	5.54	6.69	8.97	8.27	7.30	6.85	10.55	72.28
"	Dromoland Castle	3.95	1.66	1.64	2.86	3.74	4.29	3.12	3.89	5.57	4.41	4.61	6.26	46.00
"	Tomgraney (Raheen Ho.)	5.98	2.33	1.43	3.87	4.13	4.40	3.89	5.02	8.25	4.57	5.59	9.75	59.21
"	Foulkesmill (Longraigue)	8.01	1.18	1.14	3.16	3.30	4.03	4.69	3.17	7.42	4.18	4.19	7.43	51.90
"	Johnstown Castle	7.31	.77	1.49	2.49	3.28	3.16	5.61	2.99	4.79	4.33	4.18	6.06	46.46
"	Enniscorthy (Woodbrook)	10.61	1.90	1.66	4.08	4.50	3.94	4.88	4.27	8.38	4.87	5.31	8.29	62.69
"	Gorey (Courtown House)	7.71	.84	.96	2.58	3.47	2.71	4.59	2.80	6.08	2.97	2.88	6.38	43.97
"	Kilkenny (Lavistown House) ..	5.86	1.39	.66	2.18	3.50	3.50	3.49	2.29	5.12	3.16	3.85	4.36	39.36
"	Rathdrum (Avondale)	8.74	1.76	.92	2.38	4.76	3.50	4.32	3.00	6.49	3.18	4.80	6.65	50.50
"	Greystones Rathdown)	6.78	1.29	1.02	2.45	3.61	2.40	4.38	2.72	5.66	1.86	3.77	7.48	43.42

TABLE XIX.—(con.). IRELAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Carlow	Carlow (Browne's Hill)	5.85	.94	.88	2.93	3.26	3.64	3.65	3.17	5.44	3.09	4.33	4.99	42.17
"	Hacketstown Rectory	8.38	1.76	.97	3.46	3.99	3.62	4.02	4.19	6.39	3.18	4.17	4.92	49.05
Queen's County.	Abbey Leix (Blandsfort)	6.11	1.50	.84	3.20	3.62	4.24	3.57	3.50	5.71	3.32	4.27	5.49	45.37
"	Mountmellick (Summer Grove)	4.47	.91	.77	2.86	3.87	3.40	3.97	4.86	7.37	3.42	5.26	5.81	46.97
King's County..	Pirr Castle	3.95	1.22	.78	3.31	4.26	2.88	2.94	3.77	6.76	3.44	4.09	5.36	42.76
Co. Kildare.....	Straffan House	5.15	.43	1.17	2.42	3.42	4.04	4.38	4.15	7.08	3.17	2.98	4.23	42.62
"	Howth Castle	3.90	.64	.73	1.88	2.72	3.04	3.49	3.96	5.35	1.87	2.79	3.90	34.27
"	Balbriggan (Ardgillan).....	3.93	.48	1.49	2.81	3.19	2.20	3.56	4.12	5.88	2.20	2.38	4.30	36.54
"	Dunboyne (Stirling, Clonee)...	4.54	.40	1.19	2.82	3.88	4.36	4.72	3.79	7.06	2.73	2.81	4.73	43.03
"	Summerhill House	5.09	.70	1.46	2.82	3.82	3.20	4.55	4.45	7.08	2.77	3.04	4.63	43.61
"	Kells (Headfort)	4.44	1.05	1.54	3.33	3.77	3.04	4.15	4.64	5.73	2.96	3.39	4.88	42.92
"	Moate (Coolatore)	3.40	.83	1.08	3.06	3.97	3.15	4.54	3.66	6.13	3.08	3.55	5.15	41.60
"	Mullingar (Belvedere House)...	4.34	.97	1.24	3.68	3.66	3.11	5.18	3.92	6.01	4.09	4.13	5.65	45.98
"	Castlepollard (Pakenham Hall)	4.91	1.84	2.29	4.40	4.02	3.82	4.94	4.70	7.22	3.96	3.78	4.86	50.74
"	Dundalk(Aughneskea Reservoir)	5.87	1.61	.91	3.98	5.12	3.40	4.39	5.34	4.91	3.71	3.59	4.65	47.48
"	Greenore	4.69	.92	1.86	3.57	5.32	3.09	4.01	3.90	4.26	3.59	3.11	3.89	42.21
"	Ballymahon (New Castle)	4.52	1.40	1.38	4.17	4.16	3.66	5.18	4.42	6.39	3.35	4.49	5.25	48.37
"	Castle Forbes Gardens	4.22	1.82	1.86	4.18	4.01	3.24	4.14	5.18	4.96	3.09	4.94	5.19	46.83
"	Ballynahinch Castle	6.82	2.70	3.30	4.52	7.26	6.60	6.95	7.60	9.19	8.56	6.80	12.27	82.57
"	Tuam (Gardenfield)	3.43	.97	1.46	4.26	3.82	4.00	3.52	4.38	5.90	3.99	5.41	7.90	49.04
"	Killimor (Ramore)	3.02	1.55	1.12	3.27	3.99	3.55	3.81	3.67	6.24	4.24	3.61	6.56	44.63
"	Ahascragh (Clonbrock)	3.55	1.37	1.07	3.61	4.00	4.47	5.85	4.23	6.21	3.86	6.05	7.34	51.61
"	Stokesstown (Castlenode)	4.50	1.66	1.80	3.39	4.18	4.29	4.03	4.53	4.55	3.22	3.90	6.03	46.08
"	Swinford Rectory	5.05	1.87	1.87	4.06	6.72	3.60	4.33	4.90	6.11	3.91	6.84	7.26	56.52
"	Ballina (Mount Falcon)	5.10	2.20	1.80	4.10	5.89	4.74	4.66	4.30	6.43	4.39	5.74	8.71	58.06
"	Westport House	4.92	2.10	1.85	2.66	5.31	3.26	4.47	5.83	5.01	4.66	5.19	9.80	55.06
"	Mallarany	6.18	2.77	2.02	3.55	7.50	7.23	6.15	9.51	6.85	6.94	7.82	11.57	78.09
"	Aasleagh House	10.93	3.90	3.13	5.44	8.96	7.00	8.63	10.66	12.56	8.95	12.94	24.59	117.69
"	Ballinrobe (Creagh)	6.57	1.30	1.82	3.94	6.00	3.70	4.32	4.95	7.78	5.44	5.69	11.63	63.14
"	Collooney (Markree Obsy.)....	5.68	2.86	1.54	4.75	5.83	4.55	4.64	7.91	6.20	4.70	5.22	5.38	59.26

TABLE XIX.—(con.). IRELAND—(con.).

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Co. Sligo	Sligo (Ard-na-veagh)	4.68	2.35	1.29	4.44	4.66	4.29	4.48	8.50	5.26	4.42	4.96	5.46	54.79
" Leitrim	Drumshanbo (Lough Allen Sluices)	4.28	1.85	.83	3.12	3.62	3.09	3.89	5.29	3.87	3.34	3.38	4.01	40.57
" Cavan	Crossdoney (Kevit Castle)	4.79	1.28	1.49	3.84	5.52	2.56	4.79	4.75	5.66	3.11	3.74	4.28	45.81
" "	Belturbet (Cloverhill)	3.93	1.10	1.04	3.52	4.84	2.60	4.91	4.77	4.88	3.00	3.37	3.90	41.86
" Fermanagh ..	Enniskillen (Portora School) ..	4.64	1.88	.68	4.36	5.49	3.69	3.86	5.73	5.27	3.44	3.07	5.09	47.20
" "	Belleek (Heronshaw)	4.38	1.75	1.07	5.09	5.18	3.91	4.49	8.81	5.00	4.48	4.39	6.45	55.00
" Monaghan ..	Monaghan (Workhouse)	3.71	1.55	1.12	3.17	4.95	2.58	5.83	5.19	5.61	3.05	3.46	4.85	45.07
" Armagh	Lurgan (Belle Vue)	3.21	.89	1.16	2.45	4.26	2.40	4.73	4.26	4.76	2.46	2.42	2.89	35.89
" "	Armagh Observatory	3.37	1.09	1.16	2.50	4.09	2.37	4.76	4.41	5.24	2.77	2.61	4.05	38.42
" Down	Newry (Bridge Street House) ..	6.56	1.96	1.16	3.13	4.65	2.60	4.92	4.55	6.07	3.87	3.53	5.79	48.79
" "	Seaforde	6.11	1.24	1.85	3.94	5.01	3.80	5.68	3.93	7.63	3.57	3.71	6.30	52.77
" "	Donaghadee (Coastguard Stat.) ..	4.19	.98	1.48	2.58	3.58	2.30	3.19	3.31	5.27	2.20	2.84	2.95	34.87
" Antrim	Belfast (Queen's University) ..	5.27	1.15	1.68	2.74	5.23	3.70	3.80	4.25	5.52	2.26	3.09	5.27	43.96
" "	Larne (Sallagh Springs)	5.77	2.47	1.59	3.65	5.40	2.97	6.87	5.06	7.20	3.18	4.33	5.99	54.48
" "	Glenarm Castle	6.03	1.92	1.91	2.54	5.64	2.74	5.00	4.26	6.47	1.97	3.67	5.84	47.99
" "	Ballycastle (Shesburn)	3.08	2.12	.64	2.62	4.54	2.40	5.24	5.16	6.69	2.40	2.96	4.44	42.29
" "	Ballymena (Harryville)	4.11	1.93	1.09	2.48	6.15	4.08	5.76	6.45	5.64	2.99	2.95	4.91	48.54
" Londonderry ..	Londonderry (Dunruadh)	3.40	1.84	.47	3.89	4.37	2.77	4.89	5.77	5.99	3.23	2.92	5.06	44.60
" "	Glenedra Lodge	5.44	2.96	.94	4.29	6.85	3.38	5.92	6.88	7.40	2.93	5.29	7.68	59.96
" "	Limavady (Drenagh)	2.31	1.70	.65	3.12	3.90	2.61	3.52	5.12	5.88	2.49	1.97	3.61	36.88
" Tyrone	Tullyhogue (Rockdale House) ..	5.00	1.77	1.46	3.39	5.52	3.36	6.29	5.22	6.29	2.65	2.96	4.98	48.89
" "	Omagh (Edenfel)	4.25	2.25	.89	3.02	5.46	2.86	3.68	6.64	5.48	3.03	3.23	4.97	45.76
" "	Sion Mills (Sion House)	3.48	2.26	.75	3.80	4.11	3.20	4.97	6.02	6.03	3.30	3.28	6.43	47.63
" Donegal	Malin Head	3.18	1.60	.51	3.67	3.72	2.36	3.24	5.04	5.13	2.89	3.03	5.50	39.87
" "	Milford (The Manse)	3.68	2.12	.57	4.65	4.01	2.50	3.54	6.04	5.84	2.99	3.52	5.50	44.96
" "	Dunfanaghy (St. Helen's)	3.58	2.48	.86	4.66	3.75	3.00	3.19	4.51	6.43	2.56	3.92	7.61	46.55
" "	Narin (Kiltoorish)	5.48	3.26	.60	4.47	5.47	3.78	4.42	6.33	5.97	3.50	4.00	6.50	53.78
" "	Killybegs (Rockmount)	6.35	2.42	1.75	6.98	5.26	5.02	5.41	10.34	8.24	5.87	6.41	7.68	71.73

Table XX.—*Monthly Rainfall in 1924; the Average, 1881–1915, being taken as 100.*

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
London	St. Pancras (Camden Square) ..	% 148	% 39	% 40	% 204	% 178	% 122	% 239	% 123	% 142	% 134	% 106	% 133	% 135
Kent	Tenterden (View Tower)	% 118	% 44	% 81	% 176	% 319	% 95	% 156	% 136	% 86	% 131	% 109	% 161	% 131
"	St. Peter's	% 108	% 74	% 60	% 151	% 187	% 90	% 119	% 82	% 145	% 114	% 86	% 64	% 105
"	Edenbridge (Falconhurst)	% 116	% 46	% 78	% 167	% 209	% 164	% 158	% 140	% 210	% 108	% 105	% 129	% 131
Sussex	Compton (Compton House)	% 121	% 28	% 75	% 170	% 183	% 162	% 177	% 113	% 225	% 113	% 71	% 131	% 127
"	Brighton W.W. (Lewes Road)	% 106	% 29	% 84	% 170	% 232	% 151	% 167	% 144	% 145	% 134	% 111	% 147	% 132
Hampshire	Ventnor (Royal National Hospital)	% 116	% 16	% 78	% 130	% 188	% 89	% 102	% 134	% 156	% 164	% 63	% 122	% 114
"	Fordingbridge (Oaklands)	% 156	% 14	% 72	% 193	% 220	% 105	% 213	% 117	% 211	% 120	% 112	% 158	% 137
"	Sherborne St. John Rectory	% 100	% 18	% 36	% 172	% 143	% 125	% 169	% 106	% 202	% 116	% 94	% 143	% 118
Hertfordshire	Royston (Therfield Rectory)	% 157	% 36	% 39	% 191	% 217	% 104	% 179	% 98	% 152	% 151	% 122	% 133	% 133
Buckinghamshire .	High Wycombe	% 145	% 37	% 95	% 216	% 219	% 155	% 275	% 121	% 199	% 116	% 111	% 161	% 150
Oxfordshire	Oxford (Magdalen College)	% 198	% 15	% 57	% 159	% 240	% 107	% 153	% 91	% 242	% 130	% 81	% 180	% 137
Northamptonshire .	Pitsford (Sedgebrook)	% 114	% 31	% 51	% 197	% 207	% 93	% 124	% 83	% 177	% 140	% 104	% 143	% 122
Cambridgeshire ...	March	% 151	% 78	% 47	% 177	% 224	% 84	% 88	% 62	% 150	% 182	% 114	% 79	% 119
Essex	Chelmsford (County Laboratory)	% 173	% 50	% 42	% 247	% 312	% 72	% 161	% 104	% 139	% 147	% 148	% 133	% 140
Suffolk	Hawkedon Rectory	% 149	% 78	% 27	% 171	% 243	% 71	% 140	% 94	% 165	% 152	% 123	% 85	% 124
"	Felixstowe (Wireless Tel. Station)	% 148	% 86	% 34	% 204	% 252	% 83	% 120	% 148	% 158	% 174	% 82	% 112	% 132
Norfolk	Beccles (Geldeston)	% 113	% 131	% 37	% 165	% 234	% 104	% 98	% 107	% 169	% 161	% 53	% 102	% 121
"	Blakeney	% 138	% 71	% 39	% 116	% 228	% 52	% 77	% 78	% 130	% 143	% 85	% 72	% 101
"	Swaffham	% 123	% 79	% 45	% 147	% 148	% 68	% 74	% 92	% 123	% 137	% 86	% 91	% 100
Wiltshire	Bishops Cannings	% 161	% 4	% 50	% 154	% 255	% 95	% 160	% 99	% 164	% 159	% 87	% 130	% 125
Dorsetshire ...	Evershot (Melbury House)	% 105	% 24	% 67	% 161	% 332	% 79	% 183	% 88	% 195	% 118	% 102	% 140	% 125
South Devonshire	Launceston (Polapit Tamar)	% 153	% 59	% 87	% 168	% 156	% 100	% 154	% 156	% 146	% 135	% 88	% 141	% 128
"	Ashburton (Druid House)	% 141	% 57	% 74	% 182	% 258	% 118	% 196	% 117	% 228	% 149	% 99	% 144	% 138
"	Cullompton	% 152	% 25	% 76	% 164	% 193	% 170	% 177	% 139	% 249	% 129	% 130	% 85	% 134
North Devonshire .	Barnstaple (N. Dev. Athenæum) .	% 145	% 26	% 77	% 161	% 187	% 102	% 165	% 159	% 219	% 111	% 85	% 127	% 127
Cornwall	Penzance (Morrab Gardens)	% 149	% 47	% 60	% 121	% 111	% 71	% 138	% 81	% 134	% 181	% 68	% 104	% 107
"	St. Austell (Trevarna)	% 155	% 61	% 82	% 129	% 186	% 85	% 187	% 127	% 130	% 198	% 104	% 108	% 129
Somersetshire	Chewton Mendip (The Priory)	% 129	% 18	% 53	% 174	% 244	% 120	% 138	% 135	% 142	% 154	% 90	% 103	% 122
Gloucestershire ...	Cirencester (Dollard House)	% 165	% 31	% 67	% 152	% 331	% 113	% 175	% 130	% 190	% 148	% 77	% 148	% 141
Shropshire	Church Stretton (Wolaston) ..	% 108	% 20	% 53	% 190	% 252	% 117	% 227	% 115	% 213	% 142	% 85	% 146	% 138
Staffordshire	Market Drayton (Old Springs) ..	% 90	% 48	% 50	% 140	% 198	% 111	% 144	% 103	% 172	% 142	% 55	% 99	% 113

Table XX.—*Monthly Rainfall in 1924; the Average, 1881-1915, being taken as 100—(con.).*

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Worcestershire	Malvern (Free Library)	131	31	98	176	366	112	211	105	254	159	114	117	154
Warwickshire	Farnborough	141	24	64	160	275	63	131	133	207	133	100	135	130
"	Birmingham (Edgbaston)	129	35	49	175	231	109	141	129	197	156	85	127	131
Leicestershire	Belvoir Castle Gardens	108	51	30	109	170	120	97	102	146	163	87	115	110
Lincolnshire	Boston (Black Sluice, Skirbeck)	122	72	44	133	166	110	90	83	120	148	89	85	106
"	Lincoln (Sessions House)	107	53	51	95	123	59	77	116	137	160	59	101	97
Derbyshire	Mickleover (Clyde House)	113	34	50	138	193	91	126	120	173	149	75	102	115
S. Lancashire	Manchester (Whitworth Park)	116	55	53	84	245	103	110	144	141	129	52	115	114
C.	Stonyhurst College	90	42	45	66	238	95	136	149	131	106	86	102	107
C.	Southport (Hesketh Park)	107	36	52	77	249	88	150	127	171	114	48	133	114
N.	Ulverston (Poaka Beck)	137	39	65	107	179	112	131	100	145	101	70	145	110
Yorkshire, W.R.	Sedburgh (Akay)	89	28	55	80	288	163	120	83	171	126	104	190	121
"	Wath-upon-Deane (Chapel Street)	77	70	53	96	148	73	91	117	168	118	85	78	98
"	Bradford (Lister Park)	92	38	62	103	222	78	123	106	167	86	91	128	106
"	Wetherby (Ribston Hall)	106	34	81	94	229	92	146	175	191	97	107	110	123
"	Hull (Pearson Park)	109	57	54	96	159	85	128	80	132	122	76	93	100
"	Leyburn (Bolton Hall)	98	22	88	95	226	53	209	62	160	96	52	153	107
"	Felixkirk (Mount St. John)	87	106	58	107	246	86	89	113	131	147	62	122	112
"	Scarborough	97	65	78	85	224	60	143	61	107	115	57	76	97
"	Middlesbrough (Albert Park)	94	98	64	131	199	79	141	121	110	102	33	136	110
"	Baldersdale (Hury Reservoir)	72	39	43	89	224	61	146	57	143	111	70	140	99
Northumberland	Newcastle (Town Moor)	101	68	45	104	348	103	161	112	134	125	55	95	121
"	Hallington (Fawcett) (Newc. WW)	116	37	38	102	283	74	193	115	126	97	48	107	111
"	Ilderton (Lilburn Tower)	96	49	10	72	203	144	206	62	126	118	34	110	101
"	Carlisle (Scaleby)	135	35	46	102	157	60	119	92	127	100	68	139	99
Cumberland	Borrowdale (Seathwaite)	93	24	27	93	167	160	165	111	201	97	118	157	114
"	Abergavenny (Larchfield)	170	39	52	136	154	80	232	107	262	129	99	157	131
Monmouthshire	Ystalyfera (Wern House)	125	16	59	152	155	113	164	166	222	148	70	152	127
Glamorganshire	Cardiff (Ely Pumping Station)	156	24	60	134	175	121	190	141	217	133	90	127	130
"	Carmarthen (The Friary)	128	16	65	158	141	106	159	116	230	102	59	172	119
Carmarthenshire	Haverfordwest (Grammar School)	171	21	77	115	141	134	206	120	160	140	82	171	130
Pembrokeshire	Aberystwyth (Gogerddan)	126	31	75	97	194	134	150	141	199	110	42	134	118

Table XX.—*Monthly Rainfall in 1924; the Average, 1881–1915, being taken as 100—(con.).*

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Radnorshire	Birmingham W.W. (Nantgwillt)	105	36	42	156	194	91	163	124	226	109	74	128	114
Montgomeryshire	Lake Vyrnwy	102	18	61	162	258	132	219	128	214	154	84	121	129
Flintshire	Northop (Soughton Hall)	77	28	11	86	267	78	194	111	148	113	61	83	104
Merionethshire	Dolgelly (Bryntirion)	98	51	62	128	198	125	164	171	197	92	69	113	117
Carnarvon	Llandudno	79	24	46	111	229	107	136	101	154	89	44	127	101
"	Llandwrog (Glynllivon Park)	142	26	50	129	243	108	129	133	192	83	51	189	119
Anglesey	Holyhead (Salt Island)	166	25	55	135	243	132	139	98	231	82	73	116	118
Isle of Man	Douglas (Borough Cemetery)	166	32	97	153	204	142	188	144	199	72	92	124	129
Wigtownshire	Stoneykirk (Ardwell House)	186	39	83	127	132	111	149	97	211	54	100	109	114
Kirkcudbrightshire	Dalry (Glendaroch)	144	16	27	116	129	95	148	101	209	87	63	125	101
"	Auchencairn (Torr House)	163	27	47	110	172	84	131	111	204	102	78	145	114
Dumfriesshire	Durrisdeer (Drumlanrig Gardens)	134	17	38	122	170	87	158	104	189	110	81	169	114
Roxburghshire	Hawick (Branxholme)	123	39	36	92	160	70	158	94	191	96	56	162	106
Berwickshire	Marchmont House	111	65	34	61	220	103	189	109	155	88	52	127	110
Haddingtonshire	North Berwick Reservoir	109	50	35	54	224	102	155	81	195	128	67	78	109
Midlothianshire	Edinburgh (Royal Observatory)	119	38	56	75	239	95	160	99	149	130	52	143	116
Lanarkshire	Biggar	104	28	23	86	158	59	151	87	165	94	61	125	96
"	Caldercruix (Hillend Reservoir)	99	27	29	120	213	94	127	104	132	108	67	133	103
Ayrshire	Kilmarnock (Agricultural Coll.)	152	33	28	109	201	124	114	105	174	92	75	109	108
"	Girvan (Pinnmore)	132	34	25	184	116	97	96	104	180	65	80	105	99
Renfrewshire	Greenock (Prospect Hill)	108	21	34	94	148	99	106	70	156	76	83	143	94
Argyllshire	Lochgilphead (Poltalloch)	111	46	19	122	137	172	167	133	131	97	99	122	112
"	Skipness Castle	101	45	23	113	161	118	117	96	119	72	59	108	91
"	Inveraray Castle Gardens	106	36	8	92	109	236	145	130	144	95	83	116	103
"	Islay (Eallabus)	122	56	15	135	210	127	167	147	157	100	89	132	118
Kinross-shire	Loch Leven Sluice	100	41	35	86	196	83	199	80	159	97	72	127	105
Perthshire	Loch Dhu	93	36	18	104	159	101	166	78	158	88	80	139	98
"	Crieff (Strathearn Hydro)	97	26	28	130	247	67	157	103	171	98	56	187	110
"	Glen Garry (Dalnaspidal Lodge)	65	52	17	93	132	85	163	87	215	79	73	196	105
Forfarshire	Dundee (Eastern Necropolis)	128	58	38	108	210	121	173	85	218	177	82	151	130
"	Montrose (Sunnyside Asylum)	140	59	30	86	185	84	172	135	225	164	74	124	125
Aberdeenshire	Braemar (Bank)	66	78	27	65	155	74	167	102	189	80	58	199	104

Table XX.—*Monthly Rainfall in 1924; the Average, 1881–1915, being taken as 100—(con.).*

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Aberdeenshire	1	% 65	% 98	% 47	% 62	% 170	% 109	% 186	% 197	% 173	% 117	% 71	% 91	% 118
"	1	% 93	% 92	% 53	% 94	% 239	% 114	% 223	% 95	% 212	% 106	% 86	% 107	% 126
"	4	% 94	% 83	% 68	% 61	% 206	% 76	% 128	% 163	% 166	% 69	% 79	% 68	% 103
Morayshire	2	% 62	% 71	% 57	% 50	% 166	% 130	% 100	% 159	% 183	% 109	% 45	% 35	% 99
"	3	% 47	% 145	% 24	% 24	% 140	% 102	% 143	% 192	% 161	% 106	% 43	% 70	% 102
Nairnshire	2	% 82	% 70	% 38	% 33	% 144	% 126	% 128	% 194	% 177	% 148	% 37	% 107	% 111
Inverness-shire	6	% 60	% 38	% 11	% 67	% 162	% 120	% 146	% 114	% 182	% 76	% 66	% 163	% 97
"	7	% 76	% 81	% 10	% 70	% 112	% 158	% 159	% 85	% 167	% 75	% 73	% 155	% 98
"	13	% 90	% 73	% 20	% 135	% 104	% 165	% 109	% 133	% 117	% 99	% 70	% 129	% 102
"	17	% 92	% 37	% 8	% 73	% 97	% 138	% 178	% 104	% 142	% 76	% 75	% 149	% 95
Ross and Cromarty	4	% 53	% 80	% 57	% 61	% 222	% 96	% 143	% 156	% 212	% 59	% 50	% 108	% 103
"	8	% 90	% 68	% 23	% 85	% 86	% 155	% 118	% 106	% 163	% 81	% 69	% 179	% 101
"	10	% 88	% 68	% 108	% 95	% 120	% 144	% 160	% 119	% 133	% 96	% 71	% 148	% 109
Sutherlandshire	3	% 70	% 58	% 81	% 91	% 124	% 74	% 134	% 76	% 143	% 95	% 51	% 79	% 89
"	4	% 63	% 92	% 71	% 96	% 132	% 116	% 122	% 183	% 200	% 66	% 44	% 66	% 98
"	4	% 75	% 126	% 84	% 103	% 115	% 107	% 117	% 149	% 207	% 54	% 53	% 51	% 98
"	5	% 105	% 127	% 48	% 118	% 82	% 146	% 116	% 134	% 149	% 90	% 66	% 108	% 104
Caithness-shire	2	% 79	% 99	% 69	% 52	% 111	% 80	% 146	% 84	% 163	% 79	% 47	% 48	% 87
Orkney	2	% 88	% 113	% 56	% 87	% 98	% 93	% 99	% 109	% 173	% 88	% 67	% 54	% 92
Co. Cork	6	% 163	% 58	% 39	% 92	% 107	% 148	% 178	% 75	% 197	% 100	% 93	% 133	% 113
"	7	% 185	% 71	% 50	% 87	% 159	% 152	% 149	% 66	% 234	% 105	% 145	% 147	% 128
"	9	% 153	% 80	% 38	% 97	% 134	% 207	% 86	% 103	% 229	% 101	% 178	% 117	% 125
"	3	% 119	% 69	% 35	% 83	% 112	% 155	% 150	% 102	% 189	% 98	% 98	% 146	% 112
"	3	% 109	% 61	% 38	% 92	% 127	% 179	% 110	% 128	% 206	% 82	% 73	% 149	% 109
"	3	% 210	% 46	% 51	% 107	% 122	% 126	% 119	% 71	% 293	% 102	% 129	% 142	% 126
"	1	% 123	% 46	% 33	% 126	% 126	% 147	% 111	% 66	% 269	% 127	% 103	% 184	% 121
"	3	% 177	% 51	% 31	% 98	% 150	% 159	% 113	% 97	% 221	% 102	% 131	% 117	% 119
"	2	% 104	% 53	% 52	% 125	% 132	% 184	% 86	% 118	% 184	% 118	% 83	% 149	% 114
"	4	% 247	% 30	% 42	% 118	% 156	% 112	% 156	% 84	% 246	% 84	% 83	% 167	% 127
"	2	% 187	% 59	% 34	% 108	% 144	% 156	% 117	% 82	% 249	% 92	% 134	% 140	% 125
"	2	% 196	% 39	% 36	% 125	% 135	% 158	% 119	% 89	% 219	% 94	% 132	% 139	% 123
Queen's County	2	% 186	% 56	% 32	% 123	% 149	% 164	% 114	% 89	% 210	% 94	% 128	% 149	% 124

Table XX.—*Monthly Rainfall in 1924; the Average, 1881–1915, being taken as 100—(con.).*

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		%	%	%	%	%	%	%	%	%	%	%	%	%
King's County	1	Birr Castle.	140	53	32	154	191	125	99	295	118	132	163	131
Co. Kildare	2	Straffan House.	200	20	50	122	155	178	110	317	112	95	139	136
" Dublin	3	Balbriggan (Ardgillan) No. 1	172	24	74	142	153	109	121	288	81	83	149	126
" Meath	4	Kells (Headfort)	141	39	56	133	140	115	112	215	88	100	128	116
" Westmeath	1	Mullingar (Belvedere)	135	35	46	155	149	120	94	225	131	121	154	127
" Louth	3	Greenore	187	40	81	164	231	125	111	184	127	102	119	132
" Longford	2	Castle Forbes Gardens.	127	64	63	175	155	126	127	172	95	137	130	125
" Galway	3	Ballynahinch Castle.	110	53	64	128	202	186	138	193	143	114	164	135
" "	3	Tuam (Gardenfield)	84	27	42	164	133	147	98	177	101	118	156	111
" "	5	Ahascragh (Clonbrock)	91	44	32	142	144	160	101	201	106	150	156	124
" Mayo	4	Westport House.	106	53	47	99	183	121	144	141	104	106	170	118
" Sligo	2	Collooney (Markree Observatory)	145	81	45	179	208	151	134	182	114	125	114	136
" Cavan	1	Belturbet (Cloverhill)	131	42	38	154	194	107	157	197	103	108	105	121
" Armagh	5	Armagh Observatory	134	49	49	119	172	94	165	213	102	92	129	121
" Down	2	Seaforde	194	41	63	150	191	138	178	277	100	98	153	138
" Antrim	1	Belfast (Queen's University)	184	46	57	121	226	148	127	215	69	90	134	127
" "	5	Ballymena (Harryville)	111	60	35	94	215	140	168	181	81	73	111	117
" Londonderry	5	Londonderry (Creggan Reservoir)	95	72	17	161	183	96	168	183	94	70	113	116
" "	5	Limavady (Drenagh)	72	59	22	137	169	100	113	201	72	53	96	100
" Tyrone	3	Omagh (Edenfel)	120	75	28	115	211	101	108	180	83	85	118	114
" Donegal	3	Dunfanaghy (St. Helen's)	88	70	24	173	144	105	92	186	58	83	147	103
" "	5	Killybegs (Rockmount)	113	48	34	194	146	132	185	179	105	102	105	119
England	(general mean, * 58 stations)	123	46	57	141	221	100	149	110	164	133	86	122	...
Wales	" " 13 "	127	27	55	131	199	112	173	127	204	114	69	138	...
England and Wales (	" " 71 "	123	42	57	139	217	102	153	113	172	129	83	125	...
Scotland	" " 43 "	100	60	39	92	158	110	146	116	173	95	68	121	...
Ireland	" " 35 "	144	52	43	130	161	139	134	113	216	100	107	138	...
British Isles†	" " 150 "	122	50	49	124	187	113	147	114	182	112	84	127	...

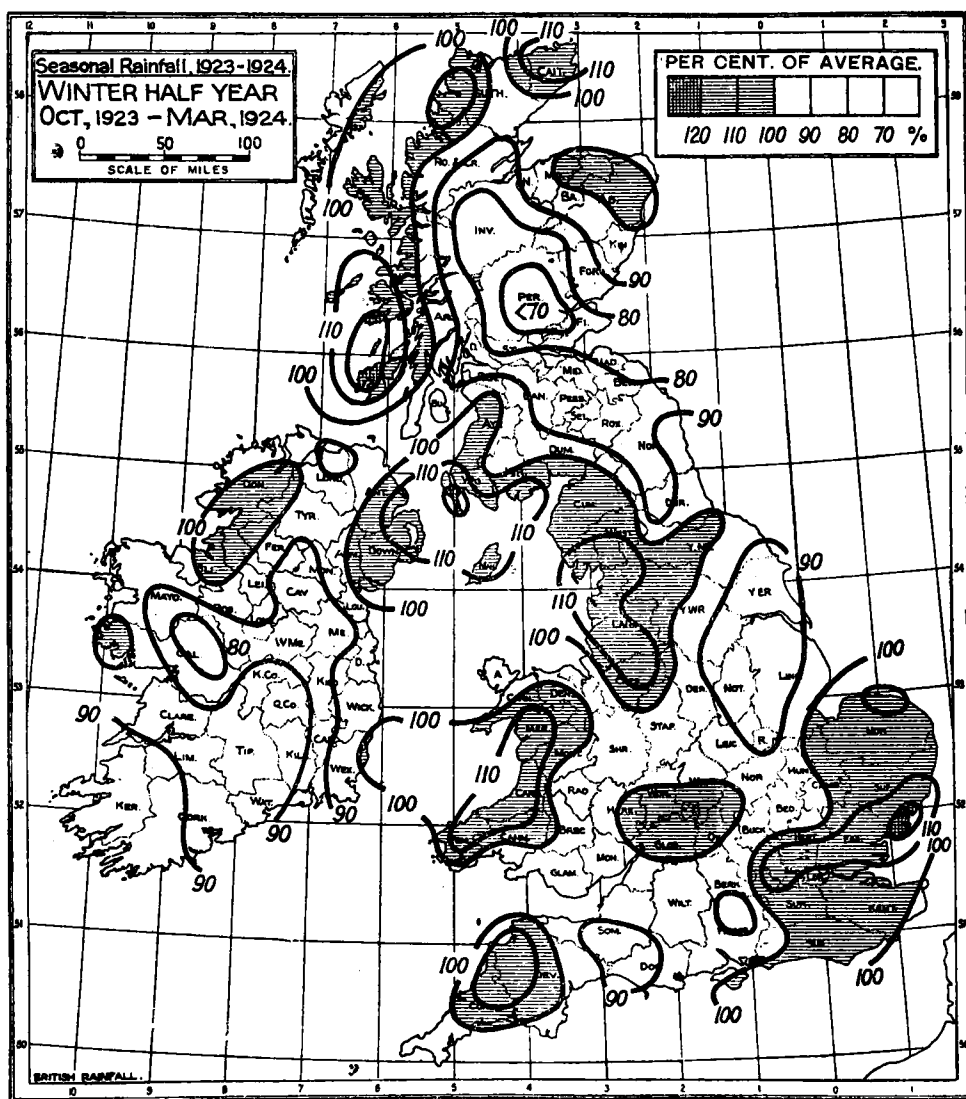
* The "general" values given in the last six rows are obtained by taking the means of the percentage values for the stations.

† Including Isle of Man.

‡ See Table XXIII.

9. SEASONAL RAINFALL, 1923-1924.

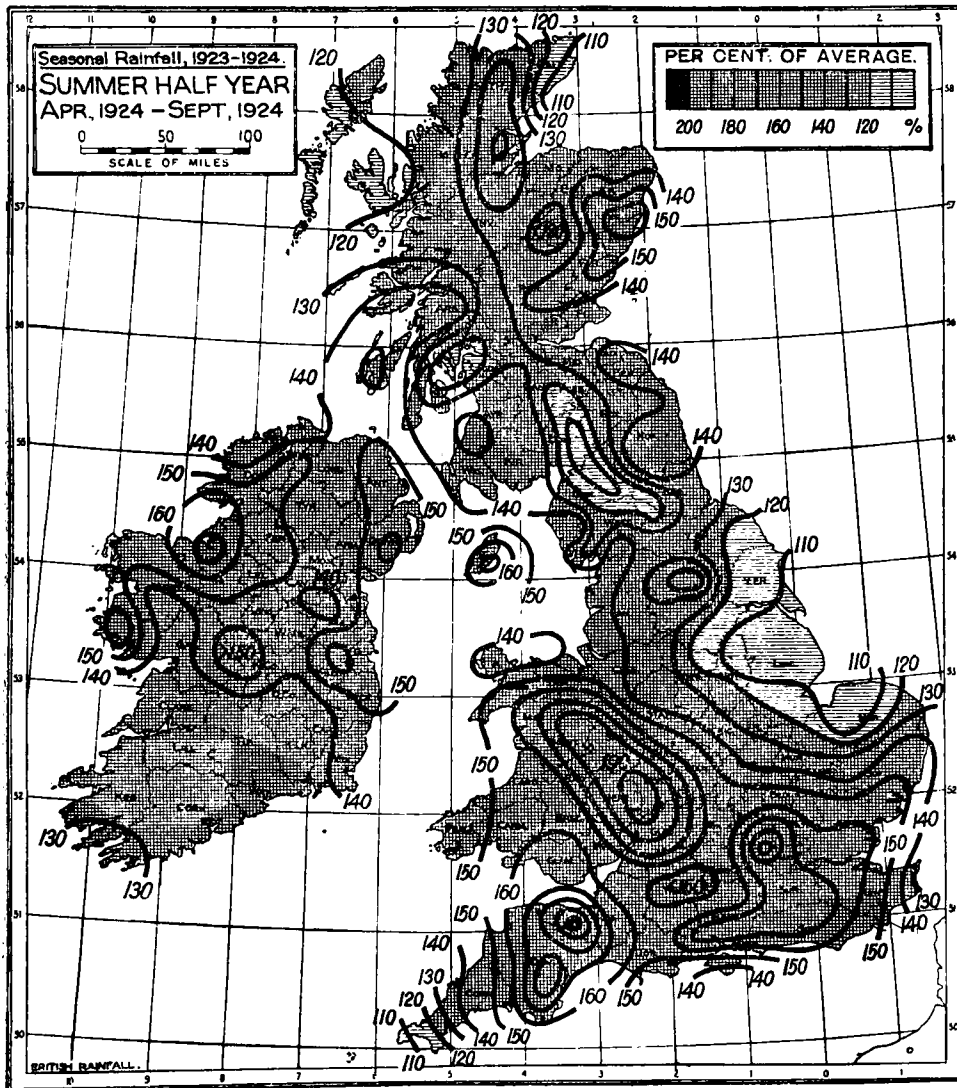
In this section the rainfall statistics deal with the twelve months beginning in the autumn on 1st October, 1923, and ending in the



Rainfall, Winter Half Year, as per cent. of average.

autumn on 30th September, 1924. The data are considered in two parts covering the winter of 1923 to 1924, from October to March,

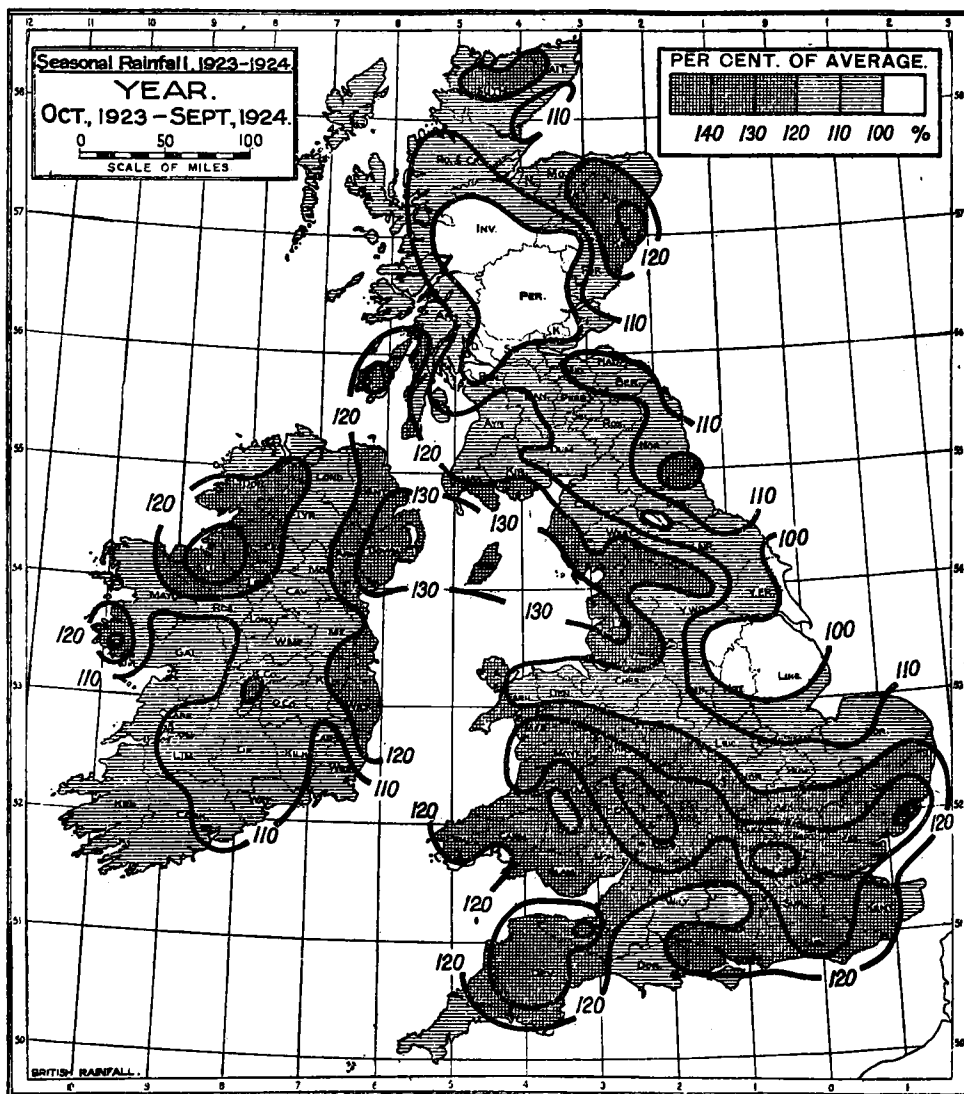
and the summer of 1924, from April to September. There are distinct advantages in dividing the year in this way. Although the values of the rainfall of the twelve months of the year are in the main subject to similar fluctuations, in the summer the rains are more local and intense



Rainfall, Summer Half Year, as per cent. of average.

while the winter rains are usually more widespread. Economically the division is a natural one. Summer rainfall is of little direct value for the purpose of water storage since the bulk of the rain is re-evaporated or absorbed by trees and vegetation. Much of the naturally

stored water is drawn upon in summer for the upkeep of rivers and for the requirements of vegetable life. The winter fall is all-important from the point of view of water supply, and practically the whole of this is either stored underground or is carried away by streams.



Rainfall, Seasonal Year, as per cent. of average.

Moreover, by this division we get the wet months—October, November, December and January on the one side, and the drier months—April, May, June and September on the other. The average rainfall of the six winter months exceeds that of the six summer months in each

country and over the whole of the British Isles. For the period 1881 to 1915, the fall of the summer and winter months was about 43 and 57 per cent. respectively of the annual total. This is shown in the table below :—

General Rainfall, average 1881 to 1915.

—	England and Wales.	Scotland.	Ireland.	British Isles.
	in.	in.	in.	in.
Summer, April to Sept. . .	15·62	21·12	19·02	17·99
Winter, Oct. to March . .	19·61	29·20	24·28	23·42
Year	35·23	50·32	43·30	41·41

A similar relationship exists at individual stations.* In dealing with rainfall as a percentage of the average it is important to remember that the rainfall of the winter half year in general exceeds that of the summer half year. While maps showing the rainfall of successive summers or winters are strictly comparable, those for the summer and winter of each year are not so, *e.g.*, 110 per cent. on the winter map represents more actual rainfall than 110 per cent. on the summer map.

The records for the winter of 1923–24, for the summer of 1924, and for the seasonal year from October to September are derived from the 150 stations utilised in Table XX of the section on Monthly Rainfall. The percentages of the average falls are set out in Table XXII and from these statistics the three maps on pp. 112–114 have been prepared.

The winter half year included two wet months, October, 1923, and January, 1924, and two very dry months, February and March. Over the whole period the excess was most marked along the west of Great Britain where 110 per cent. of the average occurred in the Devon-Cornwall Peninsula, in the west of Wales, in Lancashire, in the Islands of Islay and Mull and in Sutherlandshire. Locally in these areas the fall reached 120 per cent. of the average. More than 110 per cent. also occurred in Essex, in Caithness and in Co. Down. The area with the least percentage fall was in Central Scotland where less than 70 per cent. was recorded in Perthshire. In Ireland the fall was also least in the central regions, less than 80 per cent. being recorded in eastern Galway. In England and Wales the deficiencies were not so intense although less than 90 per cent. of the average fell over considerable areas.

* See *Book of Normals, Section V*, Meteorological Office publication, giving averages for 578 stations in the British Isles.

Table XXI demonstrates the remarkable rainfall of *the summer of 1924*, which ranks as far and away the wettest since before 1907 when statistics in this form became available. Indeed, for the whole of the British Isles it was the wettest summer since before 1881.† The general summer fall for the British Isles was no less than 143 per cent. of the average. Second and third on the list of wet summers for the period 1907 to 1924, come 1918 with 120 per cent., and 1920 with 117 per cent., while closely following comes 1912 with 116 per cent. The 1924 figures for England and Wales and for Ireland are even more remarkable, being 147 per cent. and 146 per cent. respectively. Scotland had 134 per cent. in 1924, but even this relatively moderate figure, as compared with the remainder of the country, exceeds the corresponding figure, 132 per cent. for Scotland in 1923, which was referred to in *British Rainfall, 1923*, as the largest summer percentage obtained for Scotland since comparable values were available.

Turning to local areas we find that more than 150 per cent. of the average occurred over practically the whole of the southern half of England and Wales and over smaller areas in north-west Ireland, in Islay, in Aberdeenshire, and in the Isle of Man. Among the large percentage values were those of 197 at Malvern in Worcestershire, 194 at High Wycombe in Buckinghamshire, and 173 at Markree Castle in Co. Sligo. At Malvern the fall exceeded 150 per cent. in April, May, July and September. On the 31st May the fall was as much as 3·81 inches and this largely accounted for the big monthly percentage value of 366. At High Wycombe the fall exceeded 150 per cent. of the averages in each of the six summer months except August. At Markree Castle the run of wet months was also remarkable, the percentage falls being 179, 208, 151, 134, 182 and 185 for the months from April to September. It has been computed that owing mainly to the heavy rain of August 18th, the fall of the summer half year at Brymore House, near Cannington in Somersetshire, amounted to 221 per cent. of the average. Weight has been given to this figure on the map showing the percentage fall in the summer half year.

For *the seasonal year* there are two large areas with less than the average; in Central Scotland and in Lincolnshire. The excesses were more widespread and more intense. The southern half of England was most seriously affected and large areas stretching from Aberystwyth to Ipswich and parts of Devonshire received more than 130 per cent. of the average. At Malvern the fall was as much as 150 per cent. of the average. Elsewhere the areas with more than 130 per cent. were much smaller and included the land bordering on the Irish Sea, parts of Connemara, Sligo, Islay and Aberdeenshire. The seasonal year 1923 to 1924 ranks as the wettest since that of 1911 to 1912.

† See also table on p. 265.

Table XXI.—Seasonable Rainfall as Percentage of the Average,
1881–1915.

Period.	Winter, Oct. to Mar.	Summer, Apr. to Sept.	Seasonal Year, Oct. to Sept.	Winter, Oct. to Mar.	Summer, Apr. to Sept.	Seasonal Year, Oct. to Sept.
	<i>England and Wales.</i>			<i>Scotland.</i>		
Oct. Sept.						
1906–1907	101	105	104	102	107	105
1907–1908	115	108	114	104	103	104
1908–1909	73	114	93	77	95	85
1909–1910	110	105	108	105	107	107
1910–1911	106	77	93	89	89	89
1911–1912	136	132	134	114	100	108
1912–1913	113	88	102	116	85	104
1913–1914	102	85	95	105	85	97
1914–1915	131	97	116	114	85	102
1915–1916	126	96	113	108	110	110
1916–1917	101	121	110	99	99	100
1917–1918	85	130	105	109	110	111
1918–1919	117	81	101	94	90	92
1919–1920	108	129	117	118	101	111
1920–1921	77	66	72	98	87	93
1921–1922	95	115	104	102	104	103
1922–1923	94	104	98	88	132	107
1923–1924	100	147	121	95	134	112
	<i>Ireland.</i>			<i>British Isles.</i>		
Oct. Sept.						
1906–1907	87	105	96	98	105	101
1907–1908	110	110	111	111	107	109
1908–1909	84	91	88	76	103	89
1909–1910	111	111	112	110	107	109
1910–1911	83	85	84	97	82	90
1911–1912	134	102	119	130	116	124
1912–1913	111	99	106	114	91	104
1913–1914	115	85	102	106	85	97
1914–1915	118	89	105	124	92	110
1915–1916	110	103	108	119	102	111
1916–1917	112	111	112	104	113	108
1917–1918	106	107	107	97	120	108
1918–1919	110	85	99	111	84	99
1919–1920	108	110	108	111	117	113
1920–1921	104	76	91	90	74	83
1921–1922	101	102	102	99	109	103
1922–1923	92	110	100	92	113	101
1923–1924	94	146	118	97	143	118

Table XXII.—Seasonal Rainfall, 1923-1924, in relation to the Average, 1881-1915.

Station. †	Winter 6 Months, Oct. 1923- Mar. 1924.			Summer 6 Months, Apr. 1924- Sep. 1924.			Station. †			Winter 6 Months, Oct. 1923- Mar. 1924.			Summer 6 Months, Apr. 1924- Sep. 1924.			Twelve Months, Oct. 1923- Sep. 1924.		
	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.				Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.
St. Pancras (Camden Square) ..	109	168	137	104	141	118	St. Austell (Trevarna) ..	104	141	118	St. Austell (Trevarna) ..	104	141	118	St. Austell (Trevarna) ..	104	141	118
Tenterden (View Tower)	103	154	125	94	155	121	Chewton Mendip (The Priory) ..	94	155	121	Chewton Mendip (The Priory) ..	94	155	121	Chewton Mendip (The Priory) ..	94	155	121
St. Peter's	99	127	112	102	177	136	Cirencester (Dollard House) ..	102	177	136	Cirencester (Dollard House) ..	102	177	136	Cirencester (Dollard House) ..	102	177	136
Edenbridge (Falconhurst)	107	173	135	97	182	136	Church Stretton (Wolstaston) ..	97	182	136	Church Stretton (Wolstaston) ..	97	182	136	Church Stretton (Wolstaston) ..	97	182	136
Compton (Compton House)	94	170	126	97	141	119	Market Drayton (Old Springs) ..	97	141	119	Market Drayton (Old Springs) ..	97	141	119	Market Drayton (Old Springs) ..	97	141	119
Brighton W.W. (Lewes Road) ..	105	165	130	105	197	150	Malvern (Free Library)	105	197	150	Malvern (Free Library)	105	197	150	Malvern (Free Library)	105	197	150
Ventnor (Royal National Hosp.) ..	104	133	116	109	158	133	Farnborough	109	158	133	Farnborough	109	158	133	Farnborough	109	158	133
Fordingbridge (Oaklands)	97	175	128	93	160	126	Birmingham (Edgbaston)	93	160	126	Birmingham (Edgbaston)	93	160	126	Birmingham (Edgbaston)	93	160	126
Sherborne St. John Rectory	86	153	115	85	123	104	Belvoir Castle Gardens	85	123	104	Belvoir Castle Gardens	85	123	104	Belvoir Castle Gardens	85	123	104
Royston (Therfield Rectory) ...	94	153	124	100	114	107	Boston (Black Sluice, Skirbeck) ..	100	114	107	Boston (Black Sluice, Skirbeck) ..	100	114	107	Boston (Black Sluice, Skirbeck) ..	100	114	107
High Wycombe	114	194	149	82	100	91	Lincoln (Sessions House)	82	100	91	Lincoln (Sessions House)	82	100	91	Lincoln (Sessions House)	82	100	91
Oxford (Magdalen College)	98	159	128	94	136	115	Mickleover (Clyde House)	94	136	115	Mickleover (Clyde House)	94	136	115	Mickleover (Clyde House)	94	136	115
Pitsford (Sedgebrook)	96	141	118	115	136	125	Manchester (Whitworth Park) ..	115	136	125	Manchester (Whitworth Park) ..	115	136	125	Manchester (Whitworth Park) ..	115	136	125
March	102	122	112	105	137	120	Stonyhurst College	105	137	120	Stonyhurst College	105	137	120	Stonyhurst College	105	137	120
Chelmsford (County Laboratory)	113	161	136	112	144	128	Southport (Hesketh Park)	112	144	128	Southport (Hesketh Park)	112	144	128	Southport (Hesketh Park)	112	144	128
Hawkedon Rectory	107	142	124	114	127	120	Ulverston (Poaka Beck)	114	127	120	Ulverston (Poaka Beck)	114	127	120	Ulverston (Poaka Beck)	114	127	120
Felixstowe (Wireless Tel. Stn.) ..	128	155	141	119	143	130	Sedburgh (Akay)	119	143	130	Sedburgh (Akay)	119	143	130	Sedburgh (Akay)	119	143	130
Beccles (Geldeston)	104	140	121	80	113	96	Wath-upon-Deane (Chapel St.) ..	80	113	96	Wath-upon-Deane (Chapel St.) ..	80	113	96	Wath-upon-Deane (Chapel St.) ..	80	113	96
Blakeney	111	108	110	94	131	110	Bradford (Lister Park)	94	131	110	Bradford (Lister Park)	94	131	110	Bradford (Lister Park)	94	131	110
Swaffham	104	104	104	98	156	126	Wetherby (Ribston Hall)	98	156	126	Wetherby (Ribston Hall)	98	156	126	Wetherby (Ribston Hall)	98	156	126
Bishops Cannings	95	149	120	89	111	100	Hull (Pearson Park)	89	111	100	Hull (Pearson Park)	89	111	100	Hull (Pearson Park)	89	111	100
Evershot (Melbury House)	86	166	117	104	134	117	Leyburn (Bolton Hall)	104	134	117	Leyburn (Bolton Hall)	104	134	117	Leyburn (Bolton Hall)	104	134	117
Launceston (Polapit Tamar)	120	148	131	96	124	110	Felixkirk (Mount St. John)	96	124	110	Felixkirk (Mount St. John)	96	124	110	Felixkirk (Mount St. John)	96	124	110
Ashburton (Druid House)	102	181	130	88	112	99	Scarborough	88	112	99	Scarborough	88	112	99	Scarborough	88	112	99
Cullompton	95	179	130	101	131	116	Middlesbrough (Albert Park)	101	131	116	Middlesbrough (Albert Park)	101	131	116	Middlesbrough (Albert Park)	101	131	116
Barnstaple (N. Dev. Athenæum) ..	113	166	135	82	119	98	Baldersdale (Hury Reservoir)	82	119	98	Baldersdale (Hury Reservoir)	82	119	98	Baldersdale (Hury Reservoir)	82	119	98
Penzance (Morrab Gardens)	95	110	101	94	158	126	Newcastle (Town Moor)	94	158	126	Newcastle (Town Moor)	94	158	126	Newcastle (Town Moor)	94	158	126

† For counties see Table XX, pp. 107-111.

Table XXII (con.)—Seasonal Rainfall, 1923–1924, in relation to the Average, 1881–1915—(con.).

Station. ‡	Winter 6 Months, Oct. 1923– Mar. 1924.			Summer 6 Months, Apr. 1924– Sep. 1924.			Twelve Months Oct. 1923– Sep. 1924.			Station. †	Winter 6 Months, Oct. 1923– Mar. 1924.			Summer 6 Months, Apr. 1924– Sep. 1924.			Twelve Months, Oct. 1923– Sep. 1924.		
	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.		Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.	Per cent. of Average.			
Hallington (Fawcett) (Newc. W.W.)	83	150	115	Caldercruix (Hillend Reservoir)	89	129	107	Kilmarnock (Agricultural College)	104	136	118								
Ilderton (Lilburn Tower)	88	135	110	Girvan (Pinmore)	106	129	116	Greenock (Prospect Hill)	83	111	94								
Carlisle (Scaleby)	106	108	107	Lochgilphed (Poltalloch)	109	143	124	Skipness Castle	97	118	106								
Borrowdale (Seathwaite)	102	149	121	Inveraray Castle Gardens	90	141	110	Islay (Eallabus)	125	156	138								
Abergavenny (Larchfield)	94	159	123	Loch Leven Sluice	70	133	98	Loch Dhu	75	126	94								
Ystalyfera (Wern House)	99	164	125	Crieff (Strathearn Hydro)	66	142	99	Glen Garry (Dalnaspidal Lodge) .	71	131	95								
Cardiff (Ely Pumping Station) . .	96	164	125	Dundee (Eastern Necropolis)	86	149	117	Montrose (Sunnyside Asylum) . .	96	151	122								
Carmarthen (The Friary)	96	151	119	Braemar (Bank)	79	126	99	Logie Coldstone School	94	157	124								
Haverfordwest (Grammar School)	111	146	126	Logie Coldstone School	102	167	132	Aberdeen (Cranford House)	104	137	119								
Aberystwyth (Gogerddan)	114	153	132	New Deer Schoolhouse	105	134	120	Gordon Castle	105	134	120								
Birmingham W.W. (Nantgwillt)	94	158	118	Grantown-on-Spey	93	134	113	Nairn (Deinies)	94	140	117								
Lake Vyrnwy	101	181	133	Fort Augustus (St. Benedict's) . .	75	134	97	Loch Quoich (Glenquoich)	85	125	99								
Northop (Soughton Hall)	90	146	115	Loch Quoich (Glenquoich)	85	125	99	Arisaig House	108	126	116								
Dolgelly (Bryntirion)	114	165	135	Fort William	80	123	96	Alness (Ardross Castle)	85	151	113								
Llandudno	97	137	115	Loch Torridon (Bendamph)	95	120	106												
Llandwrog (Glynllivon Park) . .	97	155	120																
Holyhead (Salt Island)	96	159	123																
Douglas (Borough Cemetery) . .	111	172	137																
Stoneykirk (Ardwell House) . . .	126	136	131																
Dalry (Glendarrock)	95	133	110																
Auchencairn (Torr House)	112	136	122																
Durrisdeer (Drumlanrig Gardens)	91	138	111																
Hawick (Branxholme)	89	128	106																
Marchmont House	90	142	115																
North Berwick Reservoir	77	136	107																
Edinburgh (Royal Observatory)	84	137	111																
Biggar	85	118	101																

† For counties see Table XX, pp. 107–111.

10. THE TOTAL FALL OF RAIN IN 1924 AND ITS RELATION TO THE AVERAGE.

The rainfall for the year is given for some 5,000 stations in the British Isles in the General Table, Part III, of this volume. It is represented on the folding map opposite the title page. Such a map is dominated so much by the orography of the country that it is not easy to grasp the full significance of the annual variations. The characteristics of the year are brought out more clearly by the map facing p. 122, in which the ratio of the rainfall for the year to the average is shown. Statistics on which the latter map is based will be found partly in Table XX, pp. 107–111, where the annual percentages are tabulated for the same stations as the monthly ones, and partly in Table XXIV, p. 124. The general means of the percentages have been computed from the station values in Tables XX and XXIV together. These are set out in the fifth column of Table XXIII below. The rainfall for the year in inches was deduced from the figures in the preceding columns.

Table XXIII.—*General Rainfall, 1924, compared with average.*

Countries.	No. of Stations.	Average 35 years 1881–1915.		1924		
				Per cent.	Rainfall.	
		in.	mm.		in.	mm.
England	135	32·67	830	120	39·2	996
Wales	26	50·14	1,274	120	60·2	1,529
England and Wales	161	35·23	895	120	42·3	1,074
Scotland	63	50·32	1,278	105	52·8	1,341
Ireland	49	43·30	1,100	122	52·8	1,341
British Isles ..	274	41·41	1,052	117	48·4	1,229

For the British Isles as a whole, the year was wetter than any since 1903, when the general rainfall was 52·6 in. or 127 per cent. of the average. For England and Wales the general value for 1924 was 120 per cent. compared with 128 per cent. in 1903. One other year since 1903, viz., 1912, with 125 per cent., ranks as wetter than 1924 over England and Wales. In the case of Ireland the contrast between

the two years 1924 and 1903 is less pronounced, the general values being 122 and 124 per cent. respectively. Since 1868 there have been only two other years, viz., 1872 with 128 and 1877 with 123 per cent., which were wetter than 1924 over Ireland generally. The total rainfall for the year in Scotland was not remarkable.

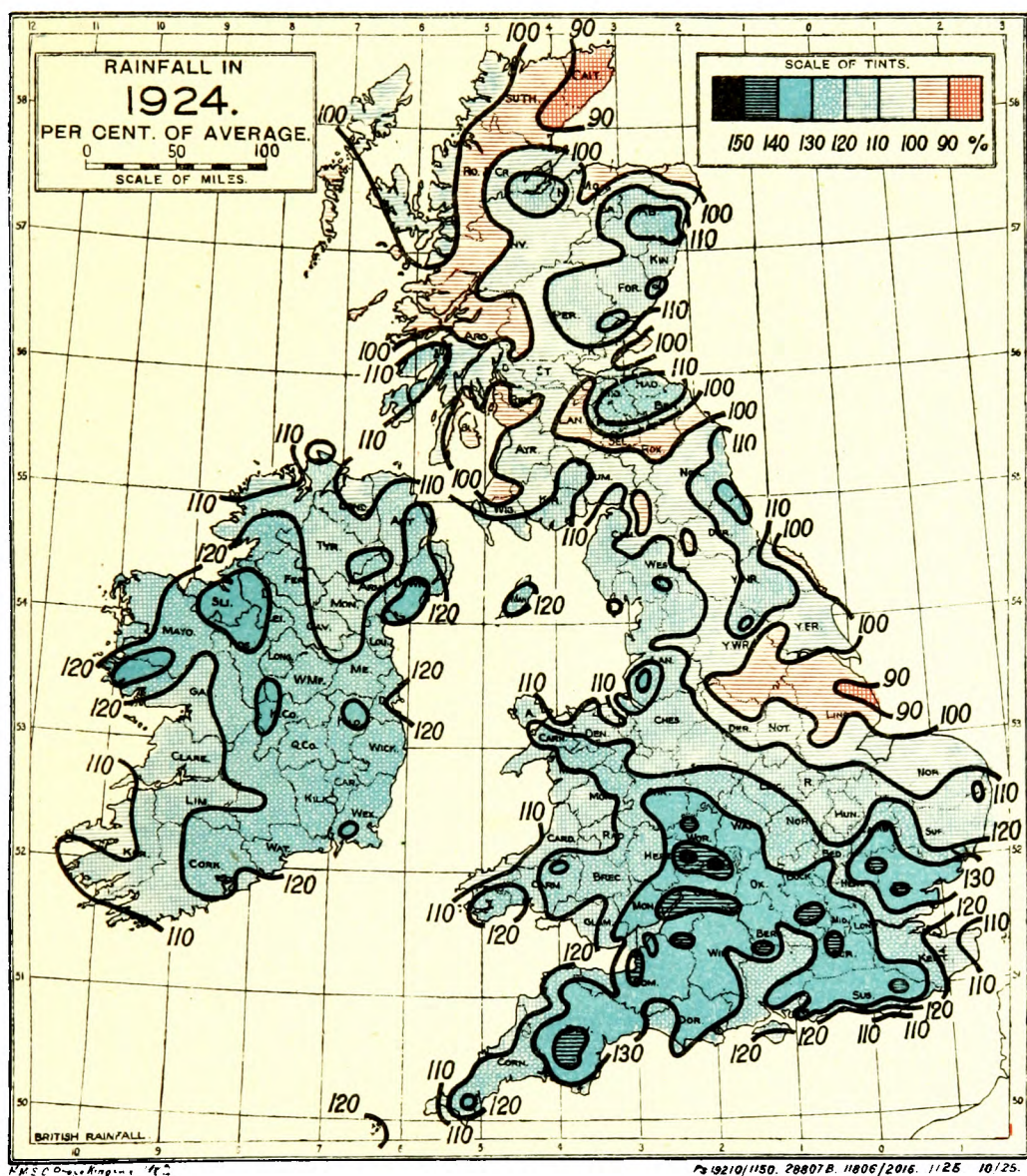
The fall for the year was less than the average over a small part of the British Isles. Such falls occurred over a broad strip stretching from the Isle of Mull to Caithness, in the neighbourhood of the Firth of Clyde and the Firth of Forth, along the east coast of England from Whitby to the Wash, and stretching as far inland as Sheffield and locally to the east of the English Lake District. In the neighbourhood of Louth, in Lincolnshire, and in Caithness, less than 90 per cent. of the average was recorded. In Scotland the fall nowhere exceeded 130 per cent. of the average. Falls of more than 120 per cent. occurred along part of the east coast from Dundee to Aberdeen. In Ireland more than 130 per cent. fell over considerable areas as far apart as the mountains of Connemara and Sligo in the west and Co. Down and Co. Wexford in the east. At Ballinrobe, on Loch Mask, in Co. Mayo, 1924 was the wettest year since the record began in 1877. The total for 1924 of 63·14 in. compares with 61·80 in. for 1903. In England and Wales, especially in the southern half, values exceeding 140 per cent. were common. Some of the largest percentage values were those at Evesham, in Worcestershire, of 156 per cent. ; at Malvern, also in Worcestershire, of 154 per cent. ; and at High Wycombe, at the foot of the Chiltern Hills, of 150 per cent. of the average. At High Wycombe the fall of 38·94 in. was exceeded only in 1903, when the total was 39·78 in., although the record extends back to 1846. At Malvern, 1924 was the wettest year since the record began there in 1875. At Cirencester, in Gloucestershire. 1924 with 44·73 in. was surpassed by 1903 with 45·23 in., but is the third wettest year in the last 80, 1852 with 48·85 in. heading the list.

Extremes of Annual Rainfall.

Some of the *largest annual totals* set out in the General Table, Part III, of this volume include the following :—

England :—				in.
Cumberland, Borrowdale (The Styne)	..			201·50
Wales :—				
Carnarvon, Snowdon (Crib Goch), No. 8				189·90
„ „ (Delta), No. 7	..			187·15
Scotland :—				
Argyll, Mull (Benmore)	..	..	..	137·20
Inverness, Loch Quoich (Loan)	..	..	..	130·00
Ireland :—				
Mayo, Delphi Lodge	..	..	..	119·16

RELATION OF RAINFALL IN 1924 TO THE AVERAGE OF 1881-1915.



The area coloured Red had rainfall below the average, that coloured Blue had rainfall above the average.

These values are in every case considerably smaller than those of last year when as much as 247·30 in. was measured at The Styne, in Cumberland. This amount ranks as one of the largest annual totals on record for the British Isles.

In the case of *low annual values* it should be mentioned that in a few cases readings of gauges believed to be over-exposed to the wind are included in the General Table, and for some of the gauges the amounts are very low. Some of the lowest reliable rainfalls include those set out below :—

	in.
Norfolk, Hunstanton	21·38
Lincoln, Skegness (Marine Gardens)	21·39
Norfolk, Sheringham Hall	21·57
Cambridge, Parson Drove (Clows Cross)	21·93

These small totals all occur on the low land in the neighbourhood of the Wash. The small readings each year occur along the east coasts of England, Scotland and Ireland, especially at the Thames Estuary, the Firth of Forth, and the Moray Firth, and in the neighbourhood of Dublin. The lowest annual totals on record occurred in 1921, when numerous stations in Surrey and Kent reported less than 12 in. of rain for the year.

TABLE XXIV.—RAINFALL OF 1924 AS PERCENTAGE OF AVERAGE, 1881-1915.*

County.	Station.	Per cent. of Average.	County.	Station.	Per cent. of Average.
ENGLAND.					
Surrey	Caterham Mental Hospital....	133	Yorks W.R.	Malham Tarn	113
Kent	Folkestone (Cherry Gardens) ..	119	" E.R.	Harrogate (Harlow Moor Obsy.)	110
"	Rochester (Knights Place)	123	"	Warter	101
Sussex	Yapton (Bonhams)	131	"	Pattrington	100
"	Horsham (Wimblehurst)	133	"	Lowthorpe (The Elms)	105
"	St. Leonards (Gensing Gardens)	131	" N.R.	Malton (Broughton Rise).....	111
Hampshire.	Totland Bay (Aston House) ..	124	Durham ..	Ushaw (St. Cuthbert's College)	111
"	Portsmouth (Victoria Park) ..	130	Nor'd	Morpeth (Cockle Park)	115
"	Ovington Rectory	138	"	Rothbury (Cragside)	103
Berkshire ..	Wellington College	129	Cumberl'd.	Penrith (Briar Cottage)	100
"	Newbury (Greenham Common)	141	"	Ravenglass (The Grove).....	110
Hertford ..	Harpenden (Rothamsted)	127	"	Whitehaven (Irish Street)....	116
Bucks	Newport Pagnell (The Croft) ..	126	Westmorl'd	Kirkby Stephen (Redman Ho.)	109
Oxford	Middleton Park.....	134	WALES.		
N'hants ...	Wellingborough (Swanspool) ..	123	Monmouth.	Monmouth (Pentwyn)	138
"	Oundle (Milton Road)	110	Glamorgan.	Gorseinon (Penllergaer)	124
Cambridge.	Stretham Engine.....	129	Carmarth'n	Llanwrda (Dolaucothy)	131
Essex	Elsenham (Gaunts End).....	146	Pembroke.	St. Davids	102
"	Clacton-on-Sea	133	"	Pembroke (Stackpole Court) ..	128
"	Earls Colne (Chalkney Ho.) ..	134	"	Fishguard (Langton, Dwrbach)	108
Suffolk	Rendlesham Hall	117	Brecon	Aberdare (Nanthir Res.)	117
Norfolk ...	Norwich (Christ Ch. Rd., Eaton)	116	Radnor ...	New Radnor	120
"	Wells (Holkham Hall).....	101	Montgom'y	Newtown (Penarth Weir)	119
Wiltshire ..	Salisbury Plain (Chitterne Ho.)	140	Denbigh ..	Wrexham (Pack Saddle Res.) ..	122
"	Marlborough (Mildenhall)	133	"	Denbigh (Garn)	114
Dorset	Weymouth (Westham)	139	Merioneth.	Bala (Eryl Aran).....	125
Devon S...	Bere Regis (Bloxworth House)	137	Anglesey ..	Llanerchymedd (Llwydarth Esgob)	117
"	Plymouth (The Hoe)	125	SCOTLAND.		
"	Torquay (Cary Green)	133	Kirkcudb't.	Dumfries (Cargen)	109
"	Sidmouth (Sidmout)	137	Dumfries ..	Langholm (Ewes)	103
" N...	Torrington (Enfield)	113	Roxburgh ..	Kelso (Broomlands)	95
Cornwall ..	Newquay (Mount Wise)	121	Midlothian.	Edinburgh (Univ. Engin. Lab.)	107
"	Falmouth (Observatory)	134	Lanark ...	Hamilton W.W. (Townhill) ..	105
"	Callington (Pencrebar)	126	Ayr.	Maybole (Culzean Castle Grdns.)	105
"	Tresco Abbey	121	Renfrew ...	Paisley (The Coats Observatory)	105
Somerset ..	Street (Millfield)	137	Stirling ...	Strathblane (Mugdock Res.) ..	102
"	Milverton (Spring Grove)	130	Argyll ...	Loch Sunart (Glenborrodale) ..	94
Gloucester.	Cheltenham (High Street)	135	"	Corran Lighthouse	96
"	Clifton College	139	"	Mull of Kintyre	109
Hereford ..	Hereford (Belmont Abbey)	123	Perth	Perth (Wellshill Cemetery) ..	118
Shropshire.	Shifnal (Hatton Grange)	132	Forfar	Kirriemuir (Lintrathen)	110
Stafford ...	Teaon (The Heath House)	119	Aberdeen ..	Ellon (Esslemont House)	123
Worcester ..	Stourport (Lincombe Lock) ..	144	Banff	Keith Station	110
"	Blockley (Upton Wold)	140	Inverness ..	Alvie Manse	105
Warwick ...	Alcester (Ragley Hall)	135	"	Loch Ness (Foyers)	109
"	Ryton-on-Dunsmore (Ryton Ho.)	131	"	Inverness (High School)	118
Leicester ..	Kibworth Beauchamp	122	Ross	Ullapool	99
"	Thornton Reservoir	122	Sutherland.	Lairg	93
Lincoln ...	Spalding (Pode Hole).....	112	IRELAND.		
"	Skegness	92	Cork	Cork (University College)	129
"	Louth (Westgate)	89	"	Midleton (Ballinacurra)	116
"	Brigg	93	Wexford ..	Foulkesmill (Longraigue)	132
Nottingham	Southwell (Elmfield)	108	Carlow ...	Bagnalstown (Fenagh House) ..	128
"	Workop (Hodsock Priory) ..	101	"	Hacketstown Rectory	124
Derby	Buxton (Devonshire Hosp.) ..	106	Dublin ...	Dublin (Phoenix Park)	121
Cheshire ...	Runcorn (Weston Point).....	121	W'meach ..	Athlone (Twyford House)	132
"	Woodhead Reservoir	96	Roscomm'n	Strokestown (Castlenode) ..	132
Lancs. C...	Burnley (Swinden) Lower g. ..	107	Mayo	Ballinrobe (Cranmore).....	130
"	Wigan W.W. (Worthington) ..	128	Down	Newry (Bridge Street House) ..	128
" N...	Barrow-in-Furness (Gas Works)	129	"	Donaghadee (Coastguard Stn.)	111
"	Blackpool (Met. Observatory) ..	116	"	Banbridge (Milltown).....	117
Yorks W.R.	Slaidburn (Dunsop Houses) ..	110	Donegal ..	Malin Head	125
"	Goole	105	"	Milford (The Manse)	107
"	Wakefield (Clarence Park)....	103			

* See also Table XX, pp. 107-111.

11. EVAPORATION AND PERCOLATION IN 1924.

In this section will be found the results of observations made with evaporation and percolation gauges.

The evaporation gauges are square tanks sunk in the ground. The tank at Camden Square which has been regarded as the standard one is 6 ft. square and 2 ft. deep and is sunk into the ground so that the lip projects about 3 in. The routine is to measure the changes in level of the water from day to day and make allowance for the rainfall. The monthly totals at Camden Square for the period 1885 to 1924 are set out in Table XXVIII.

As to the exposure of the evaporation gauges, the following information has been collected. It is published now for the first time. The gauges are surrounded by turf in all cases except at Talla :—

Camden Square.—The evaporation gauge is in a suburban garden surrounded by tall houses. A photograph showing the gauges was published as the frontispiece in "British Rainfall, 1921." A discussion of the evaporation records is to be found in "British Rainfall, 1919," pp. 6-13.

Otterbourne.—The evaporation gauge is on level ground and there is no shelter from the wind.

Petersfield (Stoner Park).—The evaporation gauge is in a garden. It was formerly in use at Isfield Place in Sussex.

Burrator.—The evaporation gauge is on sloping ground. There are trees, some about 25 ft. high to the south-west and east, the nearest tree being 65 ft. away, while to the north and north-east there is practically no shelter. (The record for 1924 is not published.)

Kennick.—The evaporation gauge is on level ground and is sheltered on the south side by a coppice of trees 12 to 15 ft. high, 100 ft. away.

Revesby.—The evaporation gauge is on level ground and is not sheltered. The rain-gauge is 120 ft. away but the exposure is similar.

Southport.—The evaporation gauge is in a sheltered position in Hesketh Park. The nearest trees are pines, about 40 ft. high and 45 ft. distant to the north. To the south-east there is sloping ground commencing to rise decidedly about 20 yds. from the gauge. The small enclosure containing the evaporation gauge and rain-gauge is surrounded by a light railing.

Ardsley.—Evaporation Gauge No. 1 is situated on the north-east side of Ardsley Reservoir. There is no protection from the winds which blow across the reservoir. A wall 5 ft. high is at a distance of 30 to 40 yds. Sparsely planted trees, 25 ft. to 30 ft. high, are in the same enclosure.

Evaporation Gauge No. 2 was established so that comparisons between the amounts of evaporation from exposed and sheltered gauges could be made. This second gauge is on the south side of the reservoir and on a lower level. The site is on a level shelf of ground at the foot of the embankment surrounding the reservoir. There are steep slopes on two other sides and on the south there is a small copse at a distance of 150 ft.

Talla Water.—The evaporation gauge is in a fairly open position. It is situated, with the rain-gauge, on fairly level ground within a square open iron bar fence enclosure about 18 ft. side. Within the fence the ground is gravelled, outside it is turf. The rain-gauge is 3 ft. from the tank.

Edinburgh University.—The dimensions of the evaporation gauge are 4 ft. \times 4 ft. \times 2 ft. It is in a somewhat sheltered position. There is a wall 10 ft. high, 40 ft. distant to the west and 30 ft. to the north. In other directions there are buildings which are at least 40 ft. high and at an approximate distance of 80 ft. The rain-gauge is 2 ft. from the south edge of the tank.

Valencia Observatory, see below.

It is hardly necessary to mention that the amount of water evaporated from a tank is not a precise measure of the evaporation from soil and vegetation, or of the evaporation from large sheets of water. On the other hand for comparison of one month with another the observations are instructive. The amount of evaporation in the course of a day depends not only on the temperature of the air and its saturation deficit but also on its movement, so that it is to be expected that there will be more evaporation in a windy place than in a sheltered one. Thus it happens that the amounts of evaporation recorded at Hesketh Park, Southport, and at Camden Square, London, are amongst the lowest on the list.

It is the general experience in the British Isles that evaporation is very slight in the winter months. It sometimes happens that the level of the water in a tank rises even when there has been no rainfall. This rise is attributed to condensation. If condensation during a month exceeds evaporation the excess is shown in the printed summary and indicated by the letter C.

Table XXV contains monthly values of evaporation at Camden Square and at Valencia Observatory for those days of the year on which not more than 1 mm. of rain fell. Days with 1 mm. or more of rain are omitted because the Superintendent of Valencia Observatory has noticed that during heavy rain the net gain of water in the gauge is in excess of the rainfall, this being due to the circumstance that the amount of water splashing into the gauge from the ground and walls of the gauge on the windward side exceeds that which splashes out on the leeward side. In comparing the results there is the further difficulty that the evaporation gauge at Valencia is much

exposed to wind, while that at Camden Square is decidedly sheltered. Observation shows that the water in an evaporation gauge is liable to be carried over the edge and lost during high winds; this would tend to increase the apparent evaporation measured at Valencia as compared with the measurements at Camden Square.

TABLE XXV.—Evaporation on Days with not more than .04 in. of rain.

1924.	Camden Square.			Valencia Observatory.		
	Number of Days.	Total inch.	Average in. / day.	Number of Days.	Total inch.	Average in. / day.
January	23	C·07	·00	5	·25	·05
February	24	·25	·01	18	·63	·03
March	24	·65	·03	17	·96	·06
April	20	1·08	·05	16	1·15	·07
May	19	1·50	·08	9	1·04	·12
June	20	2·22	·11	11	1·03	·09
July	20	2·27	·11	15	1·61	·11
August	16	1·06	·07	7	·87	·12
September	17	·69	·04	10	·83	·08
October	17	·31	·02	8	·49	·06
November	21	·32	·02	14	·35	·03
December	19	·12	·01	6	·01	·00

The average daily evaporation on the rainless days of each month at Valencia Observatory was about the same as in 1923. In almost every month the rate at Valencia was greater than at Camden Square. This is presumably to be attributed to the excess of wind.

As will be seen from the entries in Table XXVI, the total amount of evaporation in 1924 was everywhere less than the normal. This was no doubt due to the deficient sunshine, moderate temperature and high humidity during the latter half of the summer. The most conspicuous deficits were at Lower Laithe (the reservoir of the Keighley Water Works) and at Talla Water, near Edinburgh. The Engineer of the Edinburgh Waterworks is satisfied that the lack of warmth in the last few summers accounts for the persistent defects in the evaporation there.

The difficulty in obtaining reliable measurements of evaporation has been mentioned. Cases in which considerable evaporation is reported in a winter month are suspect, especially when they occur at a place which is fully exposed to the wind. On this account the .71 in. given for Harrogate for December must be regarded as excessive.

In the case of Edinburgh the record was vitiated in January owing to snow blowing on to the frozen water surface. On the 1st June, 1st July and 1st October the water in the tank was beyond the gauge reading apparatus and no readings are available.

Percolation Gauges.—Turning to the records of percolation we note that the rate at which percolation occurs must depend on the

nature of the soil as well as on the condition of the surface. The following details with regard to the percolation gauges mentioned in Table XXVII have been supplied for use in this section.

Compton, Sussex.

Dimensions.—3 ft. \times 3 ft. \times 3 ft.

Soil.—10 in. of soil over 2 ft. of well-rammed chalk.

Vegetation.—Grass, clipped two or three times a year, clippings removed.

Grayscott, Hants.

Dimensions.—3 ft. \times 3 ft. \times 3 ft.

Soil.—3 in. of peat over yellow loam. The soil is typical of the district and has not been disturbed since the gauge was made in 1903.

Vegetation.—The native heather, which is kept cut short but grows very slowly.

Porosity.—When the soil is slightly moist and the rainfall not exceptionally heavy it takes three days for the rain to percolate the three feet.

Rothamsted.

Size.—The area of each of these gauges is one-thousandth of an acre. The depths are 20 in., 40 in., and 60 in. respectively.

Construction.—The soil was not disturbed when the gauges were made. Brickwork walls were built round the blocks of soil: perforated plates were driven underneath and the soil below was then removed for the installation of collecting vessels.

Soil.—A rather heavy loam with a reddish-yellow sub-soil over chalk. Soil and sub-soil contain numerous flints.

Surface.—No vegetation. Seedling weeds are removed by hand.

The Rothamsted Gauges are described in the *Journal of the Royal Agricultural Society*, Section II, Vols. 17, 18. The most complete discussion of the results is by N. H. J. Miller, "The Amount and Composition of the Drainage through unmanured and uncropped land, Barnfield, Rothamsted." *J. Agricultural Science*, Vol. I, 1906.

Harrogate, Yorks.

Dimensions.—3 ft. \times 3 ft. \times 3 ft.

Soil.—"The soil was obtained locally and has no specific description."

Vegetation.—Grass, cut as required to keep down the growth.

Craibstone.

Dimensions.—7 ft. 9 in. \times 5 ft. 7½ in. \times 3 ft. 4 in.

Soil.—The soil, which was not disturbed when the gauges were made, is of glacial origin. Analysis of samples gave 86 per cent. of sand and insoluble silicates in the soil of the uppermost 9 in., 89 per cent. in that of the next 9 in.

Vegetation.—The crop is varied with that of the adjacent field and the cultivation is as nearly as may be on the same lines. One gauge receives no manure, the second is manured, and the third manured and limed.

The Craibstone gauges are described by Professor James Hendrick in the *Transactions of the Highland and Agricultural Society of Scotland*, 1921.

The most striking point about Table XXVII is that in no month of 1924 was the soil so dry as to prevent percolation of all the rainfall. The contrast between the years 1923 and 1924 was exceptionally great in the case of Craibstone but this is explained by the change in treatment of the surface. In 1923 the gauges bore a crop of hay, in 1924 they were under pasture. The figures suggest that the long grass uses up much more moisture than short grass.

TABLE XXVI.—Evaporation in 1924.

List of Stations.	County.	Observer.	Particulars of Tank.			
			Height above		Side.	Capacity.
			Ground.	Sea Level.		
Camden Square	London	Roy. Met. Soc. . .	ft. in.	ft.	ft. in.	Gals.
Otterbourne ..	Hampshire	E. C. Rodda, Esq.	0 3	111	6 0	450
Petersfield . . .	"	C. J. P. Cave, Esq.	0 3	112	6 0	450
Ormesby St. M.	Norfolk	Gt. Yarmouth W.W.	0 3	747	4 0	250
Burrator	South Devon . . .	F. Howarth, Esq.	0 3	21	6 0	450
Kennick	"	S. C. Chapman, Esq.	0 3	755	6 0	450
Revesby	Lincoln	T. Henry Tyson, Esq.	0 3	835	6 0	450
Southport	Cen. Lancashire .	J. Baxendell, Esq.	0 6	124	6 0	450
Ardley No. 1.	Yorkshire, W.R. .	C. C. Smith, Esq.	0 3	37	3 0	112
" No. 2.	"	"	0 3	395	6 0	450
Lower Laithe . .	"	M. R. Barnett, Esq.	0 3	326	6 0	450
Harrogate	"	A. S. West, Esq.	0 6	772	6 0	450
Talla Water . . .	Peebles	Mess. Leslie & Reid	0 3	589	6 0	450
Edinburgh	Midlothian	Pro. T. Hudson Beare	0 3	904	6 0	450
			0 3	227	6 0	200

1924.	Camden Square.	Otterbourne.	Petersfield.	Ormesby St. Michael.	Kennick.	Revesby.	Southport.
	in.	in.	in.	in.	in.	in.	in.
January	c .17	.04	.11	.05	.24	.07	c .04
February . . . . .	.28	.55	.39	.02	.56	.08	.24
March . . . . .	.73	1.38	1.10	.68	1.13	.72	.59
April	1.28	1.79	1.35	1.75	1.91	1.32	1.19
May	2.27	2.56	2.23	2.31	2.11	1.72	2.01
June	2.91	3.34	3.12	2.86	3.04	2.41	2.59
July	3.21	3.81	2.93	2.98	3.18	2.57	3.06
August	1.82	2.51	2.21	2.42	2.39	2.09	2.25
September	1.11	1.64	1.37	1.62	1.56	1.36	1.36
October . . . . .	.59	.76	.58	.87	.55	1.17	.66
November . . . . .	.33	.45	.38	.45	.45	.60	.13
December . . . . .	.11	.17	.20	.31	.13	.21	.27
Year	14.47	19.00	15.97	16.32	17.25	14.32	14.31
Average, 1908-1924	15.30	19.63	...	....	18.59	14.67	...
Difference	-.83	-.63	...	....	-1.34	-.35	...

1924.	Ardley No. 1.	Ardley No. 2.	Lower Laithe.	Harrogate.	Talla Water.	Edinburgh.	Mean of 12* Records.
	in.	in.	in.	in.	in.	in.	in.
January . . . . .	.13	.09	c .18	.24	.16	..	.06
February . . . . .	.55	.44	.31	.53	.27	} 1.24	.35
March . . . . .	.69	.60	.55	.62	.76		.80
April	1.55	1.44	1.27	1.78	1.30	} 7.41	1.49
May	2.02	1.79	1.35	2.30	1.71		2.03
June	2.89	2.77	2.52	3.25	2.42		2.85
July	2.84	2.70	2.44	3.01	1.85	} 1.42	2.88
August	2.19	2.03	1.76	2.30	1.30		2.11
September	1.80	1.58	1.20	2.06	1.38		1.50
October . . . . .	.73	.53	.30	1.15	.56	} 2.46	.70
November . . . . .	.35	.25	c .01	.57	.24		.35
December . . . . .	.26	.16	.03	.71	.40	.92	.25
Year	16.00	14.38	11.54	18.52	12.35	...	15.37
Average, 1908-1924	17.35	...	...	18.85	16.39	...	...
Difference	-1.35	...	...	-.33	-4.04	...	...

NOTE.—In the Table c indicates an excess of condensation over evaporation.

* Omitting incomplete record at Edinburgh.

TABLE XXVII.—Rainfall, Percolation and Calculated Evaporation in 1924.

(Unless otherwise stated the size of the gauges is 3ft. x 3ft. x 3ft.).

1924.	Compton, Sussex.		Grayshott, Hants.		Harrogate, Yorks.	
	Rainfall.	Percolation.	Rainfall.	Percolation.	Rainfall.	Percolation.
	in.	in.	in.	in.	in.	in.
January	3·86	4·34	3·21	3·83	2·11	2·26
February	·75	·26	·77	·67	·82	·05
March	2·09	·97	1·79	1·04	1·31	·55
April	3·41	1·15	3·84	2·23	1·86	·09
May	4·06	1·02	4·88	2·69	4·56	2·10
June	4·04	2·58	3·57	3·57	2·78	1·96
July	5·00	·06	4·34	·53	3·61	·13
August	3·50	·23	3·02	·95	3·12	·28
September	6·28	3·65	5·84	4·42	3·20	·74
October	5·17	4·38	4·59	4·30	3·55	2·02
November	2·70	2·08	3·40	3·27	2·37	1·49
December	5·48	5·40	5·68	5·99	3·29	1·53
Year	46·34	26·12	44·93	33·49	32·58	13·20
Calculated } Evaporation }	..	20·22	..	11·44	..	19·38

1924.	Rothamsted, Herts.				Craibstone, Aberdeen.			
	Rainfall.	Percolation.**			Rainfall.	Percolation. §		
		20 in. Soil.	40 in. Soil.	60 in. Soil.		1* 40 in. Soil.	2† 40 in. Soil.	3‡ 40 in. Soil.
	in.	in.	in.	in.	in.	in.	in.	in.
January	2·68	3·02	3·20	3·20	2·30	2·49	2·21	2·40
February	·61	·04	·10	·09	2·12	1·59	1·37	1·41
March	1·06	·38	·39	·36	1·37	1·22	1·40	2·21
April	2·97	1·36	1·32	1·28	1·83	·45	·34	·34
May	4·45	2·21	2·23	2·20	5·69	3·74	3·49	3·69
June	1·86	·67	·82	·73	1·99	·30	·19	·17
July	4·22	1·76	1·80	1·67	6·83	3·26	3·13	3·41
August	2·34	·08	·10	·06	2·40	·73	·62	·80
September	3·15	1·31	1·27	1·10	4·58	3·22	3·06	3·39
October	3·94	3·55	3·49	3·33	3·38	2·29	2·11	2·36
November	3·03	2·75	2·79	2·65	3·57	3·04	2·92	3·02
December	3·67	3·64	3·74	3·64	3·50	3·42	3·27	3·32
Year	33·98	20·77	21·25	20·31	39·56	25·75	24·11	26·52
Calculated } Evaporation }	..	13·21	12·73	13·67	..	13·81	15·45	13·04

* Unmanured. † Manured. ‡ Manured and limed. § The gauges were under pasture.
 ** Through bare soil.

Table XXVIII.—Evaporation at Camden Square, 1885–1924.

	Jan. in.	Feb. in.	Mar. in.	April. in.	May. in.	June. in.	July. in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	Total in.
1885 ..	·20	·38	·86	1·71	1·98	2·77	3·29	2·25	1·13	·77	·17	·11	15·62
1886 ..	·23	·13	·53	1·59	1·78	2·93	3·12	1·86	1·46	·63	·27	·12	14·65
1887 ..	c·07	·29	·76	1·72	1·79	3·68	3·76	2·54	1·25	·78	·21	·07	16·78
1888 ..	·07	·37	·48	1·16	2·71	2·24	1·44	1·90	1·17	·60	·43	·03	12·60
1889 ..	·03	·18	·62	1·07	1·76	2·97	2·34	1·96	1·52	·42	·29	c·13	13·03
1890 ..	·08	·19	·50	1·44	2·63	2·14	2·33	2·02	1·27	·79	·31	·04	13·74
1891 ..	·03	·16	·73	1·35	1·66	2·83	2·34	1·67	1·00	·62	·20	·22	12·81
1892 ..	·05	·09	·60	1·88	2·65	3·05	2·84	2·20	1·01	·36	·02	·20	14·95
1893 ..	c·03	·01	·92	2·33	3·06	3·62	3·12	2·85	1·48	·70	·11	·01	18·18
1894 ..	c·04	·28	·83	1·17	2·10	2·48	2·49	1·91	·97	·37	·20	·11	12·87
1895 ..	·14	·64	·36	1·26	3·06	3·31	3·07	2·12	1·27	·54	·19	·07	16·03
1896 ..	·16	·24	·64	1·57	3·06	3·21	3·63	1·96	·68	·47	·18	·00	15·80
1897 ..	·23	·21	·76	1·23	2·99	2·48	3·60	2·49	·99	·63	·26	c·14	15·73
1898 ..	·19	·37	·51	1·28	1·56	2·10	2·96	2·53	1·73	·45	·11	·16	13·95
1899 ..	·04	·28	·52	1·24	2·34	3·67	4·03	3·78	2·01	·45	·41	·11	18·88
1900 ..	·03	·16	·80	1·46	2·35	2·85	4·25	2·61	1·61	·89	·24	·15	17·40
1901 ..	·13	·24	·60	1·98	3·25	3·85	3·37	3·19	1·42	·64	·31	c·05	18·93
1902 ..	·16	·15	·71	1·75	1·78	2·33	3·30	1·71	1·47	·69	·28	·27	14·60
1903 ..	·26	·39	·97	1·57	2·24	2·79	3·35	2·53	1·51	·86	·29	·12	16·88
1904 ..	c·09	·26	·54	1·68	1·81	3·32	4·06	2·86	1·20	·50	·26	·02	16·42
1905 ..	·17	·35	·65	1·14	3·19	2·49	3·65	2·23	1·24	·78	·09	·16	16·14
1906 ..	·06	·21	·73	1·90	1·90	3·53	3·65	3·46	2·38	·78	·27	·16	19·03
1907 ..	·21	·38	1·02	1·27	1·93	2·47	2·65	2·24	1·72	·49	·27	·19	14·84
1908 ..	·05	·27	·56	1·32	2·23	3·77	2·75	2·47	1·25	·48	·29	·14	15·58
1909 ..	·14	·30	·30	1·85	2·93	1·70	2·60	2·23	·84	·76	·17	·16	13·98
1910 ..	·22	·17	·80	1·43	2·52	2·57	2·00	2·12	1·42	·76	·19	·10	14·30
1911 ..	·15	·32	·59	1·77	2·58	3·34	4·60	3·19	1·96	·64	·37	·02	19·53
1912 ..	·24	·16	·79	2·34	2·44	2·49	2·55	1·69	1·41	·39	·33	·12	14·95
1913 ..	·10	·32	·77	1·25	2·49	3·13	2·15	2·09	1·07	·61	·36	·32	14·66
1914 ..	·09	·24	·52	1·84	2·56	2·93	2·72	1·99	1·68	·70	·28	·05	15·60
1915 ..	·11	·13	·66	1·65	2·90	3·15	2·50	1·76	1·61	·56	·25	c·03	15·25
1916 ..	·19	·34	·30	1·61	2·32	2·20	2·23	2·34	1·20	·76	·34	c·04	13·79
1917 ..	·11	·17	·53	1·18	3·06	3·01	2·81	1·95	1·16	·75	·34	·12	15·19
1918 ..	·14	·27	·85	·89	2·38	3·01	2·59	2·04	1·69	·40	·24	·16	14·66
1919 ..	c·12	·13	·66	1·06	2·94	3·39	1·90	2·78	1·53	·61	·08	·06	15·02
1920 ..	·20	·24	·78	·85	2·71	2·85	2·09	2·00	1·04	·66	·04	·00	13·46
1921 ..	·20	·28	·96	1·91	3·04	3·66	4·17	2·56	1·72	·72	·19	·28	19·69
1922 ..	·16	·31	·96	1·20	2·93	3·36	2·09	1·74	1·11	·66	·27	·14	14·93
1923 ..	c·01	·16	·65	1·26	2·16	2·16	3·59	2·79	1·24	·73	·24	·02	14·99
1924 ..	c·17	·28	·73	1·28	2·27	2·91	3·21	1·82	1·11	·59	·33	·11	14·47
Average 1885-1919	·10	·25	·66	1·51	2·43	2·91	2·97	2·33	1·38	·62	·25	·09	15·50
Diff. 1924-	·27	+·03	+·07	-·23	-·16	0·0	+·24	-·51	-·27	-·03	+·08	+·02	-1·03

NOTE.—c indicates condensation.

METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION.

BRITISH RAINFALL, 1924.

PART III.

GENERAL TABLE

OF

TOTAL RAINFALL IN 1924

AT

STATIONS

IN

GREAT BRITAIN AND IRELAND

WITH THE NAMES OF

THE OBSERVERS

OR OTHER AUTHORITIES FOR THE OBSERVATIONS.

ISSUED BY THE AUTHORITY OF THE METEOROLOGICAL COMMITTEE.

GENERAL TABLE OF TOTAL RAINFALL IN 1924.

EXPLANATORY NOTE.

The Divisions of Great Britain in the General Table are the same as those adopted by the Registrars-General of England and Scotland.

The counties are divided up into numbered areas, corresponding to the river-basins. An account of these river-divisions for England and Wales was given in a special article in Part I of *British Rainfall, 1910* (pp. 37-66), and a similar article on the river-divisions of Scotland and Ireland appeared in Part I of *British Rainfall, 1911* (pp. 40-72), with detailed maps showing all the river-divisions in each Division. Reprints of these articles are available. The sequence of river divisions in Great Britain proceeds anti-clockwise from the Solway Firth. For example, in the West Riding of Yorkshire we have four divisions for rivers flowing to the Irish Sea, followed by eight divisions for rivers tributary to the Humber.

The stations in each river-division are arranged nearly in the order of their latitude from South to North. For convenience, the first name defining a station is that of a place which can be easily found on any large scale map; occasionally it is in an adjoining county. The second name is added to fix the site of observation more closely, *e.g.*, "Haslemere (Clammer Hill)" means Clammer Hill, near Haslemere.

In some cases the records have been received from a local rainfall organization. This has been indicated by a footnote.

In the column headed "Diameter," figures in old style type indicate the length of the sides of rectangular gauges.

The letter D signifies that daily observations have been received and are complete for the year; d, that less complete daily records have been received; w indicates that weekly readings have been received, and M that the gauge is read only once a month, usually on the 1st.

(R) denotes that the gauge is a mechanical one, the correct reading of which depends on the mechanism being in working order.

(A) denotes that the amount of rainfall is taken from the chart of an autographic instrument.

(+A) denotes that the amount of rainfall is taken from an ordinary gauge and that an autographic instrument is also in use.

Where two or more gauges are maintained at the same station the comparison of the records is seldom of general interest. The rule has now been adopted that in such cases only one record will be published in *British Rainfall*. The use of mechanical gauges for measuring the total rainfall is not recommended by the Meteorological Office, and the number of records marked (R) or (A) is therefore small.

Gauges which have been recently inspected and found to be over-exposed on moorland have been so marked. It is likely that there are other gauges (notably some of those at lighthouses) which are also over-exposed.

The total rainfall is printed in ordinary roman type under the heading of the unit in which the readings were made, *i.e.*, in inches or millimetres. The total as converted from inches to millimetres, or from millimetres to inches, is printed in old style type. If the record was taken during part of the year in inches and part in millimetres, the figures in both columns are printed in old style type, and in the few instances in which the readings have been made in *both* units throughout both columns are printed in roman type.

A few entries of total rain will be found in italics—indicating that the values have been corrected, *e.g.*, when snow has been lost, when the amount for a short period has been computed from other records, or when the gauge has been moved a short distance during the year. A record is not as a rule printed if the gauge has been moved more than a mile, or if there is a greater difference than 50 ft. of altitude between the two positions.

A note of interrogation (?) implies doubt, not necessarily error. The absence of information is indicated by ..

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Cambridge	159	Kent	143	Somerset	172
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Cumberland	201	Lincoln	182	Surrey	139
Derby	184	London	138	Sussex	146
Devon	167	Middlesex	153	Warwick	180
Dorset	166	Monmouth	204	Westmorland	202
Durham	200	Norfolk	163	Wiltshire	165
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ENGLAND AND WALES.

DIVISION I.—LONDON. (Area, 117 sq. mi.)

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
1.—THAMES.—Right Bank Tributaries. 67 sq. mi.					in.	ft. in.	ft.	mm.	in.
BERMONDSEY.									
LAMBETH.									
D Brixton Hill Reservoir	.....Met. Water Board.....	5	1	1	121	756	29·76	192	136
BATTERSEA.									
D Battersea Water Works	.....Mr. F. J. Goldsworthy ...	5	3	6	6	746	29·38	169	138
WANDSWORTH.									
D Streatham (Conyers Road)	.....Met. Water Board.....	5	1	6	119	786	30·95	186	132
D Streatham Park (Pendle Road)	F. W. Snell, Esq.	8	1	0	125	775	30·53	189	127
D Streatham Hill Reservoir	.....Met. Water Board.....	5	3	2	205	779	30·65	186	135
D Putney Heath Reservoir	.....Met. Water Board.....	5	1	6	180	758	29·85	187	135
D Balham High Road	.....(+A)E. J. Elford, Esq., C.E. ..	5	1	6	89	825	32·46	195	136
D Wandsworth C. (Loxley Rd.)	F. J. Brodie, Esq.	8	1	0	105	848	33·37	197	140
D Southfields (Coronation Gds)	(+A)E. J. Elford, Esq., C.E....	5	1	6	37	776	30·56	191	126
D Southfields (Wincanton Rd.)	A. T. Bench, Esq.	5	1	2	50	809	31·83	191	137
D Larkhall Rise	.....Guy M. Quiller, Esq.	5	1	1	55	752	29·61	180	136
D Clapham Com. (Bromfelde Rd.)	H. N. Prentice, Esq.....	5	1	2	46	706	27·78	173	133
CAMBERWELL.									
d Sydenham Hill (The Chestnuts)	E. H. Goad, Esq.....	5	0	9	315	766	30·17	..	124
D Nunhead (Southwark W.W.)	.....Met. Water Board.....	5	1	0	175	708	27·89	172	127
DEPTFORD.									
D Water Works	.....Met. Water Board.....	5	1	0	20	727	28·61	170	127
GREENWICH.									
d Deptford Pumping Station	..London County Council ..	8	4	0	18	684	26·93	..	124
D Royal Observatory	.....Sir F. W. Dyson, F.R.S. ..	8	0	5	149	779	30·66	180	132
D Westcombe Park Road	.....Rev. T. R. Price	8	1	3	154	806	31·72	192	133
LEWISHAM.									
D Grove Park (The Avenue)	.....A. Malden, Esq.	5	1	6	180	754	29·68	179	129
D Forest Hill Reservoir	.....Met. Water Board.....	5	1	3	337	795	31·29	176	139
D Clarendon Road	.....G. E. Dacey, Esq.	5	1	0	98	791	31·14	194	136
WOOLWICH.									
d Eltham (High Street)	.....Met. Water Board.....	5	1	0	245	733	28·87	..	121
2.—THAMES—Left Bank Tributaries. 50 sq. mi.									
KENSINGTON.									
D Harley Gardens	.....Mrs. Hamlyn Price	5	1	5	29	767	30·21	193	134
D Victoria & Albert Museum	.....The Director	8	0	6	27	782	30·77	197	136
D Holland House	.....Mr. P. B. Rintoul.....	5	4	6	69	758	29·86	175	134
D Cam House	.....Rt. Hon. Lord Phillimore	5	3	0	100	780	30·71	168	129
d Campden Hill	.....Met. Water Board.....	8	1	0	142	789	31·08	..	..
D Kensington Palace	.....(+A)The Meteorological Office..	8	1	0	80	810	31·89	194	143
HAMMERSMITH.									
FULHAM.									
D Hammersmith Cemetery	.....Mr. R. J. Brown.....	5	1	0	17	811	31·94	183	141
CHELSEA.									
D Physic Garden	.....W. Hales, Esq.	5	1	0	20	747	29·43	181	133
D Oakley Street	.....A. Hampton Brown, Esq..	5	1	0	25	733	28·84	194	134
D St. Luke's Gardens	.....W. R. Manning, Esq., C.E.	5	1	0	25	749	29·50	180	135

DIVISION I.—LONDON—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.		1924				
2.—THAMES—Left Bank Tributaries—(con.).		in.	ft.	in.	ft.	mm.	in.			
WESTMINSTER.										
d	Western Pumping Station....	London County Council ...	8	1	0	19	719	28·30	..	128
d	King's Scholar's Pond	London County Council ..	8	11	6	31	717	28·23	182	136
d	Buckingham Palace.....	Mr. W. Osborne.....	5	8	0	35	785	30·91	173	134
d	Kensington Gardens	(+A)Prof. S. M. Dixon	5	1	0	78	759	29·87	166	131
d	St. James's Park	(+A)The Meteorological Office..	8	1	0	27	758	29·84	166	134
d	Spring Gardens	London County Council ..	8	6	0	35	761	29·97	184	138
ST. MARYLEBONE.										
d	Royal Botanic Gardens.....	J. L. North, Esq.....	8	1	0	130	828	32·59	188	145
HAMPSTEAD.										
d	Barrow Hill Reservoir	Met. Water Board.....	5	1	0	175	818	32·20	181	145
d	Kidderpore Reservoir	Met. Water Board	5	1	0	322	907	35·71	165	137
d	Observatory	E. L. Hawke, Esq.	8	1	0	451	976	38·44	189	147
ST. PANCRAS.										
d	Camden Square	(+A)Royal Meteorological Soc.	8	1	0	111	840	33·08	188	134
d	Camden Square	SnowdonRoyal Meteorological Soc.	5	1	0	111	839	33·04	187	134
m	Camden Square	Royal Meteorological Soc.	5	1	0	111	841	33·10	..	..
STOKE NEWINGTON.										
d	New River Filter Beds.....	Met. Water Board.....	5	1	3	101	802	31·58	170	132
d	New River Reservoirs	Met. Water Board.....	5	1	0	105	805	31·70	170	132
HACKNEY.										
d	Clapton Pond	(+A)Norman Scorgie, Esq., C.E.	5	1	0	69	772	30·38	168	129
HOLBORN.										
FINSBURY.										
d	New River Head.....	Met. Water Board	8	2	6	95	742	29·21	182	129
CITY OF LONDON.										
d	Guildhall	E. E. Finch, Esq., C.E. ...	8	51	6	99	740	29·15	..	..
BETHNAL GREEN.										
POPLAR.										
d	Old Ford Pumping Station...	Met. Water Board.....	8	0	9	19	760	29·93	174	131
d	Old Ford (Penstock House)(+A)	London County Council..	8	1	0	43	771	30·34	171	130
WOOLWICH.										
d	N. Woolwich Pumping Stn.(+A)	London County Council ..	8	0	9	12	722	28·43	..	124
d	Barking Outfall	London County Council ..	8	0	9	9	697	27·46	182	122

DIVISION II.—SOUTH-EASTERN COUNTIES.

SURREY. (Area, 725 sq. mi.).

1.—ARUN. 45 sq. mi.

Haslemere (Hill Farm)	J. King, Esq. ....	..	..	423	1193	46·95	..	..
Haslemere (Clammer Hill)	Mrs. Glennie	5	1	6	400	1142	44·96	188	153
D Chiddingfold (Stonehurst)	H St. John H. Basball, Esq.	5	1	1	200	1095	43·09	179	138
Chiddingfold (Little Croft)	S. C. Halaban, Esq.* ....	..	..	..	1084	42·67	208	..	..
D Hambledon (Rossall)	L. R. Furneaux, Esq.	5	1	0	250	1070	42·13	226	156
Holmbury St. Mary (Joldwynds) J.	Barber, Esq.†	5	1	0	530	1080	42·51	..	..

2.—MEDWAY. 50 sq. mi.

d East Grinstead (Lockeridge)...	Lt. Col. J. F. Forbes.....	5	1	0	320	1052	41·42	189	157
d Dormans Park (Chartham Park)	I. D. Margary, Esq.	5	1	0	270	985	38·78	197	147
d Dormans Park (Hill Crest)	Mrs. H. R. Mill	5	1	0	320	999	39·33	201	147

* Per "Surrey Advertiser."

† Per Croydon Natural History and Scientific Society.

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SURREY—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—MEDWAY—(con.).									
D Lingfield (Felcourt)	R. McAlpine, Esq.	5	1	3	225	1044	41·11	191	153
S. Godstone (Hartsridge)	Mr. F. E. Goad	5	0	10	450	955	37·62	186	155
D Oxted (Stone Hall)	W. P. Metcalfe, Esq.	5	1	5	320	1007	39·64	194	164
Oxted (West Heath)	Norman W. Grieve, Esq.	8	1	2	500	1043	41·07	196	164
Limpsfield (Ballards Shaw)	Miss D. F. Jackson*	5	1	1	500	1095	43·09	193	164
3.—THAMES—Darent. 22 sq. mi.									
Chelsham (Ledgers)	Mrs. H. Daniell	5	1	5	620	1029	40·50	..	..
D Farleigh (Croydon Ment. Hosp.)	Croydon Corporation	8	1	0	600	1074	42·29	179	154
Chelsham (Fairchildes)	A. S. Daniell, Esq.	8	1	0	600	1121	44·12	..	..
D Addington (Hares Bnk Pmp Sta)	Croydon Corporation	8	1	0	331	1006	39·59	207	156
D Addington Hills Reservoir	Croydon Corporation	8	1	0	473	940	37·00	188	150
D Norwood (Auckland Road)	Miss J. Cooper	5	1	5	230	737	29·02	165	127
D Penge Recreation Ground	Lt.-Col. H. W. Longdin	5	1	1	122	777	30·59	170	137
4.—THAMES—Wandle. 71 sq. mi.									
D Kingswood (Margery Hall Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	691	910	35·84	183	150
M Woldingham Reservoir	W. Vaux Graham, Esq., C.E.	5	1	6	851	1044	41·11	..	..
D Woldingham (The Moorlands)	B. W. Anderson, Esq.	5	1	0	750	1046	41·17	184	156
D Caterham Reservoir	A. E. Cornwall-Walker, Esq.	5	1	2	717	1059	41·70	213	161
Caterham Valley (Croydon Rd.)	A. M. Norfolk, Esq.	5	1	0	430	1025	40·35	183	156
D Chipstead (Eyhurst)	D. Morphew, Esq.	5	1	0	538	1028	40·46	210	155
D Caterham Mental Hospital	J. Leslie Gordon, Esq. M.D.	5	1	6	600	1051	41·38	184	144
D Tadworth (Glade House)	W. J. Saunders, Esq.	5	1	6	545	946	37·23	183	147
D Chelsham & Woldingham W.W.	W. Vaux Graham, Esq., C.E.	5	1	0	479	1074	42·28	179	154
Warlingham (Council School)	R. W. Peacock, Esq.	5	1	0	600	1127	44·35	196	164
D Caterham Valley Depot	A. E. Cornwall-Walker, Esq.	5	1	6	431	1067	41·99	212	164
D Banstead (Burgh Heath)	Capt. E. R. Taylor	5	1	0	571	983	38·70	187	154
D Banstead (Burgh Heath Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	570	949	37·37	180	156
D Chipstead (How Green Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	528	1012	39·86	174	147
D Kenley Pumping Station	A. E. Cornwall-Walker, Esq.	5	1	6	275	959	37·75	204	155
D Banstead Mental Hospital	S. J. Wray, Esq.	5	3	9	425	938	36·94	197	164
D Purley (Oakwood Avenue)	E. W. Finch, Esq.	5	1	0	380	908	35·75	198	147
D Purley (Downscourt Rd.)	J. Edmund Clark, Esq.	5	1	0	360	940	37·02	196	143
D Purley (Pumping Station)	A. E. Cornwall-Walker, Esq.	5	1	3	225	962	37·89	203	156
D Purley (Foxley Lane)	C. F. Bull, Esq.	5	..	..	320	880	34·65	183	135
D Sanderstead (Heathurst Rd.)	E. Alexander, Esq.	5	1	0	335	930	36·62	191	140
D Croydon Aerodrome	(+▲) The Meteorological Office	8	1	0	245	882	34·74	190	136
D South Croydon (Avondale Rd.)	Mrs. Macdonald Davies	5	1	0	195	925	36·40	185	143
D Wallington (Alcester Road)	F. C. Bayard, Esq.	5	4	0	144	854	33·63	192	146
D Wallington (Alcester Road)	F. C. Bayard, Esq.	8	1	0	141	813	32·02	186	140
D Carshalton (Sewage Works)	W. Willis Gale, Esq., C.E.	5	1	0	118	866	34·11	173	139
D Beddington (Sewage Farm)	Croydon Corporation	5	1	0	129	743	29·27	174	130
D Croydon (Waddon New Road)	Croydon Corporation	5	1	0	146	793	31·23	182	140
D Croydon (Northampton Road)	Mrs. Higgins	5	1	0	210	857	33·72	171	147
Beddington Cor. (Millgreen Rd.)	Mrs. Miller*	5	5	0	77	827	32·56	169	138
Mitcham (Brook Cottage)	A. Mizen, Esq.*	5	1	0	100	774	30·48	..	..
D Wimbledon (Trinity Road)	P. J. Bevan, Esq., C.E.	5	1	0	53	807	31·79	177	132
D Wimbledon (Compton Road)	G. H. Cheesman, Esq.	5	1	6	84	788	31·04	172	136
5.—THAMES—Mole & c. 229 sq. mi.									
Lowfield Hth (Huntsgreen House)	Miss L. Robinson	5	0	7	204	1166	45·91	..	160
Horley (Smallfield)	W. W. Hughes D'Aeth, Esq.*	5	1	0	215	980	38·58	198	152
D Outwood (The Orchards)	H. Gurney, Esq.	5	1	0	280	924	36·39	202	156
D Dorking (Bramerton)	Rev. Jas. F. Twist	5	1	0	300	1040	40·95	204	150
D Dorking (Denbies)	Mr. J. Ansell	5	0	6	610	1113	43·81	202	149
D Brockham (North Lodge)	H. R. Kempe, Esq., C.E.	8	0	9	160	957	37·66	190	143

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		Diam.	Height Ground	above Sea Level.		1924			
SURREY—(con.).		in.	ft.	in.	ft.	mm.	in.		
5.—THAMES—Mole & c.—(con.).									
d Betchworth (Snow Hill)	T. Du Buisson, Esq.	8	0	11	250	977	38·48	194	145
d Reigate (Hartwood)	R. W. Clutton, Esq.	5	1	0	174	931	36·67	189	145
South Nutfield (Hale Edge)	R. C. Grant, Esq.	5	1	0	250	924	36·39	189	154
d Earlswood (Sewage Farm)	F. T. Clayton, Esq., C.E.	5	1	6	196	917	36·12	156	144
d Redhill (Station Road)	W. H. Fowler, Esq.	5	18	0	270	953	37·54	185	148
d Redhill (Warwick Road)	A.E.Cornwall-Walker, Esq.	5	1	6	284	981	38·63	198	149
d Reigate (The Knowle)	G. Weston, Esq.	5	1	0	390	931	36·66	194	147
d Reigate (Beaufort Road)	Herbert Crossfield, Esq.	5	0	4	242	936	36·84	193	149
d Reigate (Wray Park Road)	W. J. MacAndrew, Esq.	5	1	3	330	992	39·04	189	149
d Reigate (Castle Grounds)	F. T. Clayton, Esq., C.E.	5	1	6	350	984	38·75	217	146
d Reigate (Thurso)	F. S. Smith, Esq.	8	1	0	290	922	36·31	170	144
Reigate (Northcote)	Mr. A. R. Bashford	5	0	8	364	975	38·40	178	152
d Reigate (Courleigh)	T. S. Marriage, Esq.	5	0	9	400	852	33·54	175	138
d Nutfield Priory	J. Moffatt, Esq.	8	1	2	331	960	37·79	213	157
Bletchingley (South Park Fm.)	Uvedale Lambert, Esq.	5	0	4	340	924	36·39	170	146
Mickleham (Juniper Hall)	Miss B. V. MacAndrew	5	1	0	183	954	37·57
d Little Bookham (Longheath)	C. W. Darley, Esq.	5	2	6	180	967	38·09	211	156
d Headley Rectory	Rev. T. E. R. Phillips	5	1	0	670	1025	40·34	207	147
Headley (The Hurst)	Mrs. Lyall	5	1	3	420	967	38·07	173	139
d Walton (Walton Manor)	Mr. J. Millichamp	5	1	0	600	964	37·97	195	152
Ashted (The Hut)	Mrs. Maples*	5	0	5	200	889	35·02	186	139
Banstead (The Hall)	Mrs. Maitland*	8	1	0	480	1038	40·85	174	144
d Epsom (Hylands Road)	F. Holroyd, Esq.	5	1	0	225	921	36·25	191	142
d Epsom (Sewage Farm)	E. R. Capon, Esq. C.E.	8	1	0	121	794	31·26	179	139
d Whiteley Village (Fox Oak)	H. E. Cooke, Esq.	8	3	4	195	781	30·75	187	134
d Cobham (Sandroyd Sch.)	C. St. John Shortt, Esq.	5	1	1	100	844	33·24
d Cobham (Fairmile Hatch)	Mrs. G. H. Trollope	5	1	0	200	906	35·68
d Weybridge (Gower Road)	Miss J. A. Sanger	5	0	7	117	866	34·09	186	149
d Sutton (Camborne Road)	F. E. Wright, Esq.	5	1	0	250	911	35·85	189	149
Claygate (Hertslets)	N. C. Armitage, Esq.*	5	1	0	106	788	31·01	199	144
Esher (Sewage Works)	H. C. Fread, Esq.*	5	1	0	32	699	27·54	172	135
d Sutton (Water Works)	W. Vaux Graham, Esq. C.E.	5	1	6	166	842	33·15	170	139
d Sutton (Sewage Works)	W. H. Grieves, Esq., C.E.	8	1	0	94	940	37·02	168	146
d Surbiton (Worthington Road)	W. Stephens, Esq.	5	1	0	82	914	35·98	194	156
d Surbiton (Seething Wells)	Met. Water Board	5	0	10	34	792	31·18	176	138
d West Molesey (Walton Works)	Met. Water Board	5	0	6	35	770	30·32	168	138
d New Malden (Sewage Works)	R. H. Jeffes, Esq.	5	1	6	48	738	29·07	167	138
d Kingston (County Hall)	H. Wilson, Esq.	5	0	9	31	820	32·27	190	149
d Kingston Sewage Works	P. G. Lloyd, Esq.	8	2	0	25	840	33·06	177	129
d Raynes Pk (Cottenham Pk P.S.)	J. Bowen Esq., C.E.	5	1	2	50	797	31·37	175	131
d Wimbledon (The Downs)	Sir Francis Fox	5	1	0	162	816	32·14	195	138
d Richmond (The Terrace)	J. H. Brierley, Esq.	8	1	0	109	839	33·05	178	141
d Richmond (Kew Observatory) (+A)	The Meteorological Office	8	1	0	18	785	30·91	177	130
d Kew (Royal Botanic Gardens)	Dr. Arthur Hill, F.R.S.	8	0	9	..	757	29·82
d Barnes (Barn Elms)	Met. Water Board	5	1	0	..	783	30·84	178	140
6.—THAMES—Wey. 236 sq. mi.									
d Haslemere (U.D.C. Depot)	A. G. Whitcher, Esq.	5	1	0	475	1164	45·81	183	156
d Haslemere (Frensham Hall Gdns.)	H. Windibank, Esq.	5	2	0	550	1187	46·72	200	165
Haslemere (Frensham Hall Farm)	H. Windibank, Esq.	5	2	0	600	1123	44·21	187	146
d Haslemere (Hazelhurst)	Mrs. T. P. Newman	5	1	0	550	1258	49·51	195	170
d Haslemere (Ridgeways)	C. O. Trew, Esq.	5	1	0	815	1109	43·65	185	159
d Haslemere (Furnace Place)	F. J. Barlow, Esq.	1171	46·09	180	152
d Oakwood Hill (Honeywood Ho)	The Lady Tredegar	5	1	0	280	993	39·09	207	153
d Witley (King Edward's School)	J. Wood, Esq.	5	1	3	330	1058	41·64	187	153
d Witley (Great Roke)	C. W. Dixon, Esq.	5	5	6	300	1029	40·53	178	140
d Witley (Enton Hall)	Major Spencer F. Chichester	5	2	0	350	1145	45·07	236	162

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		Diam.	Height Ground	above Sea Level.			
SURREY—(con.).		in.	ft. in.	ft.	mm.	in.	
6.—THAMES—Wey.—(con.).							
d Churt (Bron-y-dé)	Rt. Hon. David Lloyd George ..	5	1 6	390	982	38·67	179 155
d Churt (Furze Hills)	Rev. C. G. O. Bond	5	1 0	390	1020	40·14	195 156
d Hascombe Place	C. T. Musgrave, Esq.	5	1 0	390	1095	43·12	188 149
d Cranleigh (Homefield Cottage) ..	W. S. Sarel, Esq. C.B.	5	1 9	182	966	38·03	200 144
d Cranleigh (Ruffold Lodge)	Dr. Blakeman†	5	1 0	182	914	35·99
d Cranleigh School	Major C. Crowhurst	8	1 6	210	993	39·08
Thursley (C.E. School)	H. Swallow, Esq.	5	1 0	300	991	39·01
d Ewhurst (Coneyhurst)	Mr. J. Russell	8	1 0	581	1107	43·58	208 153
d Ewhurst (Copse Hill)	H. Smith, Esq.	5	1 6	600	1060	41·75	203 158
d Ewhurst (The Four Winds)	Miss E. Brooke	5	1 0	809	1098	43·24	186 152
d Ewhurst (Woolpits)	Mr. W. Harrison	8	1 6	600	1066	41·96
d Godalming (Milford C.E. School) ..	A. E. Cooper, Esq.	5	1 1	100	1021	40·20
d Godalming (Munstead Heath)	A. M. P. Hodsole, Esq.	8	2 10	450	939	36·95	192 138
d Godalming (Greylees)	Mr. H. Isked†	919	36·16	186 ..
d Godalming (Westbrook)	T. Turner, Esq.†	946	37·26
d Godalming (Charterhouse)	O. H. Latter, Esq.	5	1 0	130	894	35·21	184 145
d Shackleford (Hall Place)	Mr. E. Nash	8	1 2	200	845	33·28	.. 139
d Peaslake (Dewdney)	Sir F. G. Ogilvie, C.B.	5	1 0	532	1100	43·32	211 148
d Bramley (The Limes)	Rev. C. J. Etty	5	1 0	136	1023	40·28	185 163
d Compton (Sandy Knowe Gdns)	Mrs. Houghton	867	34·15
d Shere (Manor House)	R. A. Bray, Esq.	5	1 0	330	1007	39·63	208 151
d Shere (The Rectory)	Rev. Sir P. M. Bowman, Bt. ..	5	1 0	255	1020	40·14	184 144
d Albury (Dalton Hill Gardens)	Mr. J. Tidy†	967	38·05
d Gomshall (Hazelhatch)	Hon. Margaret Wyndham ..	5	1 0	377	1023	40·29	185 146
d Abinger Hall	Lord Farrer*	8	2 0	320	1207	47·52	203 162
d Farnham (Crooksbury Ridges)	F. R. Walters, Esq., M.D. ..	5	1 4	440	938	36·93	209 148
d Farnham (Short Heath Lodge)	Col. G. Chrystie	5	1 0	365	937	36·88	197 145
d Farnham (Bourne Corner)	Miss I. M. Deedes	5	1 6	365	962	37·87	194 151
d Puttenham (Berthorpe)	Capt. E. H. Tuckwell	5	1 0	350	900	35·43	180 141
d Guildford (Pilgrim Wood)	H. A. Powell, Esq., M.D. ..	5	1 0	330	887	34·90	168 139
d Guildford (Briarfield)	Miss M. E. Swaine	5	2 3	300	887	34·93	182 139
d Guildford (West Mount)	C. M. Powell, Esq.	5	1 0	200	880	34·64	189 138
d Guildford (Roy. Gram. School)	H. N. Weller, Esq.	5	1 0	150	868	34·16
d Guildford (Cross Lanes)	F. F. Smallpeice, Esq.	5	0 8	200	891	35·10	188 140
d Guildford (Abbotswood)	Elliott Kitchener, Esq.	150	984	38·74
d E. Horsley (Rowbarns Grange)	D. W. Sissons, Esq.	5	1 7	335	1090	42·92	186 153
d Worplesdon (Perry Hill Farm)	Miss R. Claydon†	5	1 0	..	868	34·17
d Worplesdon (Openwood)	D. H. Welch, Esq.	5	0 8	150	852	33·54	155 135
d Worplesdon (Golf Club)	H. Croxall, Esq.	5	1 6	168	818	32·19	152 144
Send (Sendholme)	A. H. Lancaster, Esq.†	832	32·77
d Ripley (Ripley Court)	Mrs. Pearce	5	1 5	86	849	33·41	169 148
d Mayford (Stony Yarrows)	late A. R. Ricardo, Esq.	5	1 6	140	825	32·46	162 135
d Woking (The Grange)	Rev. F. Wilson	5	0 8	78	907	35·70	200 ..
d Woking (Hook Heath)	W. S. Patterson, Esq.	5	1 0	160	831	32·73	163 136
d Woking (Northwood)	G. E. T. Hamilton, Esq.	5	1 4	114	806	31·73
d Woking (The Green)	Mrs. Howlett	5	0 9	122	866	34·10	176 144
d Woking (Saunders Lane)	Mr. W. Buck†	979	38·56
d Horsell (The Vicarage)	Rev. Canon Norman Pares ..	5	1 9	140	828	32·61	181 150
d Horsell (Inglewood)	Vernon B. Longhurst, Esq. ..	5	1 0	115	863	33·96	190 149
d Wisley (R.H.S. Gardens)	W. D. Cartwright, Esq.	8	1 0	150	915	36·02	196 139
d Byfleet (West Hall Gardens)	Mr. G. Carpenter	5	1 0	61	853	33·59	.. 140
d West Byfleet (Kilmeena)	F. Littleboy, Esq.	5	1 0	100	836	32·92	170 140
d West Byfleet (Starcross)	Walter W. Way, Esq.	5	1 0	110	860	33·87	178 143
d West Byfleet (U.D.C. Depot)	Capt. Beene†	917	36·11
d Weybridge (St. George's Hill)	H. I. Bond, Esq.	5	0 8	115	758	29·85	190 142
d Weybridge (Heath Field)	Miss A. T. Gardiner	5	1 0	100	782	30·78	170 139
d Weybridge (West Oaks)	A. Whittet, Esq.	5	1 0	36	751	29·57	194 133

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DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

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		Diam.	Height Ground	above Sea Level.	1924				
SURREY—(con.).		in.	ft.	in.	ft.	mm.	in.		
7.—THAMES—Bourne. 55 sq. mi.									
d Knap Hill (Ulundi).....	G. C. H. Simmonds, Esq....	5	1	0	181	856	33·69	155	135
d Knap Hill (Lynbrook).....	Charles Wigan, Esq.	5	2	6	200	843	33·21	192	141
d Knap Hill (High Street).....	W. H. Cullis, Esq.....	5	1	0	198	836	32·90	154	129
d Chobham (Sandpit Hall).....	K. A. H. Power, Esq.	5	1	0	100	839	33·04	177	188
d Chobham (The Manor House) ..	F. A. Walter, Esq.	5	1	0	150	928	36·53	196	149
d Windlesham (Windlesham Ho.)	Miss G. Cochrane	5	0	9	175	947	37·28	188	142
d Chertsey (Ottershaw).....	Mrs. R. H. Otter	5	1	0	200	900	35·42	205	150
d Chertsey (Botleys Park).....	Mr. H. Whitmarsh	5	1	5	111	881	34·68	181	147
d Upper Childdown (Long Cross Ho.)	Miss C. M. Leicester-Penrhyn	5	1	0	200	921	36·27	206	149
d Virginia Water (S. Ann's Heath)	Rev. J. Peck	8	1	1	120	854	33·61	191	141
d Englefield Green (Queenswood)	S. J. Rigden, Esq.....	8	1	0	200	919	36·18	190	142
d Staines (St. Ann's Cottage)...	Miss D. M. Gundry	5	1	0	52	840	33·08	181	140
8.—THAMES—Loddon. 17 sq. mi.									
d Frimley Green (Corry Hill) ..	Miss D. E. Bailey	5	1	0	285	839	33·04	..	131
d Frimley Green Waterworks ...	S. G. Weller, Esq.....	5	2	6	220	758	29·83*	166	127
d Frimley Green (Ridgemount)...	C. C. Haviland, Esq.	5	0	9	350	922	36·30	225	151
d Camberley (Way's End).....	E. Ernest Green, Esq.	5	0	11	295	868	34·19	180	145
d Camberley (Cordwallies).....	C. H. Ledward, Esq.	5	1	0	400	887	34·90	183	139
KENT. (Area, 1532 sq. mi.)									
1.—ROTHER & C. 217 sq. mi.									
d Dungeness	The Meteorological Office..	8	1	3	22	738	29·04	182	130
d Lydd (The Paddock).....	Dr. J. A. Proctor.....	5	4	6	10	830	32·66	179	134
d Lydd (Westbroke House).....	A. Finn, Esq.	5	1	0	10	831	32·73	..	..
d Brookland (Thrift Farm).....	C. Clark, Esq.	12	3	0	11	838	32·98	167	134
d Dymchurch (Hoornes).....	Mrs. Paddock.....	5	1	0	9	694	27·32	164	132
d Snave (Poplar House).....	T. K. Tickner, Esq.	8	2	3	10	745	29·31	161	138
d Appledore (The Well House) ..	Dr. F. W. Cock	5	1	2	23	848	33·37	165	141
d Hawkhurst (Hensill).....	Major F. Ross Thomson...	5	3	0	180	929	36·59	161	128
d Kenardington (The Firs).....	Francis H. Lyon, Esq.....	5	1	2	65	756	29·75	187	135
d Tenterden (Ashenden).....	Major Herbert Neve	5	1	0	190	938	36·94	175	139
d Tenterden (View Tower).....	J. Ellis Mace, Esq.	8	1	5	190	922	36·30	..	..
d Tenterden (View Tow.) <i>Snowdn</i>	J. Ellis Mace, Esq.	8	1	5	190	912	35·91	192	137
d Tenterden (Dovenden).....	Mrs. Paure	8	1	5	200	913	35·95	180	142
d Benenden (National Sanat'm)...	H. Spurrier, Esq., M.B. ...	5	1	0	180	904	35·58	188	144
d Biddenden (Sandpit Wood)...	J. Ellis Mace, Esq.	5	1	0	218	865	34·07	..	..
d Hythe	W. F. Bickford, Esq., C.E. .	5	1	0	12	784	30·86	189	139
d Hythe (Sandling Park).....	Rt. Hon. L. Hardy, M.P. ...	8	1	0	260	900	35·43	178	157
d Sandgate	C. Law Green, Esq., C.E. ...	5	4	0	60	789	31·07	183	135
d Folkestone (Borough Sanat'm)...	A. E. Nichols, Esq., C.E. .	5	1	0	101	775	30·50	166	123
d Folkestone (Cheriton Road)...	B. J. Duncan Walker, Esq. .	5	1	0	160	817	32·15	182	132
d Folkestone (Cherry Gardens)...	H. T. Turner, Esq., C.E. ...	5	1	6	230	878	34·56	188	141
d Capel (Lower Standen).....	H. T. Turner, Esq., C.E. ...	5	2	11	250	771	30·35	..	..
d Dover (Waterloo Crescent)...	Borough Surveyor	8	1	0	22	784	30·86	170	125
d Dover (Water Works).....	W. B. Smith, Esq., C.E. ...	5	1	6	200	870	34·25	169	139
d Dover (Buckland).....	Guy Mannering, Esq.....	8	1	6	50	918	36·14	182	145
d Kearsney (Chilton Farm).....	W. B. Smith, Esq., C.E. ...	5	1	6	127	1069	42·09	175	158
2.—STOUR & C. 388 sq. mi.									
d Lympne Aerodrome	(+A) The Meteorological Office..	8	1	0	348	872	34·35	193	144
d Sellingle (Council School).....	S. H. Serpell, Esq.	5	1	0	200	934	36·78	181	150
d Lyminge (Elham Valley W.W.)...	Phillip Harris, Esq.	5	1	6	445	932	36·69	204	160
d Ashford	B. H. Headley, Esq.	5	1	0	190	896	35·29	198	151
d Ashford (Albert Road).....	A. E. Brounger, Esq.	5	1	0	185	870	34·24	196	149
d Dover (Martin Mill Pump Stat.)...	F. L. Ball, Esq.	5	11	0	298	742	29·20	191	134
d Waldershare Rectory	Rev. H. Saumarez Smith..	5	1	0	275	947	37·30	213	144
d Shepherdswell (Upton Lodge)...	Rutley Mowll, Esq.....	5	..	..	300	1005	39·56	192	144
d Shepherdswell (Montbeliard)...	F. H. Bernard, Esq.	5	1	0	285	908	35·74	181	141
d Palmstead (Abbotsford).....	H. S. Stevens, Esq.....	5	1	0	440	985	38·76	188	152

* Exposure not orthodox.

DIVISION II.—SOUTH-EASTERN COUNTIES.—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
KENT—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—STOUR & C.—(con.).									
D Boughton Aluph (Fairlawn).....	E. Simmons, Esq.....	5	1	3	220	833	32·79	186	147
D Charing Pumping Station.....	F. L. Ball, Esq.....	5	1	0	295	973	38·31	208	155
M Deal and Walmer W.W.	A. Mantle, Esq.	12	1	0	110	820	32·30	..	..
D Deal and Walmer W.W.	A. Mantle, Esq.	5	1	0	110	825	32·46	183	131
D Deal (Wellington Road)	R. J. Doyle Pargeter, Esq.	5	1	0	25	778	30·63	..	127
D Deal (Wellington Road).....	Mrs. J. T. Miller	5	1	0	24	800	31·49	193	139
D Great Mongeham Rectory.....	Rev. W. H. Rammell	5	1	8	100	772	30·40	..	124
D Sandwich (Upton House, Word).....	Capt. W. Elwin Napier ..	5	1	0	32	786	30·94	185	130
D Chilham (Lower Ensden)	F. Ivo Neame, Esq.	5	3	0	305	882	34·71	..	..
D Wingham (Margate W.W.)	Mr. W. R. Hosking	5	1	0	138	777	30·61	160	136
D Canterbury (Medical Hall)	A. Lander, Esq.	5	1	0	39	662	26·06	183	124
D Canterbury (London Road).....	Miss B. Spillett	5	0	6	66	750	29·51	189	141
D Canterbury (Irrigation Works).....	C. Terry, Esq., C.E.	5	2	6	15	721	28·40	194	..
D Canterbury (Rough Common).....	R. W. Wood, Esq.	5	1	0	285	734	28·91	..	..
D Ramsgate (East Cliffe)	Borough Engineer	8	0	10	168	650	25·60	178	123
D Ramsgate (Archer House)	Miss L. M. Wainwright ...	5	1	0	75	673	26·48	160	120
D Reculver	Allington Collard, Esq. ...	5	5	2	27	591	23·27	152	113
D Broadstairs (Domus)	Capt. W. B. Marling	8	1	0	60	687	27·04	163	125
D Broadstairs (Collis Court Road).....	A. Watkins, Esq.	5	1	0	120	659	25·96	178	126
D St. Peter's (Hildersham House).....	H. Hurd, Esq., C.E.	5	0	9	140	634	24·95	167	133
D St. Peter's Court	A. J. Richardson, Esq.	5	1	0	135	649	25·54	176	123
D Birchington (Hollydene)	W. Tomlin, Esq., Junr. ...	5	6	0	51	627	24·70	..	..
D Birchington (Birdington House).....	Mr. G. Hoare	5	5	0	45	636	25·04	..	..
D Margate (Cliftonville).....	late J. W. Gunnis, Esq.	8	1	0	120	713	28·08	171	131
D Margate (Cliftonville)	C. J. Pemble, Esq.	5	1	0	51	613	24·14	164	121
3.—SWALE & C. 167 sq. ml.									
D Selling (Grove House)	F. Ivo Neame, Esq.	5	1	5	330	863	33·97	170	141
D Selling (Luton)	F. Ivo Neame, Esq.	5	4	9	263	891	35·07	187	135
D Bicknor Rectory.....	Rev. E. W. Edward	5	1	6	517	912	35·92	186	150
D Faversham (Portway)	C. Gordon Neame, Esq.	5	3	4	180	827	32·56	174	139
D Faversham (Westwood Court).....	L. H. Finn, Esq.	8	..	..	..	903	35·54	179	130
D Teynham (Norton Court)	A. L. Mercer, Esq.	5	1	6	90	865	34·04	..	141
D Teynham (New Gardens)	Mrs. Honeyball.....	5	1	5	30	694	27·33	151	127
D Herne Bay (Water Works)	J. Roberts, Esq.	5	1	0	130	552	21·72	..	..
D Sheppey (Eastchurch, O. Rides).....	H.C. Warren, Esq.	5	2	0	40	593	23·36	..	..
D Sheerness	S. A. Green, Esq.	5	1	0	13	631	24·84	162	123
4.—MEDWAY. 506 sq. ml.									
D Bedgebury Park Gardens	Mr. H. Arnold	5	1	0	280	945	37·22	174	141
D Woodchurch (Hengherst).....	W. Mitchell, Esq.	5	1	0	152	815	32·10	178	142
D Kilndown School	J. A. Ager, Esq.	5	1	3	365	936	36·85	177	145
D Scotney Castle	E. W. Hussey, Esq.	5	3	9	203	882	34·74	161	122
D High Halden (Middle Quarter).....	Mr. B. H. Budding	5	1	0	114	916	36·08	191	144
D Biddenden (Augustus Villa).....	E. Donne Esq.	5	1	0	175	896	35·28	175	137
D Goudhurst (Gore Court)	J. A. Druce, Esq.	5	1	0	..	862	33·93	151	136
D TunbridgeWells(Hawkenbury).....	D. W. Horner, Esq.	5	1	6	435	996	39·21	192	155
D Tunbridge Wells (Sydenhurst).....	D. W. Horner, Esq.	5	1	6	435	1005	39·57	216	159
D TunbridgeWells(Calverley Park).....	Dr. F. C. Linton	5	1	0	356	925	36·42	188	148
D Tun. Wells (The White House).....	Miss Monica Robins	5	1	6	360	981	38·64	181	154
D Speldhurst (Little Court).....	P. L. Rooper, Esq.	8	1	3	350	939	36·95	209	158
D Pembury (The Spring).....	Miss L. M. Fowler	5	1	0	416	1014	39·92	201	160
D Pembury Waterworks	W. H. Maxwell, Esq., C.E.	8	1	8	197	924	36·37	190	143
D Paddock Wood(MatfieldGrange).....	C. A. Perkin, Esq.	5	1	0	360	996	39·20	196	147
D Edenbridge (Falconhurst).....	Hon. Mrs. John Talbot	5	1	6	375	1024	40·32	175	157
D Edenbridge (Stonewall Park).....	E. G. B. Meade-Waldo, Esq.	5	1	1	344	932	36·69	..	..
D Headcorn (Summerhill)	E. M. Richford, Esq.	5	1	0	100	818	32·20	168	142
D Penshurst Place	Lord De L'Isle and Dudley.....	5	1	6	100	884	34·80	203	156
D Penshurst (Hammerfield)	A. F. Hills, Esq.	5	1	5	100	823	32·42	187	152
D Penshurst (Parkholt)	Mr. J. M. Sturgess	5	0	9	265	894	35·20	181	163
D Tonbridge (Mabledon Park).....	J. F. W. Deacon, Esq. ...	5	1	6	190	905	35·63	199	155
D Tonbridge (Uplands)	G. J. Kimmins, Esq.	5	0	10	165	908	35·75	191	154

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
KENT—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—MEDWAY—(con.).									
D Tonbridge (Lyons).....	Dr. E. S. Cardell	5	1	0	75	853	33·58	191	144
D Tonbridge (The Drive).....	E. E. Roper, Esq.	5	1	0	180	906	35·68	192	153
D Hildenborough (Hollanden Ho.)	C. H. Scott, Esq.	8	1	0	99	943	37·14	200	158
D Ulcombe Place	A. O. Walker, Esq.	5	1	0	350	813	32·00	178	144
D Langley (Rumwood Court)	Mr. W. J. Gould	5	1	9	354	861	33·90	208	152
Loose Vicarage.....	Rev. W. Gardner Waterman	5	..	..	235	948	37·31	..	..
D Nettlestead (Old Quarry).....	W. Pye-English, Esq.	5	3	0	286	801	31·52	201	140
D Otham (Synyards)	Ambrose Boyson, Esq. ...	5	1	0	315	922	36·30	211	159
D Wateringbury (The Limes)	Alan Lambert, Esq.	5	1	0	130	873	34·36	200	155
D Sevenoaks (River Hill)	Lt.-Col. J. M. Rogers, D.S.O.	8	2	0	510	869	34·20	191	151
D Maidstone (W. W., Barming) ..	W. J. Ware, Esq., C.E. ...	5	1	6	250	819	32·24	181	145
D Maidstone (Brenchley Gardens) ..	T. F. Bunting, Esq., C.E. ...	5	0	9	50	853	33·58	190	145
D Maidstone (Mill Street)	T. F. Bunting, Esq., C.E. ...	8	6	0	38	865	34·07	201	145
D East Malling (Broadwater)	C. B. Mercer, Esq.	5	1	6	166	895	35·23	203	150
d East Malling (Blacklands)	Major C. E. Tristram	5	1	0	80	849	33·44	..	141
Maidstone (Allington Lock).....	Mr. W. Smith	5	1	0	20	838	33·00	..	147
D Detling (The Croft) New	R. Cooke, Esq.	5	1	0	330	895	35·22	223	155
M Detling (Pollhill Fields)	R. Cooke, Esq.	5	1	0	553	895	35·25	..	..
D Chatham (Woolmans Wood)	W. Coles Finch, Esq.	5	3	0	470	828	32·59	176	142
D Halling Pumping Station.....	F. L. Ball, Esq.	5	1	0	75	767	30·18	168	136
D Chatham (Luton W.W.).....	W. Coles Finch, Esq.	5	3	0	88	758	29·84	173	135
D Rochester (Deanery Gate).....	Warwick Stunt, Esq.	5	2	0	50	718	28·28	177	131
D Rochester (Knights Place).....	Miss F. H. Pye	5	3	0	320	816	32·12	190	146
Strood Water Works	W. Law, Esq., C.E.	5	3	0	112	726	28·57	177	137
D Frindsbury (Stonehouse Farm) ..	E. W. Wood, Esq.	5	5	0	20	777	30·59	168	135
5.—THAMES—Darent, &c. 256 sq. mi.									
D Westerham (Quebec Square) ..	Met. Water Board.....	5	1	0	380	1072	42·19	184	159
D Westerham Hill Pumping Stat. ..	Met. Water Board.....	5	1	0	539	1089	42·87	198	161
D Sundridge Rectory	Rev. C. C. Gosselin	5	1	0	280	999	39·31	189	159
M Sevenoaks (Tonbridge Rd. Res.) ..	A. Grainger, Esq.	5	1	6	556	956	37·64	..	..
D Sevenoaks (Grammar School) ..	Geoffrey Garrod, Esq.	8	1	0	486	962	37·86	202	156
D Sevenoaks (Speldhurst Close) ..	Late Rev. D. D. Mackinnon	5	1	0	470	971	38·24	186	151
D Tatsfield (Betsoms Hill)	Met. Water Board.....	5	0	7	820	1218	47·94	203	163
Seal (St. Lawrence Reservoir) ..	A. Grainger, Esq.	8	1	0	665	981	38·61	..	..
Seal (Kemsing Pumping Stat.) ..	A. Grainger, Esq.	5	1	0	292	922	36·31	..	..
D Sevenoaks (Chevening Gardens) ..	Mr. J. C. Sutton	5	1	0	360	1090	42·90	190	157
D Knockholt (Kent Waterworks) ..	Met. Water Board	5	1	0	785	1005	39·57	171	151
D Biggin Hill (Aerodrome).....	The Meteorological Office ..	8	1	0	605	1095	43·09	206	153
Fairseat (Fairseat House)	Col. W. Pitt, C.M.G.	5	1	0	670	968	38·12	184	156
D Chelsfield (Hewitts)	W. A. Waring, Esq.	5	4	0	476	883	34·77	182	141
D Keston (Forest Lodge)	W. H. Dodgson, Esq.	5	1	0	450	995	39·19	..	..
D West Wickham (Wickham Court) ..	Sir H. F. Lennard, Bt.* ..	5	1	2	300	963	37·91	..	147
D Eynsford Hill.....	Arthur Mee, Esq.	8	1	0	358	883	34·77	175	139
D West Wickham (Ingleside)	G. B. Kershaw, Esq., C.E. ...	5	1	0	248	957	37·66	187	150
Hayes (Hayes Place)	J. Grandfield, Esq.*	8	1	0	350	914	35·98	..	152
D Orpington (Kent Waterworks) ..	Met. Water Board.....	5	1	0	220	877	34·51	181	142
D Orpington (Lynwood).....	Late W. Jones, Esq.	5	1	4	272	889	34·98	..	..
D Orpington (Brookland).....	C. H. Bryant, Esq.	5	1	0	207	849	33·41	201	139
Crockenhill (Wested Farm)	A. T. Miller, Esq.	5	1	6	331	835	32·89	..	..
d Cobham (Sole Street House)	J. Scrutton, Esq.	5	1	8	311	835	32·86	198	148
d Bickley (Sunnydene)	Sir J. Wrench Towse	5	1	0	227	812	31·97	..	133
D Bickley (Farrants)	Miss Chalmers	5	1	0	250	898	35·36	176	139
Bromley (High Street)	Dr. H. Wynne Thomas	5	1	0	200	816	32·11	..	..
Bromley (Gilbert Road)	Edward Kinder, Esq.	5	1	4	200	794	31·26	..	..
D Bromley (Plaistow Lane).....	Col. E. Satterthwaite, C.B.V.D	5	0	9	230	834	32·85	197	137
D Beckenham (Croydon Road)	J. A. Angell, Esq., C.E. ...	8	1	0	110	898	35·37	193	142
Chislehurst (Hawkwood)	Miss M. C. Edlmann*	5	1	0	300	816	32·12	175	128
Chislehurst (Scadbury Park)	Mr. B. Orchard	5	1	0	250	875	34·43	167	138
D Swanley (Horticultural College) ..	Miss H. G. Mitchell	5	0	11	155	770	30·33	179	133
D Southfleet (Kent Waterworks) ..	Met. Water Board.....	5	1	0	82	715	28·16	189	122

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		Diam.	Height Ground	above Sea Level.		1924			
		in.	ft. in.	ft.		mm.	in.		
KENT—(con.).									
5.—THAMES—Darent, &c.—(con.).									
d Wilmington (Kent Waterworks) Met. Water Board.....		5	1 0	25		778	30·63	166	133
Bexley (Parkhurst)	E. Piggott, Esq.*	5	1 0	66		930	36·60	179	139
d Dartford (West Hill House)	Mr. J. Taylor.....	5	1 3	100		877	34·53	173	130
d Stone (City of Lond. Ment.Hsp.)	W. J. Gower, Esq.	5	1 0	200		742	29·22	167	129
d Gravesend (Park House)	W. G. Rea, Esq.	5	38 4	78		691	27·19	175	119
d Higham Waterworks	C. H. Clark, Esq.	8	1 0	141		791	31·15	193	132
d Erith (Crossness)	London County Council ..	14	0 6	16		715	28·15	162	124
SUSSEX. (Area, 1458 sq. mi.)									
1.—LAVANT & C. 175 sq. mi.									
d Selsey (Large Acres)	Field	5	1 0	21		848	33·38	178	130
d Bognor (Albert Road)	Late H. L. F. Guernonprez, Esq.	8	1 0	17		816	32·12	152	127
d Colworth (Manor Farm)	Harold W. Drewitt, Esq.	5	4 6	18		857	33·73	156	126
Bognor (Lidsey Lodge)	H. Neale, Esq.	8	1 2	25		893	35·14	166	134
d Merston (Abelands)	Miss V. Kennard.....	5	0 6	24		914	35·98	186	138
d Bosham (Cobnor)	Major S. W. B. Beale	5	1 6	12		948	37·32	198	141
Yapton (Drove Farm)	W. Harrison, Esq.	5	1 0	14		909	35·79	189	135
Yapton (Bonhams)	W. Harrison, Esq.	5	1 0	24		924	36·39	189	135
d Barnham (Downview Road)	P. A. Bisset, Esq.	5	1 0	20		898	35·37	178	137
d Chichester (Westgate)	G. Ashley Tyacke, Esq.	8	1 0	40		969	38·14	181	139
d Chichester (West Street)	Dr. Walter Dick	5	1 0	40		951	37·43	173	137
d Chichester (Oakwood House)	Mrs. Baring Du Pré	5	0 5	101		983	38·69	..	136
d Chichester (West Broyle Gdns.)	Mr. C. Fogden	5	1 4	107		1007	39·63	183	147
d Emsworth (West Bourne)	Rev. L. B. Birkett	5	1 0	30		910	35·81	182	146
d Funtington House	J. A. Greenwood, Esq.	5	1 0	95		985	38·79	175	140
d West Stoke Rectory	Rev. Preb. W. F. Shaw ..	5	1 0	176		1005	39·55	..	138
d Chichester (Goodwood Gardens)	Mr. F. Brock	5	1 3	133		1079	42·48	190	147
d Emsworth (Watergate House)	W. M. Christy, Esq.	5	1 0	222		1086	42·76	188	153
West Dean Park	Mr. W. H. Smith	10	1 6	190		1180	46·44	..	156
d Chilgrove House	E. L. Woods, Esq.	5	1 0	266		1150	45·26	174	155
d Compton (Compton House)	Kenneth M. Langdale, Esq.	5	1 0	263		1177	46·34	185	157
d Elsted (Telegraph House)	The Earl Russell	5	1 0	625		1157	45·56	168	153
2.—ARUN. 285 sq. mi.									
d Littlehampton (Met. Station)	C. Thomas Gardner, Esq.	5	1 0	27		792	31·18	156	121
d Rustington (Bracondale Nurs.)	J. Muir, Esq.	5	0 10	30		799	31·47	155	117
d Patching (Dulaney House)	Mr. J. J. Hunt	5	1 0	125		1022	40·25	167	139
d Patching Farm	Michael Drewitt, Esq.	5	1 0	180		1006	39·62	158	132
d Cocking Rectory	Mrs. Randall	5	0 9	195		1173	46·17	187	159
d Harting (Down Place)	R. G. Blackwell, Esq.	5	1 0	401		1290	50·79	181	151
d Pulborough (Nutbourne Manor)	H. M. Baker, Esq. ....	..	..	100		971	38·23	..	..
d Fittleworth Rectory	Rev. A. C. Lucey	5	1 2	135		1087	42·81	187	155
d Bepton (Fairfield)	Major W. A. Chauncy.....	5	0 8	158		1027	40·42	170	134
d Selham (Selham House)	C. C. Lacaita, Esq.	5	1 0	115		1067	42·01	..	141
d Petworth Park Gardens	Mr. E. W. Pull	5	1 0	182		1098	43·23	187	151
Tillington (River House)	Hon. Lady Cunliffe, C.B.E.	5	1 0	230		998	39·29	..	..
Midhurst (Meadowlea)	Gilbert Eames, Esq.	5	1 0	..		1031	40·57	..	..
d Midhurst (Hollist)	Nigel V. Combe, Esq.	5	0 6	107		1089	42·89	175	159
d Midhurst (King Edward VII San.)	A. Ward, Esq.	5	1 0	480		1019	40·13	163	137
Wisborough Green (Lowfold)	B. de F. Osmaston, Esq.	5	1 6	150		908	35·76	154	138
d Linchmere (Borden Wood)	Late Edmund Lamb, Esq.	8	1 0	260		1097	43·21	177	155
d Milland House	S. Thompson, Esq.	5	1 0	425		1023	40·29	198	149
d Fernhurst (Ashurst)	J. G. Ohlenschlager, Esq.	5	1 0	280		1077	42·38	183	150
d Fernhurst (Blackdown House)	Lady Philipson Stow	5	1 0	550		1139	44·83	181	153
Petworth (Roundwyck)	Brig. Gen. C. Lewes, CMG, DSO ..	5	0 6	105		970	38·18	..	..
d Lower Beeding (The Warren)	Leicester M. Reed, Esq.	5	0 10	430		1065	41·92	188	155
d Horsham (Christ's Hospital)	Major Gabriel Green, M.C.	8	1 3	160		1015	39·98	185	153
d Horsham (Sewage P.S.)	C. G. Atkinson, Esq.	5	1 0	121		987	38·87	183	146
d Horsham (Wimblehurst)	Miss E. M. Allcard	5	1 0	195		1009	39·73	192	149
d Horsham (Roffeyhurst)	T. R. Curtis, Esq.		1003	39·49
d Rusper (The Nunnery)	Sir Cecil J. B. Hurst, K.C.B.	5	1 6	260		1057	41·60	187	149

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		Diam.	Height Ground	above Sea Level.					
SUSSEX—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—ADUR & C. 237 sq. mi.									
D Rottingdean School	Mr. T. A. Sandalls	5	1	0	120	852	33·56	166	136
D Rottingdean (Hillside)	Vice-Admiral H. J. L. Clarke	5	1	0	56	880	34·63	166	134
D Worthing (Victoria Park)	Dr. R. H. Wilshaw	8	1	0	35	829	32·65	159	132
East Preston (Bay Trees)	Rev. J. B. Orme	5	0	9	25	839	33·05	176	126
D Brighton (Dyke Road)	R. A. Penney, Esq.	5	3	10	240	922	36·31	179	129
D Brighton W.W. (Goldstone Bot.)	A. B. Cathcart, Esq., C.E. ..	8	0	7	140	901	35·46	162	135
D Brighton W.W. (Lewes Road)	A. B. Cathcart, Esq., C.E. ..	8	4	9	140	1006	39·60	190	147
D Brighton W.W. (Shoreham)	A. B. Cathcart, Esq., C.E. ..	8	1	9	12	937	36·88	175	135
D Brighton W.W. (Mile Oak)	A. B. Cathcart, Esq., C.E. ..	8	1	3	167	937	36·90	177	138
D Brighton W.W. (Race Hill Res.)	A. B. Cathcart, Esq., C.E. ..	8	1	0	466	1024	40·33	191	143
D Brighton (Moulscot)	J. Nicholas, Esq.	5	1	0	190	1011	39·82	188	142
Preston Park (Cromer Lodge)	P. J. Trouncer, Esq.	8	1	3	96	1013	39·87	..	..
D Falmer (Brighton W. W.)	A. B. Cathcart, Esq., C.E. ..	8	1	3	209	1034	40·72	206	149
D Patcham (Brighton W. W.)	A. B. Cathcart, Esq., C.E. ..	5	1	6	207	921	36·24	196	145
D Bramber (Burrells)	Hatton G. Sugden, Esq. ..	5	3	6	75	1071	42·18	200	149
D Steyning (The Crescent)	D. Hide, Esq.	5	2	0	87	968	38·10	..	..
D Washington Vicarage	Rev. A. H. S. Patrick ..	5	1	0	251	930	36·60	170	138
M Ditchling (Sillwood House)	Miss Tupper	5	1	0	220	1045	41·15	..	..
Hassocks (The Croft)	Harold Taylor, Esq.	5	1	0	200	1134	44·65	169	147
Cuckfield (Henmead Hall)	Mrs. Maxwell Campbell ..	5	3	5	365	1045	41·14	190	160
D Billingshurst (Duncan's Farm)	A. Hampshire, Esq.	5	1	0	130	1037	40·83	184	158
4.—OUSE. 224 sq. mi.									
D Seaford (Bowden House School)	J. F. Thomas, Esq.	5	1	0	190	945	37·20	155	125
D Seaford (Newlands)	T. Davys Manning, Esq. ..	5	1	0	100	807	31·76†	164	128
D Newhaven (Poverty Bottom WW)	J. T. Bickford, Esq.	8	1	0	51	986	38·83	170	132
D Lewes (Little Dene)	Mr. F. Down	8	0	11	58	1195	47·03	..	..
D Lewes W. W. (Kingston)	A. Wells, Esq.	8	1	3	13	1119	44·05	221	155
D Ringmer (Park House)	G. Elliott Sealy, Esq.	5	2	0	90	1103	43·42	..	141
East Hoathly (Halland Park)	Mr. R. Shanks*	5	1	0	140	994	39·14	..	..
Framfield (High Cross)	Maj. R. L. Thornton, C.B.E. ..	5	0	6	195	1089	42·89	..	..
D Wivelsfield Green	T. D. Evans, Esq.	5	1	0	..	1064	41·90	..	..
D Haywards Heath (Gower Road)	Mr. J. E. Shirley	5	3	4	242	942	37·08	205	149
D Haywards H. (Paddockhall Rd.)	L. E. Hervey, Esq.	5	0	6	260	1013	39·89	193	152
Buxted (Strawberry Hall)	C. Rintoul, Esq.	5	1	0	180	1096	43·16	184	..
D Mayfield (Five Ashes)	Miss Emily Aston	5	1	6	300	1062	41·80	205	148
Oldlands Hall	(R) F. Eckstein, Esq.	8	3	0	400	1221	48·05	196	167
D Ardingly (Lywood House)	G. Forrester Scott, Esq.	5	0	9	240	1059	41·71	214	158
D Ardingly (Wakehurst Place)	G. W. E. Loder, Esq.	8	1	3	437	1096	43·12	204	153
D Horsted Keynes (Birchgrove)	Miss G. C. Price-Davies ..	5	1	0	400	1035	40·74	215	151
D Balcombe (The Gables)	Mr. G. J. Warren	8	1	3	358	1141	44·91	207	170
D Balcombe (Stockcroft)	R. Newton, Esq.	5	1	1	341	1111	43·76	197	160
D Balcombe (Waterworks)	F. Martin, Esq., C.E.	8	1	0	471	1108	43·62	..	149
Balcombe (Highley Manor)	Mr. B. T. Brooks	8	1	6	420	1142	44·95	205	158
5.—CUCKMERE & C. 189 sq. mi.									
D Eastbourne (West Lodge)	Miss E. K. Beauford	5	1	2	120	899	35·38	171	133
D Eastbourne (Wilmington Sq.)	Dr. W. G. Willoughby ..	5	1	0	36	831	32·73	171	126
D Eastbourne (Motcombe Gdns) (A)	Major L. Roseveare, C.E.	11	1	7	59	947	37·27	169	129
D Eastbourne (Bakewell Road)	Chas. Harding, Esq.	8	1	0	75	939	36·99	177	129
D Eastbourne (Arundel Road)	Miss Woodd	8	1	6	87	945	37·20	191	133
D Eastbourne (Arundel Road)	J. C. Wright, Esq.	5	1	0	70	901	35·47	..	..
D Friston	A. Wilkins, Esq.	8	7	6	104	935	36·80	193	134
D Litlington (Plough & Harrow Inn)	A. Wilkins, Esq.	8	1	6	19	1070	42·11	178	141
D Willington Sewage Farm	A. C. Matthews, Esq.	5	1	0	24	1003	39·50	159	131
D Pevensey Pumping Station	A. C. Matthews, Esq.	5	1	0	12	848	33·30	155	132
D Pevensey Bay (Beach House)	J. H. Anderson, Esq., C.E. ..	5	1	5	21	776	30·55	166	126
D Pevensey Bay Pumping Station	A. C. Matthews, Esq.	5	1	0	7	810	31·38	154	130
D Bexhill (Egerton Park)	H. J. Sargent	8	1	0	13	835	32·87	174	130

*Per "Sussex County Herald."

† Exposure not orthodox.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SUSSEX—(con.).		in.	ft.	in.	ft.	mm.	in.		
5. CUCKMERE & C.—(con.).									
d Hastings (Filsham Reservoir)	G. H. Whitaker, Esq., C.E.	5	1	0	36	903	35·54	183	146
d St. Leonards (Gensing Gardens)	W. Ruskin Butterfield, Esq.	8	1	0	179	943	37·13	211	140
d Hailsham (North Street)	R. Matthews, Esq.	5	1	0	105	1026	40·40	195	145
d Hurstmonceux Place	H. A. James, Esq.	5	1	8	83	799	31·47
d Hailsham (Magham Down)	E. M. Bear, Esq.	5	1	0	90	949	37·36
d Hastings (Newgate)	(R) G. H. Whitaker, Esq., C.E.	8	5	6	240	873	34·36
d Hastings (Halton Reservoir)	G. H. Whitaker, Esq., C.E.	5	1	0	301	913	35·94	181	138
d Hastings (Fairlight Reservoir)	G. H. Whitaker, Esq., C.E.	5	1	0	523	918	36·13	178	141
d Hastings (Cemetery)	Walter Field, Esq.	5	0	8	478	852	33·54	190	136
d Ninfield (Hazard's Grn Pmp. St.)	C. P. King, Esq.	8	0	10	74	752	29·60	196	134
d Battle (Forewood W.W.)	G. H. Whitaker, Esq., C.E.	5	1	0	47	833	32·81
d Battle (Campfield)	Lt. Col. G. A. Yool	5	1	0	179	948	37·34	179	142
d Hellingly (Burlow)	G. Berry Hamlin, Esq.	5	1	0	209	1020	40·14	205	149
d Horeham Road (Coxlow)	Miss P. C. Harrison	5	1	0	260	982	38·67	203	146
d Horeham Rd. (Hollycroft Cott.)	J. Hamlin, Esq.	5	1	0	300	1059	41·69	188	149
d Heathfield (The White Cottage)	J. F. Leigh Clare, Esq.	5	1	0	500	1002	39·45	179	145
6.—ROTHER. 194 sq. mi.									
d Westfield Vicarage	Rev. E. J. Morgan	5	5	6	101	984	38·74	222	140
d Icklesham Vicarage	Rev. Philip Houghton	5	0	6	150	899	35·40	164	136
d Winchelsea (Mariteau House)	C. W. Campion, Esq.	5	1	0	120	1007	39·66	197	145
d Winchelsea (Road End)	Major R. P. Mair	5	1	0	62	975	38·40
d Brede Pumping Station	G. H. Whitaker, Esq., C.E.	5	1	0	37	945	37·22	161	141
d Udimore (The Wick)	Major R. P. Mair	8	1	0	92	938	36·93
d Rye (The Point)	W. Gay, Esq.	5	0	3	100	971	38·23	183	144
d Brightling (The Cottage)	T. W. C. Terry, Esq.	5	1	0	130	1108	43·61	187	149
d Peasmarsh (Woodside)	A. W. Richards, Esq.	5	0	9	100	981	38·64	167	142
d Beckley (Little Harmers)	B. E. de N. Ramus, Esq.	5	1	0	150	1050	41·35	192	147
d Heathfield (Tottingworth Park)	Mr. J. Masson	5	1	0	500	1191	46·88	183	155
d Northiam (Great Dixter)	Nathaniel Lloyd, Esq., OBE	8	1	0	210	1264	49·75	178	146
d Hurst Green (Boarzell)	Sir F. W. Fison, Bart.	8	1	0	271	926	36·46	179	133
7.—MEDWAY. 117 sq. mi.									
Rotherfield (Horsegrove Fm.)	F. W. Shaw, Esq.	5	1	0	528	1224	48·18	191	166
d Crowborough (Jarvis Brook)	Crowborough Water Co.	5	1	0	325	1175	46·27	183	163
d Crowborough (Uckfield Lodge)	Mrs. A. M. Driberg	8	1	0	785	1246	49·05	198	172
d Crowborough (Te Whare)	Miss Hames	5	1	0	796	1211	47·68	220	158
d Crowborough (Smallfield)	J. Godfrey, Esq.	5	2	0	600	1252	49·30	202	186
d Wadhurst (Lower Cousley Wd)	F. Wilkin, Esq.	5	1	0	416	940	37·01	190	145
d Forest Row (Wych Cross Place)	D. W. Freshfield, Esq., D.C.L.	5	1	0	600	1116	43·92	..	150
d Forest Row (Hindleap Lodge)	Mr. A. Adam	5	1	6	620	1175	46·26	178	158
d Forest Row (Charlwood Farm)	A. Hoare, Esq.	5	2	0	350	1136	44·72	176	

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.					
HAMPSHIRE. (Area, 1622 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—ISLE OF WIGHT. 150 sq. mi.									
▮ Ventnor (Flint Cottage)	J. S. Ineson, Esq.	5	1	0	99	845	33·28	162	126
▮ Ventnor (Royal National Hos.) .	Miss N. G. Abercrombie. . .	5	1	0	60	837	32·96	176	126
▮ Ventnor (Fern Bank)	A. W. Jolliffe, Esq.	5	1	5	250	959	37·76	176	136
▮ Shanklin (Pomona Road)	E. C. Cooper, Esq., C.E. . . .	8	1	0	184	1038	40·85	174	135
▮ Sandown (Free Library)	C. E. Gilchrist, Esq.	8	1	0	30	901	35·46	186	144
▮ Brighstone (Pitt Place)	A. A. H. Wykeham, Esq. . . .	8	1	0	200	1138	44·80	..	..
▮ The Needles (Golf Club)	Mrs. G. E. Newnham.	5	4	0	350	878	34·57	..	..
▮ Totland Bay (Aston House) . . .	J. Dover, Esq.	8	1	0	140	895	35·23	170	131
▮ Freshwater (Pumping Station) .	J. Dover, Esq.	8	1	0	10	930	36·62	152	126
▮ Bembridge (The Grange)	Major F. A. Edwards	5	0	9	100	979	38·54	165	140
▮ Newport (The Mall)	F. Morey, Esq.	5	1	0	48	1065	41·93	171	138
▮ Ryde (New Lodge, S. John's Pk)	Mrs. Dobie	5	1	0	147	963	37·91	196	133
▮ Ryde (Perivale)	Major E. C. Murray	5	1	3	193	1029	40·51	174	132
▮ Ryde (Buckland Grange)	Lt. Col. Sir Hugh Daly	5	1	0	90	971	38·21	213	139
▮ Ryde (Esplanade Gardens)	B. F. Holness, Esq., C.E. . . .	5	1	9	12	937	36·89	180	137
▮ Wootton (Fernhill)	Major C. G. Brodie, M.C. . . .	8	0	6	118	1007	39·63	175	132
▮ East Cowes (Spring Hill)	G. Shedden, Esq.	5	1	0	121	916	36·07	176	129
▮ Cowes W. W. (Broadfields)	J. W. Webster, Esq., C.E. . . .	5	1	0	161	951	37·45	165	129
▮ Cowes (Upper Moor Green)	J. G. K. Day, Esq.	5	4	0	160	958	37·72	178	134
2.—STOUR. 32 sq. mi.									
▮ Bournemouth (Pleasure Gdns) . . .	C. Dales, Esq.	5	1	0	10	869	34·23	188	133
▮ Bournemouth (East Cliff)	Dr. F. G. Penrose.	8	2	6	116	838	32·99	173	133
▮ Bournemouth (West Cliff)	Rev. G. A. Rideout	5	1	0	145	1010	39·75	212	149
▮ Bournemouth (Westcliff Road) . .	S. Barker, Esq.	5	1	0	100	851	33·50	..	..
▮ Bournemouth (Rodney House) . . .	S. Hyla Greves, Esq.	5	1	0	145	930	36·62	184	133
▮ Bournemouth (Rodney House) . . .	S. Hyla Greves, Esq.	5	1	0	145	979	38·54	191	143
▮ Bournemouth (Vale View)	C. Dales, Esq.	5	1	0	145	810	31·90	191	139
▮ Bournemouth (Derby Road)	Mrs. G. Bennett	10	2	0	102	836	32·91	..	139
▮ Bournemouth (Howard Road) . . .	E. D. Shawfield, Esq.	5	0	10	117	1026	40·38	186	150
▮ Christchurch (Heron Court)	The Earl of Malmesbury. . . .	5	1	2	25	1090	42·91	184	152
▮ Ringwood (St. Leonards)	S. O. Ferry, Esq.	5	0	8	60	919	36·17	183	142
▮ Ringwood (St. Leonards)	J. F. Turner, Esq.	8	1	0	62	1035	40·74	187	152
3.—EAST AVON & C. 114 sq. mi.									
▮ Ringwood (Bisterne)	Major J. D. Mills	8	1	2	45	1029	40·50	178	151
▮ Ringwood (West Mount)	R. F. Williams, Esq.	5	1	0	100	1111	43·73	224	149
▮ Ringwood (Grey Friars)	R. W. Christy, Esq.	5	1	0	50	970	38·18	..	128
▮ Fordingbridge (Cuckoo Hill)	Heywood Sumner, Esq.	5	1	0	150	1117	43·98	202	161
▮ Fritham (Fritham House)	H. H. S. Northcote, Esq. . . .	5	1	0	399	1153	45·39	196	159
▮ Fordingbridge (Dockens)	E. W. Poore, Esq.	8	1	0	140	1068	42·04	190	148
▮ Fordingbridge (Oaklands)	S. B. Rake, Esq.	8	1	0	135	1101	43·33	220	160
▮ Breamore (Hale Park)	Mrs. E. Fitzherbert Wright . .	..	..	..	..	1097	43·21	191	152
4.—TEST & SOLENT. 551 sq. mi.									
▮ Milford-on-Sea (Salt Grass)	A. C. G. Heygate, Esq.	5	1	0	6	938	36·93	172	132
▮ Milford-on-Sea (Milford House) . .	Miss W. Agar	5	0	8	23	975	38·37	204	140
▮ Lymington (The Salterns)	P. A. Ouvre, Esq.	5	1	0	4	908	35·74	177	134
▮ Lymington (Woodmancote)	Major G. M. Harding	5	2	0	70	941	37·05	184	141
▮ New Milton (White Cottage)	Rev. W. M. Furneaux, D.D. . .	5	0	8	105	1005	39·55	186	143
▮ Boldre (Battramsley Close)	Dr. H. A. Des Voeux	5	0	7	119	999	39·35	195	147
▮ Beaulieu (Drokes)	Col. D. Mills	5	4	0	45	864	34·03	..	..
▮ Brockenhurst (Setley)	Col. C. Mansel-Jones	5	1	0	145	1098	43·23	195	152
▮ Calshot (Seaplane Station)	The Meteorological Office. . .	8	0	10	9	833	32·81	171	130
▮ Burley (Manor House)	Col. F. Willan	5	3	10	210	928	36·54	..	..
▮ Hythe (Heathfield, Dibden)	Mr. Jesse Reeves	5	1	3	131	1086	42·74	196	145
▮ Lyndhurst (Deerhurst)	R. Paget, Esq.	5	1	6	250	1093	43·05	175	150
▮ Lyndhurst (Allium Green)	Miss S. R. Fenwick	5	0	8	..	1063	41·83	174	148
▮ Hythe (Dibden House)	Lt. Col. H. W. Kettlewell. . .	5	0	6	85	1083	42·62	190	147
▮ Totton (Shorne Hill)	Capt. J. H. W. Rennie	5	1	0	130	1057	41·63	201	149
▮ Southampton (East Park)	Col. E. M. Jack, R.E.	8	1	0	66	1029	40·49	193	151

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height above Ground Sea Level.		1924				
HAMPSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—TEST & SOLENT—(con.).									
Southampton Common Res....	E. C. Rodda, Esq., C.E....	5	1	0	193	959	37·76	..	..
Cadnam (Copythorne House) ..	N. M. Lawrence, Esq.	5	3	0	250	1072	42·21	206	158
Romsey (Embley Gardens) ..	J. J. Crosfield, Esq.	5	1	0	130	1004	39·52	184	147
Romsey (Harefield).....	Lt. Col. W. J. Langford ...	5	1	0	120	975	38·40	193	161
Melchet Court	Mr. F. Clipstone	5	3	6	200	1043	41·08	..	..
Romsey (Timsbury)	E. C. Rodda, Esq., C.E....	8	1	8	96	968	38·11	193	148
Horsebridge (Bossington House)	Mrs. Mansell-Jones	8	0	9	98	989	38·95	170	147
Ashley Manor	J. C. Macro Wilson, Esq....	5	1	0	300	942	37·10	178	144
Upper Somborne (Clock Ho.) ..	Mr. C. Alleway	8	1	0	250	1070	42·12	182	147
Broughton	W. Steele Tomkins, Esq....	5	5	0	130	986	38·83	..	142
Stockbridge (Houghton Lodge) ..	Mr. G. Morris	5	1	0	112	1001	39·41	178	153
Crawley (Chilbolton Down) ...	R. Hargreaves, Esq.	8	1	2	350	1028	40·47	182	154
Wonston (Upton House).....	H. J. Gardiner, Esq....	5	1	0	230	960	37·78	187	147
Wonston.....	C. de Lacy Lacy, Esq....	5	5	0	217	974	38·33	..	..
Andover (Sewage Works).....	C. Jerome, Esq.	8	1	0	..	1080	42·53	187	151
Andover (Aerodrome)	(+A)The Meteorological Office..	8	1	0	296	950	37·40	188	138
Fyfield Rectory	Rev. E. K. R. Reynolds...	5	1	3	255	950	37·39	195	149
Whitchurch (The Yews)	C. Echlin Gerahty, Esq....	5	1	0	230	1011	39·82	207	143
Andover (Enham Village Centre)	Major A. Garthwaite.....	5	2	6	300	1006	39·62	217	154
St. Mary Bourne (Bournside) ..	Prof. C. V. Boys, F.R.S....	5	1	0	300	1019	40·11	204	153
St. Mary Bourne (Spring Hill) ..	Rev. H. A. Boys.....	5	1	0	300	1017	40·04	203	149
Worting (Manydown Park) ..	(R)Col. A. S. Bates	8	2	0	400	1026	40·40	..	..
Oakley (Malshanger)	Mrs. Godfrey Walter	5	1	0	400	1019	40·12	..	..
Hurstbourne Tarrant (Rookery)	R. E. C. Burder, Esq.	5	1	0	331	1116	43·94	..	..
Whitchurch (Dunley Manor) ..	Sir Alfred Herbert	5	3	10	500	1096	43·14	192	157
Vernham Dean (Rowe House) ..	Mrs. E. H. Gamble	5	0	7	620	1068	42·03	183	149
5.—ITCHEN & SPITHEAD. 422 sq. mi.									
Alverstoke (Monckton House) ..	Major J. Blake.....	5	1	3	15	936	36·86	180	135
Alverstoke (Glencoe)	J. G. Thomas, Esq.	5	1	3	20	914	35·97	185	134
Portsmouth (Eastney)	A. W. Ward, Esq., C.E....	8	0	6	16	784	30·85	..	..
Portsmouth (Victoria Park) ...	Dr. A. Mearns Fraser	5	1	0	15	916	36·06	176	135
Hayling Island (Richmond Ho.) ..	E. S. McEuen, Esq.	5	1	2	16	851	33·49	171	132
Lee-on-Solent (Edinburgh Ho Sch)	Trevor J. Tatham, Esq. ...	5	1	0	15	861	33·88	165	132
Portchester (Noel Cottage).....	Miss R. M. Frost	5	1	9	..	866	34·08	..	..
Titchfield	Capt. E. H. Buxton	5	0	10	25	942	37·09	178	137
Fareham (Fareham House) ...	W. S. Stevenson, Esq., M.D.	5	1	6	30	976	38·42	..	137
Fareham (Roche Court)	Mrs. H. F. Rawstorne	5	1	0	104	1015	39·94	185	139
Havant (Farlington)	H. Ashley, Esq., C.E.	5	1	0	77	835	32·87	169	132
Havant (Portsmouth W.W.) ..	H. Ashley, Esq., C.E.	5	1	0	25	874	34·41	181	124
Netley (Lake House)	Miss Pennington	8	1	0	54	1009	39·73	204	145
Cowplain (Forest View)	H. C. Pearson, Esq.	5	5	0	222	1077	42·42	201	156
Wickham (The Lower House) ..	Mj.-Gen. Sir C. H. Powell, KCB	5	1	4	100	1010	39·77	..	..
Wickham (Park Place).....	Major A. F. Clifford.....	8	1	1	150	1013	39·88	181	149
Southampton (Corporation Whf.)	J. A. Crowther, Esq., C.E..	5	6	0	10	1013	39·87	185	147
Southampton (Portswood).....	J. A. Crowther, Esq., C.E..	5	1	9	10	1004	39·53	178	144
Botley (Brook House)	Beckett Powell, Esq.	5	3	2	45	1077	42·38	..	..
Botley (Botley Hill)	Lady Jenkyns	5	1	6	36	1042	41·02	199	147
Botley (Uplands Farm)	Mr. Wilmot H. Yates	5	1	0	60	1042	41·02	180	142
Curdridge (Beechcroft)	Miss L. M. S. Pasley	5	1	0	96	1028	40·46	194	154
Curdridge (Kitnocks House) ..	Major C. F. Randolph	5	0	6	185	1045	41·15	182	148
Swanmore (Holywell House) ..	Mrs. M. Portal.....	5	1	0	175	1037	40·81	188	152
Soberton (Mislingford)	E. T. Hildred, Esq., C.E..	5	1	0	136	1056	41·58	181	142
Chalton (Woodcroft).....	C. J. P. Cave, Esq.	5	1	0	230	1151	45·33	..	..
West End (Oaklands)	Capt. P. C. Pearson, R.N. ...	5	1	0	45	1003	39·49	185	143
Bishops Waltham (Park Ho.) ..	A. F. Hardy, Esq.	5	1	3	170	999	39·31	182	140
Bishops Waltham (Swanmore H.)	W. H. Myers, Esq.	8	1	2	390	1269	49·94	179	155
Droxford (Uplands)	Miss Bridge	5	1	0	279	1147	45·15	205	159
Droxford (Fairfield House) ...	H. Hamilton Bridge, Esq. ...	5	0	9	254	1129	44·47	186	156
Droxford (Fir Hill)	Cap. Mackenzie-Grieve, R.N.	5	3	6	212	1195	47·06	202	153
Eastleigh (Fair Oak School) ...	G. E. Edwards, Esq.	5	1	0	120	938	36·92	..	..
Petersfield (Ditcham Park) ...	C. J. P. Cave, Esq.	8	1	0	555	1128	44·42	202	154

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height above Ground Sea Level.					
		in.	ft.	in.	ft.	1924 mm. in.		
HAMPSHIRE—(con.).								
5.—ITCHEN & SPITHEAD—(con.)								
M Petersfield (Downley)	C. J. P. Cave, Esq.	5	1	2	374	1195	47·05	..
D Fair Oak (Fisher's Pond)	G. M. Mathews, Esq.	5	1	0	91	979	38·54	182
Otterbourne House	E. Christian, Esq.	5	1	6	111	1010	39·75	..
D Otterbourne (W. W., Shawford)	E. C. Rodda, Esq., C.E.	5	1	0	113	996	39·21	196
D Owslebury Vicarage	Rev. A. E. Briggs	5	1	1	376	1053	41·45	202
D Twyford (Pumping Station)	E. C. Rodda, Esq., C.E.	8	1	9	139	1077	42·39	200
D Twyford (Mallards Close)	G. R. Marsh, Esq.	5	1	0	153	1003	39·47	175
East Meon (Burnside)	H. A. Gilmour, Esq.	..	..	..	..	1230	48·43	..
D Hursley Park	(R) Sir G. A. Cooper, Bart.	10	1	6	240	982	38·67	187
d Compton (Kennington)	J. Durst, Esq.	5	1	1	250	1021	40·19	190
D West Meon (Westwood)	Major G. E. Galbraith	5	1	7	470	1199	47·21	197
Kilmeston Manor	Mrs. Heathcote	5	4	6	323	1037	40·81	..
Petersfield (Broadhanger)	Mrs. R. M. Caulfeild	5	1	0	730	1317	51·86	209
D Winchester (East Hill)	Mrs. E. Wilde	5	1	0	256	919	36·19	204
West Tisted Manor	Capt. Nelson Zambra	5	1	3	600	1132	44·55	197
D Ropley Vicarage	Rev. H. W. C. Geldart	5	0	10	350	991	39·03	182
D Ovington Rectory	Rev. H. F. LaM. Stowell	5	1	0	221	1164	45·83	193
Ovington (Barley Down)	J. Stevens, Esq.	12	3	6	300	1068	42·06	200
D Itchen Abbas (Chilland)	W. J. Arnold, Esq.	5	1	3	200	954	37·55	196
6.—ARUN. 32 sq. mi.								
M Petersfield (Sunwood)	C. J. P. Cave, Esq.	5	0	10	479	1263	49·71	..
d Petersfield (Buriton House)	L. G. Bonham Carter, Esq.	5	1	6	300	1192	46·93	..
D Petersfield (Weston)	Capt. P. W. Seward	5	1	0	330	1320	52·32	183
Petersfield (Monks Barn)	F. G. Padwick, Esq.	8	1	0	300	1217	47·90	186
Petersfield (Redlynch)	Miss B. M. F. Robinson	5	0	9	420	1161	45·71	..
D Petersfield (Stoner Hill)	(+A) C. J. P. Cave, Esq.	5	0	9	748	1283	50·53	203
D Liss (Overcombe)	late Miss Jebb	5	1	3	500	1062	41·81	207
D Liss (Easton)	Miss E. Barton	5	1	0	500	1076	42·36	186
D Liss (Heathmount)	(R) R. A. Bosanquet, Esq.	..	4	0	490	1155	45·49	190
D Liss (Highfield)	J. S. Gamble, Esq., CIE, FRS	5	0	9	325	1182	46·53	216
D Liss (Berry Grove House)	Col. A. de B. V. Paget	5	1	1	250	1059	41·71	183
d Liss (Kippences)	Rev. W. A. H. Thorold	5	0	9	250	1116	43·93	..
D Liss (Hawkey Hurst)	T. Clive Davies, Esq.	5	0	11	423	1309	51·52	206
D Greatham (Manor House)	A. F. Coryton, Esq.	5	0	7	260	1062	41·81	181
D Greatham (Le Court)	Sir Heath Harrison, Bart.	5	0	9	350	1182	46·55	193
7.—THAMES—Wey. 92 sq. mi.								
d Colmer Rectory	late Rev. A. C. Hervey	5	1	1	560	1141	44·92	..
D Newton Valence Vicarage	Rev. A. C. Maclachlan	5	1	0	586	1165	45·85	210
D Newton Valence Place	Rear Adl. E. Jervoise, C.B.E.	8	1	5	615	1118	44·02	197
D Selborne (The Wakes)	Mrs. Bibby	5	1	0	400	1216	47·87	193
D Grayshott	Mrs. Lyndon	5	1	0	661	1141	44·93	196
D Bentworth Rectory	Lt. Col. W. J. Long, C.M.G.	5	1	0	587	1089	42·86	187
Alton (Shalden Manor)	J. Gathorne Wood, Esq.	8	3	0	594	1162	45·75	217
D Alice Holt Forest	Office of Woods	8	1	0	264	1007	39·65	195
8.—THAMES—Loddon. 164 sq. mi.								
D Long Sutton (Agric. Coll.)	The Warden	5	1	0	480	1000	39·37	188
D Upton Grey (Hoddington Ho.)	Lord Basing	8	1	0	378	1182	46·53	186
D Aldershot (Sewage Works)	Dr. G. W. Routley	5	1	0	231	947	37·28	198
D Hook (Nateley Hatch)	R. C. Mallock, Esq.	5	1	0	329	885	34·86	187
D Sherborne St. John Rectory	Rev. D. W. Chute	5	1	3	267	868	34·16	184
D Sherborne St. John	Rear-Admiral A. S. Lafoné	5	1	0	260	884	34·81	192
D South Farnborough (R.A.E.)	(+A) The Meteorological Office	8	1	0	234	948	37·30	191
D Bramley (Street Farm House)	F. Walkinshaw, Esq.	8	1	0	227	908	35·75	184
D Stratfieldsaye Rectory	Rev. F. Page-Roberts	5	1	0	164	846	33·32	210
Heckfield (Park Corner)	Miss Martineau	5	1	2	257	802	31·59	185
9.—THAMES—Kennet. 65 sq. mi.								
D Wolverton (Ewhurst Park)	Mr. H. Beckingham	5	2	0	400	988	38·91	185
Highclere (Boxhall Cottage)	D. R. Sharpe, Esq.	5	1	0	450	1081	42·57	194
D Highclere (Adbury Pk. Gdns.)	Mr. C. Street	5	1	0	350	1095	43·10	206

DIVISION II.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
BERKSHIRE. (Area, 722 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—TEST. 2 sq. mi.									
2.—THAMES—Bourne. 15 sq. mi.									
d Ascot (Bushfield Nursery).....	The Forestry Commission..	5	1	0	311	879	34·62	184	139
d Ascot (Heatherwood Hospital).	The Medical Superintendent	5	1	0	315	824	32·45	177	137
3.—THAMES—Loddon & c. 162 sq. mi.									
d Finchampstead (Ridgeways)...	T. C. Horsfall, Esq.	5	1	0	320	849	33·44	217	140
Finchampstead (Manor Farm)...	M. B. Powell, Esq.	5	1	6	238	806	31·74	..	..
d Wellington College	E. O. Tancock, Esq.	5	1	0	283	868	34·19	193	146
d Wokingham	C. W. Marks, Esq.	5	1	0	174	797	31·36	184	136
d Wokingham (Appin Lodge)	Rev. W. N. Blakeney	8	0	10	200	823	32·40	..	..
d Bracknell (Hillside)	Mrs. Littlewood	5	1	0	207	869	34·21	184	143
d Winkfield (Ryemead)	Mrs. Aubrey Elliott	5	0	10	220	820	32·28	201	145
d Windsor (Royal Gardens)	Mr. C. H. Cook	5	1	0	88	897	35·33	203	134
d Windsor (Bicton)	Miss M. G. Cookson.....	8	1	0	88	847	33·34	180	141
d Maidenhead (The Pagoda).....	H. G. Barker, Esq. ....	..	..	..	..	885	34·83	..	142
d Maidenhead (Hall Place)	Sir G. A. C. East, Bart. .	8	1	2	275	842	33·15	193	138
d Remenham Hill (Wedmore)	Lt.-Col. C. D. Burnell, D.S.O.	5	1	0	300	971	38·23	215	156
d Hambleden Lock	Mr. S. J. Bourner	5	2	0	120	947	37·27	208	152
d Hurley (Temple House).....	G. Groves, Esq.	5	1	0	106	931	36·66	204	158
d Bisham Vicarage	Rev. W. Farrer	5	1	0	100	866	34·09	188	140
d Bisham School	H. A. Jones, Esq.	5	1	0	100	829	32·62	..	..
4.—THAMES—Kennet & c. 224 sq. mi.									
d Hampstead Marshall (Redhill) ..	Mrs. Lewis	5	1	0	400	958	37·71	..	..
d Mortimer (Wokefield Park) ...	A. Palmer, Esq.	5	4	0	220	801	31·52	179	138
d Brimpton (Stonehouse)	F. Hadden, Esq.	5	0	7	350	946	37·25	189	142
Kintbury (Wallingtons)	A. S. Gladstone, Esq.	5	0	9	360	999	39·31	..	..
d Newbury (Greenham Common) ..	H. L. Bowman, Esq., D.Sc.	5	1	0	328	1041	40·98	189	155
d Newbury (Wash Hill)	C. F. B. Marshall, Esq. .	5	1	0	360	1095	43·13	206	154
d Newbury (Andover Road)	J. H. Spackman, Esq.	5	1	0	329	1051	41·39	206	156
d Midgham (The Gables)	J. M. Henry, Esq.	5	1	7	217	932	36·68	193	149
d Woolhampton (Kennet Orley) ..	Mrs. Whidborne	5	0	10	..	860	33·87	173	140
d Upton Nervet Rectory	late Rev. A. E. Brisco Owen	8	1	0	312	898	35·34	209	149
d Shinfield (University Col. Farm)	Prof. W. G. Duffield	5	1	0	201	809	31·87	176	137
d Bucklebury Place	Dr. Carl Langer	5	1	0	409	841	33·12	162	143
d Hungerford (Leverton Manor) ..	B. Crosbie-Hill, Esq.	5	0	8	385	912	35·90	187	138
d Reading W. W. (Bath Road)	L. C. Walker, Esq., C.E. .	5	1	8	218	781	30·75	185	138
d Reading (Forbury Gardens) ...	A. S. Parsons, Esq., C.E. .	5	1	5	145	785	30·92	183	146
d Reading (University College) ..	Prof. W. G. Duffield	5	1	0	153	811	31·91	182	139
Reading (Alexandra Road)	W. Haynes, Esq.	5	1	0	145	848	33·38	191	146
Reading (Caversham Lock)	The Thames Conservancy..	5	1	6	123	785	30·89	184	..
d Lambourn (Clairionville)	F. Gullett, Esq.	5	1	0	500	937	36·88	170	138
5.—THAMES—Ock & c. 319 sq. mi.									
d Reading (Englefield)	J. H. Benyon, Esq.	5	1	1	175	861	33·91	182	153
Hampstead Norris	John Brown, Esq.	5	1	6	300	917	36·09	189	156
d Upton (Manor House)	Miss Fry	5	1	0	240	770	30·32	187	144
d Wantage Vicarage	Rev. A. Gossage Robinson	5	0	9	310	886	34·88	201	145
d Uffington Vicarage	Rev. E. M. Hadow	5	1	0	287	916	36·07	188	140
Steventon (Milton Hill)	R. H. Betteridge, Esq. .	5	1	6	300	840	33·07	..	..
d Wallingford (St. Leonard's R.) ..	Rev. A. Simmons	5	1	0	142	840	33·07	183	139
d Wallingford (Woodlea)	G. F. Slade, Esq., M.B.E..	5	0	9	200	851	33·50	175	143
Wallingford Castle	Miss Hedges	5	1	6	175	857	33·75	..	149
d Abbots Wittenham Rectory ..	Rev. W. F. B. Ward	5	1	0	190	699	27·51	179	131
d Long Wittenham (Willington) ..	H. T. Hewett, Esq.	5	1	0	167	824	32·44	181	152
d Faringdon (The Nurseries)	Messrs. R. Tucker & Sons..	5	1	0	400	889	35·00	191	130
d Abingdon (Twickenham House) ..	G. Saxby, Esq.	5	13	0	210	753	29·65	..	124
d Abingdon (Sewage Works)	Raphael V. Hall, Esq., C.E.	5	0	6	169	726	28·60	..	..
d Abingdon (Donnington)	R. W. Langford, Esq.	5	1	6	196	855	33·64	190	135
d Abingdon (Northcourt House) ..	M. T. Tatham, Esq.	5	1	0	190	752	29·59	175	123

DIVISION III.—SOUTH MIDLAND COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
MIDDLESEX. (Area, 232 sq. mi.)		in.	ft. in.	ft.	mm.	in.		
1.—THAMES—Colne & Brent. 185 sq. mi.								
Weybridge (Shepperton Lock)	Thames Conservancy	5	1 0	41	776	30·56	..	..
d Shepperton (Charlton Court)	Met. Water Board	5	1 0	42	822	32·35	171	145
d Hampton	Met. Water Board	8	1 0	50	797	31·39	175	139
d Hampton	Met. Water Board	5	1 0	27	787	30·97	173	138
d Hampton (The Manor House)	J. Hughes, Esq.	5	2 3	43	745	29·33	163	130
d Staines Reservoir	Met. Water Board	5	1 0	50	831	32·72	199	148
d Twickenham (Sewage Works)	F. W. Pearce, Esq., C.E.	5	1 7	37	809	31·86	177	129
d Hounslow (S. Stephen's Vicarage)	Rev. R. Dixon Box	5	1 0	67	809	31·87	177	137
d Sipson (Hollycroft)	Mr. W. J. Mitchell	5	1 0	94	784	30·87	165	146
d Kew Bridge (Waterworks)	Met. Water Board	5	1 0	36	767	30·18	169	138
d Ealing (Webster Gardens)	Mrs. Hugh Baker	5	1 6	97	754	29·69	169	141
d Ealing (Longfield Avenue)	W. R. Hicks, Esq., C.E.	5	0 9	114	688	27·08	164	128
d Ealing (St. Stephen's Road)	H. W. Peal, Esq.	5	0 10	156	777	30·61	175	139
Hillingdon (Dawley Court)	Cecil De Salis, Esq.	8	0 8	145	852	33·56	..	..
d Ealing (Hanger Hill Reservoir)	Met. Water Board	5	1 0	206	807	31·76	165	144
d Perivale (Northern Sewage Farm)	W. R. Hicks, Esq., C.E.	5	0 5	56	855	33·66	196	157
d Uxbridge (Frays Lodge)	J. C. Hibbert, Esq.	8	1 0	125	895	35·23	207	147
d Willesden Reservoir	Met. Water Board	5	1 0	167	837	32·97	..	..
d Willesden Green (Strode Road)	Miss Lamport	5	1 0	150	849	33·43	205	148
d Willesden (Richmond Avenue)	W. Godden, Esq.	5	6 0	176	962	37·88	185	150
d Willesden (Stonebridge Fm.) (R) F. Wilkinson, Esq., C.E.	10	5 9	100	801	31·54	174	139	
d Sudbury (Station Approach)	L. H. Powers, Esq.	8	1 0	153	797	31·36	184	136
d Golders Green (Dunstan Road)	R. A. S. Mackenzie, Esq.	5	1 0	240	891	35·06	203	145
d Highgate (North Hill)	L. J. Tatham, Esq.	5	1 0	400	876	34·49	181	133
d Highgate (North Hill Depot)	E. J. Lovegrove, Esq., C.E.	5	5 4	309	923	36·34	178	130
d Harrow (Rosebank Avenue)	C. L. Modlen, Esq.	5	1 0	200	787	30·99	194	142
d Harrow (Oakhurst)	Hugh Gardner, Esq.	5	1 0	295	783	30·82	171	143
d Harrow (Bessborough Rd. Depot)	J. P. Bennetts, Esq., C.E.	5	1 0	215	859	33·82	186	142
d Hendon (Sewage Works)	(R) A. O. Knight, Esq., C.E.	6	1 6	153	834	32·82	177	135
d Hendon (Central School)	J. Burgess, Esq.	5	1 0	200	875	34·47	185	139
d Wealdstone (Kodak Works)	Messrs. Kodak, Ltd.	5	6 0	198	741	29·19	..	..
d Wealdstone House	Miss H. O. E. Cobb	5	1 0	236	722	28·44	..	..
Wealdstone	H. Walker, Esq.† . . . . .	..	..	..	809	31·86	196	..
d Pinner (West End Lane)	Mrs. Fowler	5	1 6	165	831	32·70	191	137
d Hatch End (Royston Park)	W. J. Hill, Esq.	5	2 2	286	932	36·71	..	..
Northwood (Tandridge)	Chas. Price, Esq.	5	1 0	..	825	32·49	..	..
d Northwood (Haslemere)	Miss McBean	5	1 0	170	926	36·45	..	132
d Northwood (Ravenswood)	M. T. Allen, Esq.	10	0 10	366	939	36·96	194	139
d Harrow Weald (Hill House)	A. Crossman, Esq.	5	3 6	284	826	32·51	191	139
d Mill Hill (Ridgway House)	Major N. G. Brett-James	5	1 0	375	807	31·77	180	140
Mill Hill (Kingscote)	Mrs. C. Stewart King	5	1 0	400	885	34·83	198	156
d Bushey Heath (Highfield)	W. B. Worthington, Esq., C.E.	5	1 0	503	885	34·84	175	129
d Barnet (Dyrham Park)	Mr. H. Juniper	5	1 0	310	922	36·29	..	..
d Potters Bar (Mount Grace)	Mr. E. W. Halsey	5	1 3	375	901	35·49	180	138
2.—THAMES—Lea. 47 sq. mi.								
d Stroud Green (Oakfield Road)	E. A. Madge, Esq.	5	1 0	206	802	31·56	183	131
d Stroud Green (Mount View Rd.)	L. R. Bennett, Esq.	5	1 0	213	808	31·80	182	131
d Crouch End (Barrington Road)	E. J. Lovegrove, Esq., C.E.	8	3 10	122	912	35·91	197	144
d Tottenham (Drayton Road)	Medical Officer of Health	5	1 3	51	785	30·91	157	131
d Hornsey (High Street)	Met. Water Board	5	1 2	109	858	33·78	183	138
d Muswell Hill (Grand Avenue)	late G. M. Williams, Esq.	5	1 0	317	922	36·31	213	138
Muswell Hill (Leaside Avenue)	Mrs. Sowerby Wallis	5	1 2	315	892	35·13	193	..
d Muswell Hill (St. James' Vicarage)	Miss Abethell	5	0 8	350	905	35·64	198	140
d Muswell Hill (Sewage Farm)	E. J. Lovegrove, Esq., C.E.	8	4 5	214	939	36·95	193	138
d Wood Green (Maryland Road)	Mr. F. C. Hornsey	5	1 0	110	814	32·06	178	134
d Finchley (Victoria Park)	P. T. Harrison, Esq., C.E.	5	1 0	272	896	35·29	192	141
d North Finchley (Rowsley)	Miss M. Shoults	5	0 8	295	877	34·51	190	133
d Palmers Gr. (Broomfield Pk.) (+A) R. Phillips, Esq.,	8	1 3	136	807	31·79	159	128	

† Per "Middlesex and Buckinghamshire Advertiser."

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
MIDDLESEX—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—THAMES—Lea—(con.).									
d Southgate (The Lawns).....	Dr. A. S. Ransome.....	5	1	0	250	907	35·73	199	143
d Ponders End (Bylock Hall)....	H. E. Freir, Esq.....	5	1	0	50	817	32·17	181	142
d Ponders End Pumping Station.	Met. Water Board.....	8	1	0	45	812	31·98	172	137
d Enfield (Southbury Road)....	Met. Water Board.....	5	1	0	223	830	32·68	186	134
d Enfield (Public Offices).....	Dr. W. P. Warren.....	8	43	0	143	830	32·69	211	136
d Enfield (Roselands, Turkey St.)	E. S. Rashleigh, Esq.	5	0	7	80	833	32·80	186	135
HERTFORDSHIRE. (Area, 635 sq. mi.)									
1.—THAMES—Thame. 10 sq. mi.									
d Tring (Danebury).....	Miss Boyson.....	5	1	0	450	999	39·32	180	152
d Tring (Pendley Manor).....	Mrs. J. G. Williams.....	5	2	0	420	832	32·77	181	140
2.—THAMES—Colne & Brent. 199 sq. mi.									
d Northwood (Woodhouse Eaves)	Miss S. F. Fox, M.D.....	5	1	0	400	869	34·20	..	129
d Northwood (Birshaw).....	E. Preedy, Esq.....	5	1	0	400	860	33·85	194	130
d Heronsgate (Sherwood).....	Miss K. Felkin.....	5	0	11	350	962	37·87	188	149
d Bushey Heath (California La.)	Miss K. Cooper.....	5	0	10	500	893	35·16	..	..
d Rickmansworth(Croxley Green)	S. Ingleby Oddie, Esq.....	5	1	0	262	911	35·85	163	147
d Totteridge (West Lodge).....	W. H. Newman, Esq.....	5	1	0	390	875	34·44	193	137
d Barnet (Summerhill).....	F. A. Milne, Esq.....	5	1	0	400	916	36·07	195	142
d Barnet (Bedford Avenue).....	Miss Haines.....	5	1	4	350	945	37·21	208	142
d Barnet (Normandy Avenue)....	P. J. Neville, Esq.....	5	1	0	409	896	35·26	205	134
d Elstree (Aldenharn House)....	Mr. E. Beckett.....	10	4	9	305	902	35·50	..	135
d Watford (Oxhey Grange).....	J. Doyle Penrose, Esq.....	5	1	0	295	853	33·58	176	127
d Watford (Colne Valley W. W.)	C. P. Sinclair, Esq.....	5	1	2	200	881	34·67	180	139
d Watford (Cassibury Pk. Av.)	E. A. Robins, Esq.....	5	1	0	240	843	33·20	182	128
d Watford (Park Road).....	E. J. Slinn, Esq.....	5	1	6	257	802	31·56	190	122
d Watford (Waterworks P.S.)....	D. Waterhouse, Esq.....	10	1	9	243	887	34·90	194	143
d Sarratt (Micklefield Green)....	T. O. Hickman, Esq.....	5	1	0	380	965	38·01	184	146
d Shenley (Kitwells).....	T. H. Riches, Esq.....	5	1	0	420	913	35·94	178	139
d Sarratt (Goldingtons).....	P. Clutterbuck, Esq.....	5	4	0	384	1009	39·71	..	..
d Chipperfield (Little Callipers)	A. W. Rivington, Esq....	5	1	0	407	855	33·68	..	..
d King's Langley (Langley Rise)	T. Goldring, Esq.....	5	1	0	300	875	34·47	181	148
d Hemel Hempstead (Apsley Mills)	Messrs. J. Dickinson & Co.	24	1	4	268	955	37·61	206	150
d St. Albans (Co. Mental Hosp.)	G. Goodchild, Esq.....	5	1	0	295	826	32·52	..	123
d St. Albans (County Museum)...	Mrs. Bullen.....	5	1	0	389	901	35·49	175	141
d St. Albans (Oaklands).....	J. Hunter Smith, Esq.....	5	1	0	272	840	33·06	180	120
d Berkhamsted (Rossway).....	The Lady Hadden.....	5	1	3	590	897	35·32	194	148
d Berkhamsted (Anglefield).....	E. T. Browne, Esq.....	5	1	0	450	996	39·21	193	151
d Berkhamsted Golf Club.....	T. S. Wheeler, Esq.....	8	1	0	550	968	38·12	193	144
d Northchurch (Lochniel Cottage)	Miss L. Constable Curtis..	5	0	11	300	1004	39·51	..	154
d Tring (Cowroast Lock).....	W. Yates, Esq., C.E.	5	3	6	394	943	37·13	178	150
d Harpenden (Rothamsted) (+A)	Lawes Agricultural Trust..	8	0	9	420	863	33·98	198	137
d Harpenden (Rothampsted)....	Lawes Agricultural Trust..	5	0	9	420	859	33·82	..	..
d Harpenden (Rothampsted)....	Lawes Agricultural Trust 72 x 87	0	9	420		927	36·51	..	..
3.—THAMES—Lea. 340 sq. mi.									
d New Barnet (Gas Works).....	J. F. Haseldine, Esq.....	8	1	0	214	1006	39·61	..	..
d Hadley (Hadley Bourne).....	Mrs. Weber.....	5	1	0	428	948	37·31	198	142
d Northaw School.....	C. Steventon, Esq.....	5	1	0	400	910	35·81	179	148
d Cheshunt Yard.....	Met. Water Board.....	5	1	0	100	795	31·29	183	131
d Cheshunt Park.....	Mr. W. Standerwick.....	5	0	9	209	726	28·58	185	124
d Cheshunt (Darnicle Hill P. Stn.)	J. E. Sharpe, Esq.....	5	1	0	250	882	34·71	195	145
d Essendon Place Gardens.....	Mr. E. W. Norton.....	5	2	0	365	886	34·88	180	139
d Hoddesdon (High Street).....	H. F. Hayllar, Esq.....	5	5	0	140	890	35·03	177	144
d Hoddesdon (Feilde's Weir)....	Met. Water Board.....	8	3	8	95	798	31·43	185	144
d Haileybury College.....	B. M. C. Marshall, Esq....	8	1	4	270	868	34·19	190	138
d Hertford (Bayfordbury).....	H. W. Clinton Baker, Esq.	8	1	2	250	802	31·58	190	134
d Stanstead Abbots (Warrax)....	E. H. Barlow, Esq.....	5	1	2	110	888	34·95	176	141
d Gilston Park.....	Mr. J. A. Cook.....	8	1	0	175	808	31·80	213	136

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
HERTFORDSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—THAMES—Lea—(con.)									
Welwyn Garden City.....	Capt. W. E. James, C.E. ..	5	1	0	285	873	34·39	204	139
Hertford (Sewage Works)	Met. Water Board.....	8	1	0	117	819	32·23	204	133
Ware (Red House)	Met. Water Board.....	5	1	0	115	788	31·03	185	130
Ware (Chadwell Spring)	Met. Water Board.....	5	1	0	140	814	32·04	185	128
Hertford (Chapmore End, Sch.) ..	A.L. Brackey, Esq.	5	1	0	210	809	31·87	172	142
Welwyn (Codicote Lodge)	Mr. G. J. Miller	5	1	0	340	834	32·85	..	..
Much Hadham	T. Woodham Mott, Esq. ..	5	1	0	212	789	31·08	189	132
Much Hadham (The Lordship) ..	Capt. W. Glynes Bruty....	5	0	10	203	800	31·48	193	135
Bishop Stortford (Twyford Ho.) ..	Laurie Frere, Esq.	5	0	8	181	798	31·42	215	133
Watton (Frogmore Hall)	Lt. Col. J. B. Gilliatt, D.S.O.	5	0	9	250	778	30·64	..	..
Standon	F. H. Wace, Esq.	5	2	0	375	793	31·22	182	137
Benington House	Miss E. A. Parker	5	1	0	407	826	32·51	198	125
Little Hadham (Hadham Hall) ..	W. Minet, Esq.	5	0	10	338	838	32·98	176	143
Braughing (Hamels Park)	Mr. F. A. Akers	5	1	0	400	857	33·74	191	135
Hitchin (Preston)	R. de V. Pryor, Esq.	8	2	6	484	923	36·36	189	148
Buntingford (Coles)	Mrs. Greg	5	1	0	375	850	33·45	173	134
Weston Park	C. Bolus, Esq.	5	0	10	470	861	33·89	168	144
Furneaux Pelham (The Brewery) ..	G. Warren Bindloss, Esq. ..	5	1	0	300	853	33·58	194	136
Royston (Therfield Rectory) ..	Rev. H. R. Humphreys ..	5	1	0	513	850	33·46	180	138
4.—OUSE. 86 sq. mi.									
Offley (School House)	C. W. Mears, Esq.	5	1	0	526	910	35·81	192	140
Offley Vicarage	Rev. E. P. Gatty	5	1	6	525	893	35·17	179	141
Graveley Rectory	Rev. R. E. C. Walker.....	5	0	10	325	919	36·20	201	148
Hitchin (Newlands)	F. Ransom, Esq.	5	1	0	271	882	34·72	195	137
Hitchin (Chiltern Road) ..(+)A.	Latchmore, Esq.	5	1	0	298	826	32·51	180	133
Hitchin (High Down)	Miss E. Pollard	5	1	1	421	899	35·39	228	141
Letchworth (Roxley Ho. William)	H. Bendixson, Esq.	5	1	6	375	792	31·18	169	129
Letchworth (Sewage Farm) ...	A.W.E. Bullmore, Esq., C.E.	5	1	0	214	795	31·31	164	129
Letchworth (Gernon Road)	A. W. Brunt, Esq.	5	1	0	280	777	30·59	175	134
Holwell Rectory	Rev. J. F. Llewellyn.....	5	0	9	200	863	33·98	..	121
Baldock	Dr. Bertram Suggit	5	1	0	210	790	31·09	184	134
Barley (Dalnyveed)	E. M. Cook, Esq.	5	1	0	300	743	29·26	158	127
Ashwell	Dr. R. E. H. Woodforde ..	5	1	0	175	727	28·63	159	126
Royston (Earlshill House)	J. Phillips, Esq.	8	1	3	225	793	31·24	182	130
BUCKINGHAMSHIRE. (Area, 743 sq. mi.)									
1.—THAMES—Cherwell. 30 sq. mi.									
2.—THAMES—Thame. 158 sq. mi.									
Towersey Vicarage	Rev. H. E. Cooper.....	5	1	0	250	916	36·07	182	152
Ellesborough (The Springs)	J. K. Bateman, Esq.	5	1	2	400	959	37·75	..	..
Little Kimble	Dr. L. T. Burra	5	0	10	370	887	34·94	172	142
Cuddington School	R. Watson, Esq.	5	0	6	292	933	36·73	..	..
Weston Turville (Yaxley Lodge) ..	Miss Morris	5	1	3	335	906	35·66	165	135
Weston Turville	G. Eland, Esq.	5	1	0	320	885	34·86	..	..
Tring (Bulbourne)	W. Yates, Esq., C.E.	5	2	3	396	873	34·39	188	..
Aylesbury (Sewage Works)	W. H. Taylor, Esq.	5	4	6	251	870	34·24	213	160
Bierton (Burcott Cottage)	Col. W. Plomer, C.M.G.	8	1	6	280	920	36·21	174	143
Mentmore Gardens	Mr. D. Wilmshurst	5	1	3	400	910	35·84	..	..
3.—THAMES—Wye & c. 129 sq. mi.									
Eton (Tangier Island)	E. A. Stickland, Esq.	5	0	6	68	866	34·10	193	143
Slough (Upton)	R. Bentley, Esq.	5	2	0	78	819	32·23	208	143
Taplow (Hitcham Grange)	Hon. C. S. Irby	5	0	6	175	793	31·23	170	138
Stoke Poges (Stoke Court)	Mr. F. W. Beevers	8	1	3	196	793	31·22	..	..
Henley-on-Thames (Greenlands) ..	Lord Hambleden	5	1	0	116	960	37·80	182	148
Hedsor	Lord Boston	8	1	0	170	923	36·36	168	149
Bourne End (The Bourne)	A. Morse, Esq.	5	1	0	240	855	33·66	..	..
Marlow (Thames Bank)	S. H. Wright, Esq.	8	2	0	105	931	36·65	218	155
High Wycombe (Flackwell Hth.) ..	E. Dickson Park, Esq.	5	1	10	365	930	36·61	189	148

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
BUCKINGHAMSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—THAMES—Wye & c.—(con.).									
d High Wycombe (Easton St.)	H. S. Wheeler, Esq.	5	0	11	253	989	38·94	208	159
d Penn (Rayners)	Mr. E. Peett	5	1	10	547	995	39·16	196	156
d Penn (Ashwell Manor)	Capt. A. G. Soames	5	1	7	550	948	37·33	211	156
d Hampden House	Earl of Buckinghamshire	5	1	0	695	1052	41·43	192	148
4.—THAMES—Colne. 133 sq. mi.									
d Slough (Ditton Park)	Capt. F. Creagh-Osborne, C.B.	5	3	0	70	901	35·49	173	137
d Slough (Langley)	R. H. Major, Esq.	8	0	10	85	854	33·61	181	137
d Gerrards Cross (Bulstrode Gdns)	Mr. G. Taylor	5	1	6	280	844	33·22	..	138
d High Wycombe (Hazlemere Sch.)	A. J. Chapman, Esq.	5	2	9	568	919	36·20	..	..
d Chalfont St. Giles (Roughw'd Pk)	Thurston Agelasto, Esq.	5	1	0	350	963	37·90	193	148
d Amersham (Rushmead)	Mr. F. Aldridge	5	0	7	550	974	38·33	186	148
d Amersham (The Plantation)	G. Weller, Esq.	8	1	0	464	908	35·74	192	147
d Amersham Common (Stanmore)	W. Garton, Esq.	5	1	0	517	1024	40·31	197	149
d Wendover (Mayortorne Manor)	Miss I. Fry	5	1	0	500	1016	40·01	169	146
5.—OUSE. 293 sq. mi.									
d Oving House	H. Yates Thompson, Esq.	5	1	0	515	1008	39·68	187	146
d Swanbourne House School	L. L. C. Evans, Esq.	5	1	0	411	947	37·27	173	151
d Mursley Hall	Lady Beecham	8	1	0	490	897	35·31	194	136
d Addington (C. of E. School)	J. H. Webster, Esq.	5	0	7	320	793	31·22	170	130
d Buckingham (Market Hill)	A. Pettipher, Esq.	5	1	6	300	822	32·37	188	140
d Stony Stratford (Calverton L.)	Mrs. Hawkins	5	1	8	230	770	30·30	..	..
d Wolverton (St. George's Vic.)	Rev. Canon W. L. Harnett	5	1	0	270	811	31·93	192	137
d Wolverton (Gables Lodge)	J. Forster, Esq.	5	1	0	264	812	31·98	196	145
d Wolverton (Council School)	E. T. Smart, Esq.	5	5	0	263	776	30·55	..	..
d Newport Pagnell (The Croft)	F. Littleboy, Esq.	5	1	9	191	756	29·78	189	133
OXFORDSHIRE. (Area, 756 sq. mi.)									
1.—SEVERN—Upper Avon. 10 sq. mi.									
d Sibford Ferris (Woolman Cottage)	Joshua Lamb, Esq.	5	1	0	570	970	38·20	182	147
2.—THAMES—Windrush & c. 261 sq. mi.									
d Bampton (C.E. School)	E. W. Fry, Esq.	5	1	2	233	914	35·97	..	136
d Witney (Cokethorpe)	Major H. G. Feilden	5	4	6	230	905	35·64	170	153
d Witney (Church Green)	E. S. Fry, Esq.	5	1	0	270	926	36·47	188	152
d Leafeld (Wireless Stn.)	War Office	8	1	0	347	982	38·67	187	148
d Charlbury (Cornbury Park)	Mr. B. Campbell	5	1	0	420	1135	44·68	..	..
d Wootton Rectory	Rev. F. R. Marriott	5	1	0	370	881	34·69	173	140
d Lyneham	R. de M. Pratt, Esq.	5	1	7	351	962	37·88	170	146
d Glympton Park	(r) Lt.-Col. G. H. Barnett	8	2	6	..	1009	39·72	..	138
d Chadlington (Langston House)	Lt.-Col. F. W. Schofield, CMG.	5	1	0	430	915	36·02	177	133
d Chipping Norton (Bungalow)	T. H. Burbidge, Es	5	1	0	700	1013	39·89	179	148
3.—THAMES—Cherwell. 250 sq. m.									
d Nuneham Park Gardens	Mr. A. J. Hines	8	3	0	280	845	33·28	188	136
d Oxford (Hincksey Pumping Sta.)	J. E. Wilkes, Esq., C.E.	8	1	0	187	816	32·13	186	127
d Oxford (Osney Lock)	Thames Conservancy	5	1	6	188	855	33·64	186	..
d Oxford (Magdalen College)	J. J. Manley, Esq.	5	1	0	186	831	32·72	183	130
d Oxford (Radcliffe Observatory)	H. Knox Shaw, Esq.	8	1	8	210	856	33·70	183	131
d Oxford (Northmoor Road)	Miss E. M. Tawney	5	1	0	217	797	31·36	181	133
d Headington (Warneford Asy.)	Dr. A. W. Neill	5	1	0	300	771	30·35	163	129
d Headington (Charlton Lea)	Mr. L. Dawes	5	1	0	300	877	34·51	171	140
d Elsfield (Home Farm)	Miss M. J. Parsons	5	1	0	355	781	30·75	175	132
d Weston-on-Gn. (Weston Manor)	Mr. S. J. Hart	5	1	0	254	880	34·66	178	140
d Middleton Park	The Earl of Jersey	5	2	6	326	907	35·72	180	140
d Steeple Aston (The Grange)	Arthur E. Bradshaw, Esq.	8	1	0	400	944	37·15	202	142
d Steeple Aston (Hill House)	B. S. Ogle, Esq.	5	0	5	406	971	38·23	189	148
d West Adderbury (St. Amand's)	Miss M. M. Bradford	8	1	6	320	911	35·85	..	135
d Adderbury (Cross Hill)	G. H. Norris, Esq.	5	1	1	338	867	34·15	184	138

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

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		Diam.	Height Ground	above Sea Level.	1924			
OXFORDSHIRE—(con.).		in.	ft. in.	ft.	mm.	in.		
3.—THAMES—Cherwell—(con.).								
d Adderbury (The Rookery)	C. C. Bradford, Esq.	8	1 0	323	924	36·38	181	143
d Bodicote House	late J. F. Starkey, Esq.	8	1 0	388	871	34·28	171	137
d Bodicote (C. of E. School)	A. Ridge, Esq.	5	1 0	391	947	37·27	186	144
d Broughton Rectory	Rev. B. W. Bradford	5	1 6	370	939	36·96	180	140
d Wroxton	Hon. Mrs. Fitz Gerald	12	1 6	500	882	34·73	171	133
d Shenington Rectory	Rev. A. Blythman	5	1 3	540	1075	42·32	198	152
4.—THAMES—Thame & c. 210 sq. mi.								
d Caversham (St. Peter's Hill)	Rev. G. V. Proctor	5	1 0	220	823	32·42	183	145
d Caversham (Kidmore End Sch.)	T. F. Higgins, Esq.	5	1 0	330	985	38·79	207	157
d Harpsden (Cray)	B. E. Dunbar Kilburn, Esq.	5	1 0	230	883	34·75	187	147
d Henley-on-Thames (Hart St.)	A. Edward Hobbs, Esq.	5	1 6	110	872	34·33	184	146
d Henley-on-Thames (Greys Lane)	G. Potter, Esq.	5	0 9	123	878	34·56	175	145
d Henley-on-Thames (Greys Gr.)	Mrs. Wolferstan	5	2 0	350	925	36·40	194	149
d Wyfold (Neals Farm)	J. P. Lee, Esq.	5	0 9	540	1024	40·32	..	..
d Ipsden (Hailey)	Glynne Williams, Esq.	5	1 0	350	868	34·19	181	156
d Nettlebed (Joyce Grove)	No. 1 Mr. F. Morby	5	1 0	590	1089	42·87	187	161
d Benson	W. H. Dines, Esq., F.R.S.	5	1 0	186	795	31·30	179	148
d Culham	F. Mitchell, Esq.	5	0 10	180	745	29·34	164	132
d Clifton Hampden (Manor House)	Lord Aldenham	5	1 0	190	780	30·72	176	137
d Watlington (Pyrton Manor)	Major H. Ducat Hamersley	5	1 0	325	864	34·01	186	148
d Wheatfield	A. J. Spencer, Esq.	5	0 8	275	807	31·79	155	134
d Toot Baldon (Potlands)	D. Clinkard, Esq.	5	1 0	288	833	32·79	166	135
d Thame (Tythrop House)	A. W. Smith, Esq.	8	1 2	266	884	34·82	161	137
d Stanton St. John (Woodperry)	Mrs. Thomson	6	1 0	399	905	35·62	154	140
5.—OUSE. 25 sq. mi.								
NORTHAMPTONSHIRE. (Area, 1003 sq. mi.)								
1.—SEVERN—Upper Avon. 60 sq. mi.								
d Winwick Warren	Col. R. H. Ainsworth	8	1 5	648	827	32·58	214	145
d Naseby Reservoir	T. W. Millner, Esq.	5	1 6	519	783	30·81	224	141
2.—THAMES—Cherwell. 77 sq. mi.								
d King's Sutton (Manor House)	G. Morgan, Esq.*	5	1 0	338	887	34·91	..	131
3.—OUSE. 148 sq. mi.								
d Brackley (Waterworks)	T. A. Staniforth	5	1 2	471	875	34·45	..	..
d Brackley House	Major J. Allen	5	1 0	425	917	36·10	199	152
d Hazelborough Woods	Office of Woods	8	1 0	241	815	32·08	180	142
d Silverstone (Council Sch.)	J. P. Osborne, Esq.	5	1 0	400	818	32·22	..	..
d Towcester (Easton Neston)	Sir T. Fermor-Hesketh, Bt.	8	1 0	325	844	33·24	174	136
d Hartwell Vicarage	Rev. C. Ryder-Macnally	5	2 10	410	951	37·44	225	156
d Roade (Council School)	R. W. Janes, Esq.	8	1 0	395	825	32·46	176	137
d Hargrave Hall	C. K. Murchison, Esq.	5	1 0	273	710	27·97	..	..
4.—NENE. 622 sq. mi.								
d Salcey Forest	Office of Woods	8	1 3	370	956	37·65	200	166
d Blisworth (Crieff House)	A. Westley, Esq.	5	1 0	351	819	32·25	189	140
d Blisworth	Dr. D. Jeaffreson	5	1 0	275	796	31·34	180	143
d Blisworth (Grand Junc. Canal)	T. W. Millner, Esq.	5	1 6	300	777	30·59	190	144
d Heyford Manor	Brig.-Gen. J. C. Livingstone-Learmonth	5	1 4	250	756	29·78	172	137
d Castle Ashby	A. R. Searle, Esq.*	5	1 4	230	818	32·21	186	142
d Little Houghton House	Christopher Smyth, Esq.	5	2 3	270	759	29·88	178	136
d Northampton (Dallington Av.)	Major C. A. Markham	5	1 0	265	749	29·48	187	134
d Northampton (General Hosp.)	O. Soden	5	1 1	259	726	28·60	172	127
d Northampton (Mental Hosp.)	W. R. Budgen, Esq.*	8	1 2	398	753	29·63	185	145
d Northampton (Stimpson Avnue)	F. Tomlinson, Esq., C.E.	8	18 0	329	719	28·31	..	..

* Per Northamptonshire Rainfall Association.

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

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		Diam.	Height Ground	above Sea Level.	1924				
NORTHAMPTONSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—NENE—(con.).									
d Northampton (Cheyne Walk) ..	R. H. Primavesi, Esq.* ..	5	8	6	240	754	29·67	200	127
d Daventry (Tunnel End)	T. W. Millner, Esq.....	5	1	6	394	774	30·49	190	141
d Althorp Park	Mr. G. Low*	5	1	3	414	770	30·31	175	135
d Sywell Hall	Brig. Gen. H. E. Stockdale	5	1	0	371	832	32·77	182	139
d Pitsford (Sedgebrook).....	Major C. A. Markham	5	1	0	311	759	29·90	152	133
d Wellingborough (Swanspool) ..	R. S. Henshaw, Esq., C.E.	5	1	0	169	759	29·90	174	135
d Wellingborough (SewageWorks)	R. S. Henshaw, Esq., C.E.	5	1	0	139	750	29·51	173	134
d Wellingborough (Castle St.)....	J. E. Ekins, Esq.	5	4	6	160	735	28·94	173	131
d Wellingboro' (Bushfield W.W.)	R. S. Henshaw, Esq., C.E.	8	0	11	286	713	28·07	183	131
d Watford (Park House).....	W. H. Ashby, Esq.*	9	1	2	380	745	29·32	166	138
d Ravensthorpe Reservoir	F. Tomlinson, Esq., C.E....	8	1	0	370	798	31·43	195	144
d Lamport Hall Gardens	Mr. H. Tyrrell	8	1	0	440	835	32·86	156	140
d Kettering W.W. (Cransley) ...	T. R. Smith, Esq., C.E. ...	8	0	6	275	726	28·57	180	129
d Kettering (Sewage Works)	T. R. Smith, Esq., C.E. ...	8	0	11	199	687	27·06	169	130
d Kettering W.W. (ThorpeMalsor)	T. R. Smith, Esq., C.E. ...	5	0	11	352	725	28·55	191	130
d KetteringW.W. (Clover Hill) ..	T. R. Smith, Esq., C.E. ...	5	0	7	344	716	28·20	167	135
d Kettering (Warkton)	Mr. R. H. Brett.....	5	1	3	275	666	26·21	..	136
d Rothwell (Loddington).....	Mr. J. Oliff.....	5	1	6	400	714	28·11	..	134
d Thrapston (Islip)	G. E. Abbott, Esq.	5	..	..	145	668	26·31	..	..
d Tichmarsh Rectory	Rev. A. M. Luckock*,.....	5	1	0	170	806	31·74	186	141
d Desborough Council School....	Mr. F. H. Grudgings	5	2	6	400	713	28·06	..	..
d Rothwell (Shotwell Mill)	W. T. Lynam, Esq.	5	1	6	340	681	26·80	167	127
d Barnwell (Lilford Hall)	Mr. F. W. Gallop	5	1	0	..	782	30·79	171	138
d Oundle (Milton Road)	J. M. Siddons, Esq., C.E....	5	3	6	131	623	24·54	141	119
d Oundle School	K. Fisher, Esq.	8	1	0	147	626	24·64	175	127
d Peterborough(Westbourne Ho.)	E. H. Colman, Esq.	8	1	0	35	638	25·13	163	120
d Peterborough (Abbeyfields)....	Major J. Shipley Ellis....	5	0	9	49	680	26·78	167	128
d Peterborough (Milton Park)....	Mr. W. D. Green* .....	..	..	..	83	737	29·00	158	124
d Wittering (Whitewater)	E. Betts, Esq.	8	3	0	241	703	27·69	..	..
d Wittering (Bone Mill).....	E. Betts, Esq.	5	3	0	..	657	25·86	..	..
d Eye (Northolm)	S. M. Egar, Esq.	5	1	0	17	622	24·50	170	120
d Eye (Newborough)	R. Williams, Esq.....	5	1	0	8	640	25·21	159	121
5.—WELLAND. 96 sq. mi.									
d Marston Trussell Rectory ..(R)	Rev. J. Knight Law	10	2	9	314	674	26·54	170	134
d Market Harboro' (Dingley Hall)	Mr. H. Crowe.....	5	1	6	400	762	30·00	167	136
d Carlton Park Gardens	Mr. R. W. Thatcher	5	1	1	400	698	27·49	..	..
d Weston-by-Welland	Major N. H. Matthews	5	1	3	254	792	31·17	227	152
d Rockingham Castle Gardens ..	Mr. A. E. Higgott	5	4	0	410	763	30·05	162	138
d Gretton School	W. Leeson, Esq.....	5	1	6	365	607	23·89	162	131
d Market Deeping (Etton)	W. H. A. Court, Esq., C.E.	8	1	0	25	610	24·00	161	116
HUNTINGDONSHIRE. (Area, 366 sq. mi.)									
1.—OUSE. 327 sq. mi.									
Gamlingay (Woodbury H. Gdns)	Major Phipps Foster	5	1	0	220	712	28·02	152	132
d St. Neots (Waresley Park).....	Miss Duncombe	5	0	11	190	737	29·02	165	132
d Fenstanton (Yewhurst)	Capt. F. W. Brooke	5	0	5	40	683	26·87	189	128
d Hemingford Grey (Millview) ...	G. F. Wilson, Esq.	5	1	6	20	672	26·47	159	131
d Brampton (The Lilacs).....	Rev. G. H. Raynor	5	1	0	45	635	25·02	166	126
d Huntingdon (Hinchingsbrke) (R)	Mr. W. Prowting	5	2	0	70	673	26·48	175	133
d St. Ives (Slepe House)	Dr. W. R. Grove	5	1	0	25	707	27·84	153	122
d Catworth (School House).....	J. H. Annet, Esq.	5	0	9	210	718	28·27	178	135
St. Ives (Hiam Farm).....	Mr. E. G. Parsons.....	5	1	1	100	581	22·87	..	..
Whittlesea Mere	Major R. G. Clarke, C.E....	8	1	6	10	620	24·42	154	125
2.—NENE. 39 sq. mi.									

*Per Northamptonshire Rainfall Association

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
BEDFORDSHIRE. (Area, 467 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—THAMES—Colno. 20 sq. mi.									
D Dunstable (Kensworth Vicarage)	Mrs. Little	5	1	3	585	947	37·27	172	142
Luton (Stockwood)	Mrs. E. R. Crawley	5	0	6	539	866	34·09	193	141
2.—THAMES—Lea. 32 sq. mi.									
D Luton (Pumping Station)	J. W. Tomlinson, Esq., C.E.	5	1	0	343	889	34·98	200	132
D Luton (Wardown Park)	J. W. Tomlinson, Esq., C.E.	5	1	0	390	835	32·89	182	131
D Luton (Tennyson Road)	Harold F. Smith, Esq.	5	1	1	530	852	33·54	195	139
D Luton (High Town Road)	Rev. W. F. Hicks	5	2	0	450	878	34·57	197	142
D Luton (The Downs)	G. W. Pryer, Esq.	5	1	0	479	911	35·86	173	150
3.—OUSE. 408 sq. mi.									
D Milton Bryant (Manor House)	C. J. Kilby, Esq.	5	1	0	510	836	32·91	158	140
D Shefford (Stondon Manor)	R. Long, Esq.	5	1	0	241	854	33·61	163	135
D Steppingley	E. Capel, Esq.	5	1	0	350	883	34·77	175	137
D Woburn (Crawley Mill Farm)	A. Blenkinsop, Esq.	8	1	0	292	851	33·53	176	136
D Woburn (Fruit Farm, Ridgmont)	E. J. Hobbs, Esq.	5	1	0	270	885	34·84	170	137
D Stotfold (Three Co. Mental Hos.)	Dr. L. O. Fuller	9	1	0	220	769	30·28	172	124
M Meppershall	K. R. Reynolds, Esq.	5	0	9	235	798	31·43	..	..
D Shefford (Clifton Bury)	A. Inskip, Esq.	5	2	1	150	832	32·74	..	..
D Shefford Council School	G. F. Aldritt, Esq.	5	1	0	134	835	32·88	184	125
D Shefford (Stanford)	H. Inskip, Esq.	5	2	0	90	776	30·54	..	..
Sandy (The Lodge)	Mr. R. Pettifer	5	1	0	200	784	30·86	168	..
D Sandy (Beeston Grange)	Lt.-Col. Maunsell Bowers..	5	1	0	80	709	27·93	169	124
D Bedford (Castle Road)	Miss M. E. Newbery	5	7	0	108	725	28·53	187	136
D Goldington (Castle Mills)	W. H. Rogers, Esq.	5	1	4	90	662	26·07	..	..
D Great Barford House	J. Arnold Whitchurch, Esq.	5	1	0	120	684	26·93	162	122
D Sharnbrook (Castle Close)	L. Stileman-Gibbard, Esq.	5	0	8	210	749	29·49	168	132
D Sharnbrook (Colworth Gardens)	Mr. J. Hoad	5	2	0	250	723	28·46	162	130
4.—NENE. 7 sq. mi.									
CAMBRIDGESHIRE. (Area, 859 sq. mi.)									
1.—STOUR. 17 sq. mi.									
2.—OUSE. 740 sq. mi.									
D Ashwell (Odsey)	Sir Geo. Fordham	5	1	0	256	732	28·81	181	128
D Guilden Morden Vicarage	Rev. Ll. G. S. Price	5	1	0	140	671	26·40	165	117
D Abington Pigotts Rectory	Rev. M. de Courcy-Ireland.	5	1	0	78	691	27·22	160	125
Melbourn (Melbourn Bury)	A. R. Fordham, Esq.	5	1	1	90	735	28·93	196	..
D Bartlow (Shudy Camps)	Miss M. G. Archer	5	0	9	300	729	28·70	163	124
D Meldreth (Chiswick Farm)	A. Howard, Esq.	5	1	1	70	743	29·25	182	134
D Fowlmere (Fruit Farm)	H. F. Smith, Esq.	5	1	0	66	611	24·07	170	108
D Foxton (The Bury)	J. Gifford, Esq.	5	1	0	60	685	26·96	178	124
D Whittlesford (Scots)	Robert Maynard, Esq.	5	0	6	68	728	28·67	186	126
Wimpole Hall	Mr. W. J. Snell	5	1	0	141	683	26·87	179	127
D Shelford (Stapleford House)	J. H. H. Linton, Esq.	5	2	3	64	749	29·50	157	124
D Balsham Rectory	Rev. H. J. E. Burrell	5	1	6	399	697	27·44	170	131
D West Wratting Hall	E. G. Gordon Frost, Esq.	5	1	0	350	757	29·80	175	135
D Grantchester Mill	J. Nutter, Esq.	5	5	0	31	667	26·26	..	..
D Fulbourn (Fleam Dyke)	W. W. Gray, Esq., C.E.	5	1	5	99	667	26·24	157	120
D Fulbourn Pumping Station	W. W. Gray, Esq., C.E.	5	1	0	37	688	27·10	189	123
D Cambridge W.W. (Cherryhinton)	W. W. Gray, Esq., C.E.	5	1	0	35	696	27·39	175	121
Cambridge (Hills Road, South)	Smith Nutter, Esq.	8	0	10	45	729	28·72	..	..
D Cambridge (Sidney Street)	Messrs. W. E. Pain & Sons	8	53	0	83	740	29·14	204	119
D Cambridge (Corporation Store Yd)	Julian Julian, Esq., C.E.	5	1	0	52	689	27·14	165	113
D Cambridge (Tenison Avenue)	W. B. Parsons, Esq.	8	1	2	40	721	28·39	163	119
D Cambridge (Botanic Gardens)	F. G. Preston, Esq.	5	1	0	41	728	28·67	163	115
D Cambridge (Corporation Ppg. St.)	Julian Julian, Esq., C.E.	5	1	0	28	724	28·52	186	111
D Cambridge (University Farm)	C. S. Leaf, Esq.	5	0	10	78	735	28·95	190	123

DIVISION III.—SOUTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924				
CAMBRIDGESHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—OUSE—(con.).									
D Caxton	Dr. E. P. H. Dudley.....	5	1	0	170	740	29·12	149	124
D Boxworth (Manor House)	E. H. Thornhill, Esq.	5	1	0	76	713	28·06	168	116
D Swaffham Prior Vicarage	Rev. L. Fisher	5	1	4	44	711	27·98	194	128
Burwell (Manor House)	R. Stephenson, Esq.	5	2	0	58	692	27·24	167	133
Conington (Conington Hall) ...	Philip T. Gardner, Esq. ..	8	0	5	50	884	34·80	168	126
D Cottenham (Bernard House) ..	Miss Bull	5	1	6	30	722	28·41	175	119
D Fordham (London House)	W. V. Bloom, Esq.	5	1	0	30	625	24·61	137	121
D Stretham Engine	Mr. J. Housley	9	4	9	13	696	27·41	133	111
Stretham (Orchard House) ...	C. Wright, Esq.	8	5	0	42	678	26·69	166	..
d Chatteris (Holwood Farm)	Mr. J. W. Watson	5	1	0	11	631	24·85	..	..
Littleport (Highfield House) ..	H. G. Martin, Esq.	8	2	7	67	626	24·65	144	127
D Chatteris (Aylesby House).....	A. H. Ruston, Esq.....	8	1	0	31	684	26·93	152	125
d Chatteris (The Priory)	H. F. Fryer, Esq.	5	1	0	32	635	25·00	..	117
March	Major R. G. Clark	9	2	0	10	687	27·05	141	126
Upwell (Marmont Priory Lock)	Major R. G. Clark	8	1	1	..	586	23·08	160	127
D Wisbech (Queen's Road)	H. Dann, Esq.	5	7	6	10	661	26·04	155	121
3.—NENE. 102 sq. mi.									
Stanground Sluice	Major R. G. Clark	8	1	6	15	679	26·72	169	131
D Parson Drove (Clows Cross) ...	W. Kingston, Esq.	8	3	0	13	557	21·93	151	116
D Wisbech (Bank House)	Hon. Anna J. Peckover ..	8	0	8	6	667	26·26	172	124

DIVISION IV.—EASTERN COUNTIES.

ESSEX. (Area, 1532 sq. mi.)

1.—THAMES—Lea. 132 sq. mi.												
D	West Ham (Abbey Mills)	.....	London County Council	..	8	0	10	15	705	27·77	165	131
	Leyton (Sewage Works)*	.....	E. H. Essex, Esq., C.E.	..	5	1	0	22	665	26·19	141	113
	Leytonstone (High Road)	.....	Miss G. Lister	.....	5	1	8	100	821	32·32	176	125
D	Lea Bridge (Waterworks)	.....	Met. Water Board	.....	8	0	6	23	744	29·28	153	130
D	Walthamstow (Ferry Lane)	.....	Met. Water Board	.....	8	0	10	30	727	28·63	176	132
	Woodford (Hagger Lane)	.....	Met. Water Board	.....	8	0	8	176	577	22·72	157	121
	Buckhurst Hill Reservoir	.....	Met. Water Board	.....	8	1	7	275	804	31·64	176	138
	Buckhurst Hill (Ardmore)	.....	Miss E. F. Howard	.....	8	1	0	270	803	31·61	171	137
	Chingford (Crescent Road)	....	Miss M. L. Mathieson	....	5	2	9	200	786	30·93	186	130
	Chingford Mill	.....	Met. Water Board	.....	8	0	6	40	765	30·13	180	126
	Loughton (High Beech Res.)	.....	Met. Water Board	.....	8	1	0	376	838	33·00	175	146
	Waltham Abbey (Ramney Marsh)	.....	Met. Water Board	.....	8	1	0	60	814	32·06	177	131
	Waltham Abbey (Pumping Stn.)	.....	Met. Water Board	.....	8	1	3	66	799	31·45	177	130
	Waltham Abbey (Gunpr. Fact.)	.....	The Superintendent	.....	5	2	0	64	720	28·36	..	..
	Hatfield Broad Oak (Barrington)	.....	A. H. Gosling, Esq.	.....	5	0	10	300	881	34·69	210	136
	Bishop Stortford (Hassobury)	.....	Major W. S. Gosling	.....	5	0	10	290	895	35·23	195	..
D	Stansted (Birchalls)	.....	Col. R. Egerton	.....	5	1	0	290	888	34·97	195	149
	Elsenham (Gaunts End)	.....	H. Cotterell, Esq.	.....	5	1	0	363	910	35·83	206	134
D	Stansted (Bentfield Place)	.....	L. D. Gosling, Esq.	.....	..	..	..	300	858	33·79	183	143
2.—THAMES—Roding & c. 316 sq. mi.												
d	Tilbury (Park View Observatry)	.....	S. A. Hill-Willis, Esq., C.E.	.....	5	1	0	6	688	27·08	..	..
	Grays (Stanley Road)	.....	Engineer, U.D.C.	.....	5	3	3	21	792	31·17	153	127
D	Grays Sewage Works	.....	L. D. Holgate, Esq.	.....	8	6	0	9	705	27·77	179	128
D	East Ham (Central Park)	.....	J. G. Banks, Esq.	.....	5	1	0	15	749	29·50	172	122
D	East Ham Well	.....	Met. Water Board	.....	8	1	0	17	735	28·94	166	125
	Ilford Sewage Works	.....	J. Sandford, Esq.	.....	5	1	1	31	702	27·64	160	118
d	Leigh-on-Sea (Harley St.)	.....	Mrs. Elliot	.....	5	0	10	100	717	28·21	..	..
	Leigh (Brick House)	.....	Miss Bentall	.....	5	..	..	..	666	26·23	..	..
D	South Benfleet (Hillside Road)	.....	H. A. Marshall, Esq.	.....	5	1	0	..	772	30·38	171	138
D	Vange Pumping Station	.....	Southend Water Works Co.	.....	5	1	0	43	692	27·23	164	123
D	Pitsea Pumping Station	.....	Southend Water Works Co.	.....	5	1	0	28	694	27·32	167	126

* Formerly called Town Hall.

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
ESSEX—(con.).		in.	ft. in.	ft.	mm.	in.		
2.—THAMES—Roding & c.—(con.).								
d Hornchurch	W. J. Grant, Esq.	8	1 8	46	726	28·57	176	126
d Wanstead (Red Bridge)	Met. Water Board.....	5	2 0	27	671	26·42	159	122
d Manor Park (City of Ldn. Cem.)	Mr. J. D. Robertson	5	0 6	45	665	26·18	..	..
d Havering-atte-Bower (Fernside)	Benjamin Smith, Esq.	5	1 0	341	858	33·77	195	141
d Buckhurst Hill (Princes Road)	A. J. Bull, Esq.	5	1 3	200	773	30·42	177	130
d Ongar (Marden Ash)	W. E. Calver, Esq.	5	1 6	190	807	31·77	170	123
d Ongar (Folyats)	J. M. Newall, Esq.	5	1 3	210	804	31·66	..	..
d North Weald (Canes)	H. W. Hart, Esq.	5	2 0	250	878	34·58	180	143
3.—CROUCH. 186 sq. mi.								
d Shoburyness (New Ranges) ...	The Meteorological Office ..	5	1 0	11	613	24·15	166	118
d Southend (The Cliffs)	E. J. Elford, Esq.	8	1 0	90	637	25·06	179	115
d Southend (Lancaster Gardens)	H. J. G. Ralph, Esq.	5	1 0	78	656	25·83	173	116
d Southend (Water Works)	Southend Water Works Co. .	8	1 0	112	659	25·96	165	118
d Leigh Reservoirs	Southend Water Works Co. .	5	1 0	117	697	27·44	151	122
d Great Wakering	The Meteorological Office ..	5	1 0	9	610	24·00	152	111
d Eastwood Pumping Station ...	Southend Water Works Co. .	8	1 0	50	702	27·65	197	124
d Thundersley Reservoir	Southend Water Works Co. .	5	1 0	277	723	28·48	..	126
d Nevendon Pumping Station ...	Southend Water Works Co. .	5	1 0	43	673	26·48	..	118
d Billericay (Service Tank)	Southend Water Works Co. .	5	1 0	310	731	28·77	158	128
d Billericay (Ramsden Hall)	T. W. Bacon, Esq.	5	0 9	260	801	31·54	183	133
d Wickford (Runwell Hall)	Miss Kemble	5	1 0	75	719	28·29	..	..
d Southminster (Dudswell)	Mrs. H. G. Owen	5	0 10	60	731	28·79	152	123
d Southminster (The New Moor)	E. J. Attenborough, Esq. .	..	..	..	628	24·74	..	110
d Bradwell-on-Sea (Bradwell H.)	J. C. Chillingworth, Esq. ...	5	1 1	27	724	28·51	169	124
4.—BLACKWATER. 425 sq. mi.								
d Shenfield (Cliveden)	Mr. F. Copeman	5	1 0	320	859	33·81	147	124
d Shenfield (The Lodge)	Harcourt P. Landon, Esq. .	5	0 7	305	841	33·12	..	..
d South Hanningfield (Bearmains)	W. Hill, Esq.	8	1 10	220	778	30·64	205	137
d Ingatestone (Fryerning)	A. E. Christy, Esq.	5	1 0	290	802	31·56	184	131
d Danbury Rectory	Rev. J. Bridges Plumptre .	5	1 0	365	754	29·69	178	122
d Woodham Walter Lodge	H. H. Speakman, Esq.	5	1 6	137	774	30·49	..	123
d Writtle (Melbourne)	J. A. Rosling, Esq.	5	0 9	140	787	31·00	199	124
d Chelmsford (County Laboratory)	H. M. McCreath, Esq.	5	1 0	134	790	31·12	176	124
d Chelmsford (High Street)	Miss F. J. Chancellor	8	1 6	98	817	32·15	186	126
d Witham (Wickham Hall)	D. B. Smith, Esq.	5	0 8	60	750	29·51	..	..
d Little Waltham Hall	Miss M. Harrison	8	1 0	190	754	29·70	175	131
d Pleshey Vicarage	Rev. C. H. B. Woodd	8	1 3	..	804	31·65	202	138
d Witham (Faulkbourne Hall) ..	Miss C. L. Parker	5	0 8	100	746	29·36	201	127
d Kelvedon (Lawn House)	F. Randolph-Symmons, Esq. .	5	1 0	96	810	31·90	174	133
d Kelvedon (White Barn)	W. & H. J. Sheldrake, Esqs. .	5	1 5	135	756	29·77	170	124
d Felsted School	J. H. Owen, Esq.	5	1 2	248	787	30·99	174	132
d Little Dunmow Council School	Miss M. A. L. Scott	5	1 0	258	815	32·09	172	119
d Great Dunmow	Messrs. Hasler & Co., Ltd. .	5	1 0	200	781	30·76	169	120
d Rayne (Staneway)	Mrs. Burt	5	1 1	247	804	31·64	168	113
d Pattiswick Hall	Harris Smith, Esq.	5	0 8	200	765	30·10	165	126
d Great Saling (Woolpits)	Mrs. Joseph Smith	5	0 9	284	789	31·05	174	124
d Shalford (Littles)	W. F. Hart, Esq.	5	1 8	260	812	31·98	174	118
d Gt. Bardfield (South Lodge)	A. W. Brunwin, Esq.	5	1 0	250	807	31·78	199	128
5.—COLNE & C. 283 sq. mi.								
d Clacton-on-Sea	Mr. A. W. Shadick	8	1 0	55	651	25·63	173	125
d Great Clacton (Clay Hall)	Philip Smith, Esq.	5	2 0	45	643	25·31	168	122
d Walton-on-the-Naze	The Town Clerk	5	1 0	69	676	26·61	152	125
d Colchester (King's Ford)	Hon. Lady Digby	5	0 10	103	723	28·46	..	127
d Colchester (Maypole Farm) ...	R. P. Blyth, Esq.	5	0 10	112	700	27·56	151	119
d Colchester (Boro' Surveyor's Off.)	H. Collins, Esq., C.E.	8	17 0	82	692	27·24	160	123
d Lexden (Hill House)	S. F. Hurnard, Esq.	5	1 0	90	713	28·05	168	120
d Lexden Rectory	Rev. T. S. Raffles	5	1 4	116	798	31·40	192	140
d Great Bromley (Broughton) ...	W. A. Roberts, Esq.	5	1 0	115	825	32·48	155	126
d Earls Colne (Chalkney House)	H. F. Hills, Esq.	5	1 0	180	791	31·13	153	..

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.						
ESSEX—(con.).		in.	ft.	in.	ft.	mm.	in.			
5.—COLNE & C.—(con.)										
	Halstead (Attwoods)	R. E. Vaizey, Esq.	5	1	0	200	814	32·03	169	127
d	Halstead (The Brewery)	Lt. E. T. Adams, R.N.V.R.	5	1	0	140	793	31·23	164	117
	Gt. Maplestead (Monk's Lodge)	T. F. Miller, Esq.	5	0	9	230	851	33·52	..	..
d	Great Yeldham Hall.	G. A. Goodchild, Esq.	5	2	0	200	793	31·24	180	124
6.—STOUR. 110 sq. mi.										
d	Mistley (The Maltings)	Messrs. W. Brooks & Sons. . . . .	..	..	..	..	784	30·88	184	124
d	Sudbury (Bulmer Lodge)	Miss Burke	5	1	3	202	774	30·46	173	123
7.—OUSE. 80 sq. mi.										
d	Widdington Rectory.	Rev. Jas. W. Court	5	1	6	320	813	31·99	159	121
d	Arkesden (Wood Hall)	late Charles Beadle, Esq.	5	0	9	400	881	34·68	..	126
d	Great Chesterford Mills	E. H. King, Esq.	5	1	0	130	718	28·28	..	..
SUFFOLK. (Area, 1489 sq. mi.)										
1.—STOUR. 271 sq. mi.										
d	Stratford St. Mary Rectory.	Rev. S. C. Calver	5	1	5	..	795	31·31	187	123
d	East Bergholt (Ackworth Ho.)	A. Harwood, Esq.	8	1	6	145	714	28·12	178	127
d	Capel St. Mary School	Bernard B. Taylor, Esq.	5	1	6	156	818	32·21	168	121
	Great Cornard (The Limes)	E. Oliver, Esq.	5	0	9	65	729	28·71	160	119
d	Sudbury (Friars Street)	E. Ransom, Esq.	5	1	7	93	737	29·03	213	124
d	Hadleigh (Pealands)	E. A. Lee, Esq.	5	1	0	185	814	32·03	192	126
d	Waldingfield (Holbrook Hall)	Mrs. St. Leger Glyn	5	4	6	185	747	29·39	186	131
d	Hitcham Rectory	Rev. R. R. Cobbold	5	1	5	255	767	30·18	202	120
d	Hitcham (Loose Hall)	T. A. Harwood, Esq.	5	1	0	275	758	29·85	201	120
d	Hawkedon Rectory	Rev. B. P. Oakes	5	3	4	303	785	30·90	182	131
d	Cockfield Rectory	Rev. Canon Edwin Hill	5	1	0	305	735	28·95	194	122
2.—ORWELL. 166 sq. mi.										
d	Ipswich (Rookwd., Copdock) (+A)	F. L. Bland, Esq.	8	1	0	164	813	32·00	199	121
d	Ipswich (Museum)	F. M. Cullum, Esq.	8	0	10	73	786	30·93	..	125
d	Ipswich (Dale Hall)	Percy Turner, Esq.	8	3	0	138	799	31·45	190	133
	Elmsett (Laurel Cottage)	A. E. Ladbrook, Esq.	5	5	0	210	811	31·95	..	141
d	Nettlestead (High Hall)	A. S. P. White Cooper, Esq.	5	1	6	236	778	30·63	..	124
	Coddenham (Shrubland Park)	Mr. A. C. Horton	5	1	6	162	796	31·35	154	128
d	Haughley (Haughley House)	Major S. H. Creagh	5	1	0	188	676	26·63	159	116
3.—DEBEN & C. 466 sq. mi.										
d	Felixstowe (Wireless Tel. Stat.)	Coastguard Officer.	8	1	6	15	715	28·14	181	129
d	Waldringfield	Major B. R. M. Glossop	8	1	0	70	731	28·79	178	126
d	Woodbridge Abbey	Col. R. J. Carthew	8	1	2	46	795	31·31	211	128
d	Orford (The Gables)	A. E. Rope, Esq.	5	0	8	30	720	28·33	180	128
	Melton (Greylands)	Miss Jervis	5	1	6	50	793	31·22	213	172
d	Melton (St. Audrey's Hospital)	A. F. Philpott, Esq.	8	1	2	74	811	31·93	176	131
d	Melton (Bromeswell Rectory)	Rev. F. Shadwell	5	1	0	35	767	30·20	190	126
d	Rendlesham Hall	Lord Rendlesham	5	1	0	88	685	26·98	174	123
d	Campsea Ashe (High House)	Viscount Ullswater, G.C.B.	8	2	6	60	683	26·88	181	122
	Charsfield (Red House)	Hugh P. Youngman, Esq.	5	1	9	150	818	32·21	..	..
	Helmingham (Bocking Hall)	Mr. W. B. Damant, Esq.	5	1	6	180	841	33·12	190	140
d	Snape (Green Heys)	G. H. Garrett, Esq.	5	1	6	50	787	30·97	184	134
d	Leiston (Lower Abbey)	M. K. Rope, Esq.	5	0	7	30	702	27·65	..	128
d	Halesworth Rectory	Rev. H. C. Newbery	5	1	0	50	807	31·79	199	132
d	Halesworth (Estate Office)	G. W. Stanford, Esq.	5	2	3	120	816	2·11	195	139
d	Wangford (Reydon Grove)	C. P. Runnacles, Esq.	5	1	5	20	693	7·30	181	127
d	Wangford (Ford House)	Hon. Agnes Eden	5	0	10	25	804	1·66	181	133
d	Lowestoft (Mill Road)	Mr. Mark Bean	8	1	1	18	738	9·05	204	143

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with -01 in. or more.	Days with -04 in. or more.
		Diam.	Height Ground	above Sea Level.				
SUFFOLK—(con.).		in.	ft.	in.	ft.	mm.	in.	
4.—YARE & C. 208 sq. mi.								
Horham Rectory	Rev. J. E. Soden.....	5	1	3	175	900	35·45	190 144
d Rumburgh Vicarage	Rev. W. Linton Wilson ..	5	1	0	148	676	26·61	196 117
d Bungay (Flixton Hall)	Sir Shafto Adair, Bart.....	5	1	0	79	726	28·60	188 125
d Lowestoft (Belle Vue Park) ..	C. W. Edwards, Esq.	5	1	0	84	683	26·87	180 124
d Herringfleet (The Gables)	G. H. Wyllys, Esq.	5	0	8	55	777	30·58	202 141
d Lound Rectory	Mrs. Howes	5	1	0	63	785	30·91	200 134
d Lound Pumping Station	Lowestoft Water & Gas. Co.	8	1	0	34	742	29·21	184 140
d Fritton Warren	Major-Gen. R. Upcher, D.S.O.	5	0	8	42	791	31·13	186 143
d Fritton Hall	A. R. Buxton, Esq.	8	0	10	40	769	30·28	201 140
d Yarmouth (Burgh Hall)	H. P. Frederick, Esq.....	5	0	10	45	713	28·06	196 133
5.—OUSE. 378 sq. mi.								
Drinkstone	J. E. Townsend, Esq.	5	3	0	270	807	31·76	.. 121
d Newmarket (Sewage Outfall) ...	W. H. Eley, Esq., C.E.	5	1	0	81	740	29·13	.. 124
d Bury St. Edmunds (Westgate) ..	late R. H. Wilson, Esq.	5	..	..	105	811	31·92	192 137
d Bury St. Edmunds (Northgate St.)	Rev. J. S. Pratt.....	5	1	0	100	738	29·04	170 120
d Bury St. Edmunds (Westley H.)	Mrs. Burrell.....	5	1	0	226	770	30·32	.. 123
d Bury St. Edmunds (Hengrave Hl)	Sir John Wood, Bart., M.P.	5	1	5	85	741	29·16	.. ..
d Fornham St. Martin Rectory ...	Rev. H. Buckton	7	4	0	130	875	34·46	205 127
d Mildenhall	H. R. W. Forster, Esq.	5	1	3	50	702	27·63	184 121
d Elveden Hall	The Earl of Iveagh, K.P....	5	1	0	130	736	28·98	188 126
NORFOLK. (Area, 2044 sq. mi.)								
1.—YARE. 658 sq. mi.								
d Brockdish Rectory	Rev. Wilson W. White....	8	1	1	115	697	27·44	190 117
d Diss (The Cedars)	Dr. H. M. Speirs	5	1	8	108	655	25·79	.. 116
d Pulham St. Mary (Hill House) ..	W. G. Rutter, Esq.	5	1	0	120	782	30·80	229 142
d Denton Rectory	Rev. Canon T. H. Bindley.	5	0	10	50	717	28·24	179 119
d Long Stratton (Gt. Moulton Rec.)	Rev. T. D. Chute	5	1	0	150	815	32·10	158 134
d Beccles (Geldeston)	Miss E. Dowson	5	1	0	37	729	28·72	184 123
d Ditchingham	W. G. Rutter, Esq.	5	1	0	25	765	30·10	184 127
d Beccles (Raveningham Hall) ..	N. H. Bacon, Esq.	8	1	3	60	750	29·53	.. ..
d Spooner Row (Wattlefield Hall)	E. F. Routh Clarke, Esq. ..	5	1	4	165	804	31·66	192 135
d Wymondham (Morley School) ..	T. E. Ormond, Esq.....	8	1	8	152	768	30·24	207 129
d Wymondham	J. B. Pomeroy, Esq.	8	1	3	118	818	32·22	180 133
d Hingham	F. B. Law, Esq.	5	0	6	193	747	29·43	177 128
d Keswick Old Hall	E. Knight, Esq.....	5	1	0	90	811	31·91	216 146
d Gorleston Coastguard Station ..	The Meteorological Office ..	8	1	0	16	694	27·31	185 132
d Yarmouth (Northgate Street) ..	G. W. Hughes, Esq.	5	1	0	7	719	28·30	199 126
d Norwich (Christ Church Rd Eaton)	A. W. Preston, Esq.	5	1	0	98	782	30·77	205 137
d Norwich (Carrow Abbey Gardens)	Miss Colman.....	5	1	3	35	797	31·38	208 144
d Norwich (Ipswich Road)	J. H. Willis, Esq.	5	1	0	110	761	29·94	196 138
d Norwich (Heigham Cemetery) ..	J. R. Everitt, Esq.*	5	3	2	37	777	30·58	178 145
d Thorpe St. Andrew (Thorpehurst)	Capt. J. H. Mander, O.B.E.	5	1	6	45	785	30·92	205 140
d Norwich (Marlingford Hall) ...	Major E. H. Evans-Lombe	5	1	0	50	845	33·27	.. ..
d Sprowston (Oak Lodge)	A. Cozens Hardy, Esq.* ...	5	1	0	100	772	30·39	209 146
d Honingham Hall	A. W. Preston, Esq.	10	4	10	100	726	28·58	214 129
d Drayton Hall	J. H. Walter, Esq.....	5	0	8	..	755	29·71	.. ..
d Swanton Morley Rectory	Rev. G. D. Barry*	5	1	0	105	674	26·55	.. ..
d Bylaugh Park Gardens	Mr. G. Beeton	5	1	0	130	630	24·82	173 131
d Swanington (Heath House) ...	P. Norgate, Esq.	5	1	3	101	640	25·19	202 125
d East Bilney Hall	S. Bircham, Esq.*	5	4	0	140	635	24·98	190 127
d Cawston Rectory	Rev. T. H. Marsh*	5	1	0	120	694	27·34	185 131
2.—YARE—Bure & c. 368 sq. mi.								
d Acle	Miss Davie*	5	0	6	51	765	30·13	209 135
d Yarmouth (Ormesby St. Michael)	Gt. Yarmouth W. W. Co. .	8	1	0	22	764	30·08	213 136
d Hemsby School	R. Cobden Jones, Esq.	5	5	0	25	663	26·10	.. ..

* Per Norfolk Rainfall Organisation.

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
NORFOLK—(con.).		in.	ft. in.	ft.	mm.	in.		
2.—YARE—Bure & c.—(con.).								
d Wroxham House	D. Chisholm, Esq.....	5	1 6	..	713	28·09	..	136
d Coltishall (Manor House).....	F. A. Bainbridge, Esq. ...	5	0 11	20	693	27·28	190	131
d Wroxham (Hoveton Hall)	G. F. Buxton, Esq., C.B. ...	5	3 6	25	751	29·57	192	140
d Barton (Turf Hall)	J. M. Wood, Esq.	8	0 10	40	652	25·67	189	126
d Aylsham (Rippon Hall)	Major H. S. Marsham.....	5	0 7	90	692	27·24	153	129
d Worstead (Frankfort Manor) ..	J. R. W. Pigott, Esq.	5	5 4	50	693	27·27	172	128
d Worstead (Dilham)	Rev. J. A. Laurence*	5	0 8	25	702	27·64	207	134
d Worstead (Lyngate Cottage)(+A)	Miss F. E. Hooper	8	1 0	55	701	27·58	195	138
d Aylsham (Woodgate House) ..	Lt.-Col. J. W. Purdy	5	1 0	100	673	26·49	188	128
d Hindolveston (Church Farm) ..	R. G. Lee, Esq.	5	1 0	..	656	25·81	173	133
d North Walsham (Empson House)	W. S. Horn, Esq.	5	1 0	102	657	25·86	188	129
d Swafield Rectory	Rev. H. Muir.	5	0 10	100	663	26·10	176	132
d North Walsham (Guntton Park)	W. Allan, Esq.*	8	1 6	..	663	26·10	166	141
d Cromer (Northrepps Hall)	Mrs. R. Gurney*	5	1 2	225	704	27·70	203	145
3.—STIFFKEYS & C. 288 sq. mi.								
d Sandringham House Gardens ..	Mr. T. H. Cook	5	0 9	121	726	28·58	221	139
d Walsingham	Rev. Canon J. Blake-Humfrey	5	0 6	54	614	24·19	194	133
d Overstrand (East Terrace)	R. Simpson, Esq.	5	0 11	130	603	23·75	164	126
d Cromer (The Warren)	F. H. Barclay, Esq.	5	1 0	101	631	24·84	165	127
d Langham Episcopi Vicarage ..	Rev. John H. Toy*	5	0 6	139	588	23·15	215	138
d Sheringham Hall	Miss. E. Upcher.	5	0 10	130	548	21·57	170	..
d Sheringham (Skelding)	F. Hall Smith, Esq.	8	1 0	70	587	23·09	183	125
d Blakeney	Mr. R. Lee	5	1 3	29	591	23·28	183	148
d Wells (Holkham Hall)	Earl of Leicester, G.C.V.O.	8	3 6	39	592	23·29	..	..
d Burnham Market	A. W. Preston, Esq. ....	..	..	..	585	23·01	..	..
d Hunstanton	N. B. Belding, Esq.	5	1 1	106	543	21·38	153	113
4.—OUSE & C. 700 sq. mi.								
d E Harling (Garboldishm Mnr)	Mjr E. Wriothsley Denny, D.S.O.	8	1 0	70	795	31·30	194	120
d Thetford (Ford Street Gdns.) ..	Mr. A. Pipe	5	1 0	44	765	30·13	..	118
d Thetford (Kilverstone Hall) ..	Baron Fisher of Kilverstone	8	4 0	70	711	28·01	186	127
d Thetford (Waterworks)	E. S. Greenwood, Esq.	8	1 0	165	720	28·36	191	132
d Attleborough (Quidenham Hall)	Mr. J. Dewhurst.	5	1 0	100	801	31·52	..	123
d Old Buckenham Hall	(R) Mr. P. Leonard.	11	3 0	150	723	28·48	167	120
d Hargham Hall	Sir H. R. Beevor, Bart., M.D.	8	0 9	120	760	29·92	165	129
d Mundford (Lynford)	T. P. Godfrey, Esq.	5	1 0	50	701	27·60	..	..
d Methwold (Agric. Estate)	A. C. Davies, Esq.	5	1 0	90	713	28·06	..	..
d Watton (Merton Hall Gardens)	Mr. G. Barrell.	5	1 0	156	695	27·35	176	128
d Watton	A. A. Gompertz, Esq.	5	1 0	166	783	30·82	186	138
d Downham (Dial House)	Messrs. T. H. Wenn & Co. .	5	1 6	..	606	23·85	..	119
d Downham (High Street)	J. M. Jackson, Esq.	5	1 6	16	594	23·39	..	126
d Outwell (Well Creek Sluice) ..	Major R. G. Clark, C.E.	9	2 6	16	574	22·60	..	..
d Emneth (Inglethorpe Manor) ..	F. M. Bland, Esq.	5	1 0	6	648	25·50	153	128
d Wallington Hall	J. L. Luddington, Esq. ..	5	0 6	58	658	25·92	157	123
d Swaffham (Market Place)	W. H. Plowright, Esq.	5	5 0	250	651	25·63†	157	119
d Swaffham (The Villa)	H. Lee Warner, Esq.	5	0 9	246	709	27·92	174	122
d Swaffham (Homewood)	Messrs. Vynne & Everett, Ltd.	5	2 7	210	744	29·28	155	137
d Sporle	Mrs. Matthews	5	4 0	230	729	28·72	201	127
d Little Dunham (Dunham Cott.)	A. G. Copeman, Esq.*	5	1 1	320	738	29·07	191	131
d Great Dunham (The Rectory) ..	Rev. E. C. S. Upcher	5	1 0	250	707	27·84	184	136
d Beeston (Arden Cottage)	Miss N. Fitzgerald	5	1 0	225	682	26·86	179	128
d Wiggshall (St. Germans Sluice)	Major R. G. Clark, C. E. ...	8	1 6	..	647	25·47	163	137
d East Winch (Holland House) ..	J. C. Cottam, Esq.	5	1 3	55	679	26·73	..	..
d King's Lynn (High Street)	S. S. Burlingham, Esq. ....	..	..	..	624	24·55	189	123
d King's Lynn (Manure Works) ..	J. Brown, Esq.	5	3 10	10	702	27·64	..	..
d Tittleshall	Capt. H. J. Buxton	5	1 6	285	637	25·10	172	135
d Gayton (Waterworks)	J. C. Matthew, Esq.	5	1 0	131	611	24·04	..	123
5.—NENE. 30 sq. mi.								

* Per Norfolk Rainfall Organisation.

† Exposure not orthodox.

DIVISION V.—SOUTH-WESTERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height above Sea Level.	Ground		1924			
WILTSHIRE. (Area, 1375 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—LOWER AVON. 386 sq. mi.									
d Westbury Vicarage	K. E. Alexander, Esq.	5	1	3	181	904	35·60	183	147
d Westbury (Cambridge House) ..	Dr. W. K. A. Richards ...	5	1	0	200	980	38·60	185	145
d Erlestoke Vicarage	Rev. H. S. Travers ...	5	0	6	320	1004	39·53	..	146
Market Lavington (Old House) ..	Miss A. Pleydell Bouverie ..	5	0	9	290	963	37·91	195	156
d Trowbridge (Rood Ashton)	Mr. W. Strugnell ...	8	1	6	250	1098	43·23	199	151
d Bradford (Woodleigh)	A. Scrutton, Esq.	5	2	4	226	1035	40·74	196	153
d Bradford (Winsley Manor)	E. W. Knatchbull, Esq. ...	5	0	6	400	930	36·63	196	149
d Bradford (Manvers House)	Dr. C. E. S. Flemming ...	5	1	6	130	967	38·09	183	146
d Seend (Cleeve House)	(R) W. Heward Bell, Esq. ....	..	1	0	160	961	37·85	201	144
d Seend (Manor Cottage)	Rev. E. Seymour Awdry ...	5	1	0	305	839	33·02	198	144
d Seend (Ferrum Towers)	H. W. Langley Haigh, Esq. ...	8	1	3	250	1006	39·61	195	146
d Holt (The Retreat)	A. V. H. Beaven, Esq.	5	2	6	145	959	37·75	187	147
d Devizes (Wilts Co. Mental Hospl.)	Dr. S. J. Cole	8	2	3	385	971	38·21	..	..
d Devizes (Highclere)	H. W. Green, Esq.	5	1	6	460	999	39·33	199	148
d Devizes (Southbroom Vicarage)	Rev. H. C. B. Lethbridge ..	5	1	5	425	1015	39·97	189	151
Great Chalfield	R. F. Fuller, Esq.	5	1	2	166	1011	39·81	195	153
d South Wraxall Lodge	Mrs. T. H. Baker	5	1	0	214	988	38·89	217	151
d Calne (High Street)	E. W. Brown, Esq.	4	1	0	242	999	39·33	192	139
d Calne (Compton Bassett Gdns.)	J. Howard Jones, Esq.	5	0	10	400	1027	40·44	173	149
d Chippenham (Rowden Hill) ..	Miss A. M. Collen	5	1	4	223	1075	42·34	186	153
Chippenham (Kington Langley)	Mrs. Charles Garnett	8	1	0	270	1175	46·28	..	..
d Wroughton (Basset Down Ho.)	Mrs. Storey Maskelyne	5	1	0	500	1056	41·58	180	139
w Luckington Court	Major A. Johnson-Ferguson ..	5	0	9	400	1011	39·79	..	..
d Malmesbury (Manor House) ..	H. L. Storey, Esq.	8	2	10	330	951	37·43	176	139
d Malmesbury (Easton Grey)	Mr. W. Balcombe	5	3	9	354	1075	42·33	182	147
2.—STOUR. 33 sq. mi.									
d Mere (Charnage)	A. R. White, Esq.	5	1	0	428	1121	44·14	225	171
Mere (Salisbury Street)	F. D. Raymond, Esq.	5	1	0	400	1274	50·16	..	..
d Stourhead	Sir H. H. A. Hoare, Bart. ..	5	1	0	583	1257	49·47	..	..
d Kilmington Rectory	Rev. H. G. Fox-Strangways ..	5	1	6	710	1081	42·54	218	173
3.—EAST AVON. 554 sq. mi.									
d Longford Castle Gardens	The Earl of Radnor	5	1	0	139	1035	40·75	186	151
d Fonthill House Gardens	Hugh Morrison, Esq., M.P. ...	5	1	0	400	1253	49·33	183	156
d Salisbury (Sewage Works)	W. J. Goodwin, Esq., C.E. ...	5	2	2	153	973	38·31	177	137
d Salisbury (Fowlers Hill)	The late Mrs. T. Awdry	5	1	0	225	911	35·87	187	139
d Salisbury (Atherton House) ..	Wilfrid Fletcher, Esq.	5	0	11	250	989	38·95	213	141
d Stratford-sub-Castle (Manor Ho.)	Miss F. Carpenter	5	0	9	165	943	37·13	195	145
d Woodford (Magnolia Cottage) ..	Col. C. P. Deedes	5	1	0	200	959	37·76	178	144
d Porton (W.D. Experimental Stn.)	War Office	5	1	0	363	864	34·00	183	134
d Wylve Rectory	Rev. E. Montagu Parken ..	5	1	8	246	992	39·06	188	141
d Codford (Stockton House Gdns.)	Mr. W. H. Symons	5	1	0	260	1080	42·53	192	155
d Maiden Bradley	The Duke of Somerset	5	1	6	626	1280	50·41	209	177
d Sutton Veny (Greenhill)	Basil R. Hoare, Esq.	5	1	0	300	1080	42·53	172	147
d Heytesbury	Dr. Hammond T. Hinton ..	5	1	7	300	1072	42·19	202	155
d Larkhill (Sch. of Artillery) ..	The Meteorological Office ..	8	1	0	439	894	35·20	186	139
d Salisbury Plain (Chitterne Ho.)	Admiral Charles Napier ..	12	1	0	312	997	39·27	172	150
d Orcheston St. Mary Vicarage ..	Rev. S. C. Winterton	5	0	9	285	951	37·42	186	140
d Chirton Old Manor Farm	Mr. T. Selfe	5	3	0	374	991	39·02	197	152
d Bishops Cannings Vicarage	Mrs. H. H. Mogg	5	1	0	446	966	38·02	184	136
4.—TEST. 77 sq. mi.									
d Landford (Northlands)	Cedric R. Boulton, Esq.	5	1	0	180	985	38·80	174	145
d Ludgershall (Conholt Park) ..	(R) E. A. Wigan, Esq.	8	1	0	800	1033	40·68	173	145
5.—THAMES—Kennet. 169 sq. mi.									
d Marlborough College	W. F. Harling, Esq.	5	1	0	424	1107	43·60	205	149
d Marlborough (Mildenhall)	Rev. Gordon Soames	5	1	0	456	1026	40·41	168	136
d Aldbourne (Upham House)	Mrs. Currie	5	1	2	875	1033	40·69	..	143
6.—THAMES—Cole & c. 156 sq. mi.									
d Chiseldon (Hodson House)	A. Ashford, Esq.	5	0	9	570	984	38·73	172	141
d Swindon	R. R. Ford, Esq.	8	0	11	378	958	37·71	179	141
d Purton (Restrop House)	Col. A. Canning	5	1	3	444	972	38·27	..	..

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
DORSETSHIRE. (Area, 988 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—PARRETT. 61 sq. mi.									
d Evershot (Melbury House)	Mr. R. Rintoul	5	1	6	500	1230	48·41	173	144
d Chedington Court	Sir Henry Peto, Bart.	9	1	0	605	1317	51·87	199	159
d Leigh Vicarage	Rev. T. L. Jenkins	5	0	10	250	1177	46·32	189	160
d Sherborne Castle	Mr. Edwin Hill	5	1	0	195	1111	43·74	217	158
Sherborne (Castleton)	Reading T. Grantham, Esq.	5	1	0	200	1100	43·31	..	..
2.—AXE. 25 sq. mi.									
d Broadwindsor (Blackdown Ho.)	C. E. M. Pinney, Esq.	5	0	9	515	1394	54·87	188	167
d Thorncombe (Greenhill)	A. D. Wilde, Esq.† . . . . .	..	..	..	..	1253	49·31	210	161
Forde Abbey	late Freeman Roper, Esq.	5	0	11	226	1202	47·31	176	148
3.—FROME & C. 502 sq. mi.									
d Portland Bill (New Lighthouse)	The Meteorological Office.	8	1	0	19	862	33·93	163	137
d Portland (H. M. Naval Depot)	W. Young, Esq., C.E.	8	1	6	25	978	38·50	..	..
d Weymouth (Westham)	G. Nicolson, Esq.	5	1	0	20	986	38·83	193	135
d Weymouth (Springfield)	Major J. H. C. Devenish	5	1	3	96	987	38·86	196	146
d Chickerell (Montevideo)	Mrs. N. M. Richardson, O.B.E.	5	1	0	100	970	38·19	211	144
Tyneham House	Mrs. W. H. Bond	8	1	0	255	1026	40·40	176	133
d Corfe Castle (Kingston Vicarage)	Rev. R. A. Bond	5	1	3	452	1046	41·18	191	143
d Corfe Castle (Bucknowle Ho.)	C. Waterston, Esq.	5	1	6	170	1030	40·54	173	136
d Creech Grange	J. W. G. Bond, Esq.	5	1	0	241	1152	45·37	163	144
d Abbotsbury (West Street)	J. C. P. White, Esq.	5	1	6	147	1019	40·10	189	153
d Abbotsbury Castle Gardens	Mr. H. Kempshall	8	1	0	120	1034	40·70	..	..
d Upwey (Higher Well)	R. Davison, Esq., C.E.	8	1	0	290	1261	49·64	..	139
d Wareham (East Holme)	late G. D. Bond, Esq.	5	1	0	23	1103	43·43	175	156
d Wareham (Binnegar Hall)	Mr. J. W. Hayward	5	1	0	65	1068	42·05	184	152
d Wareham (Stockford)	W. Bond, Esq.	8	0	8	50	1120	44·11	195	153
d Wareham (Trigon)	Mrs. L. Sturdy	8	1	4	60	1059	41·69	164	143
d Dorchester (Kingscote)	E. A. Ffooks, Esq.	5	1	0	226	1277	50·27	182	159
d Dorchester Water Works	H. D. Strange, Esq.	8	1	0	315	1235	49·41	199	158
d Dorchester (Wollaston House)	Capt. J. E. Acland	5	1	0	200	1267	49·90	199	156
Dorchester (Birkin House)	Col. W. H. F. Weber, C.M.G., D.S.O.	5	0	0	230	1234	48·58	187	144
d Holton Heath (R.N. Cordite Fac.)	The Superintendent	8	1	0	64	994	39·13	176	145
d Parkstone (Firgrove)	E. N. M. Wadman, Esq.	5	1	0	180	929	36·57	186	141
Parkstone (Combe)	Rev. J. C. Fox	5	0	10	103	1001	39·42	167	141
d Parkstone (St. Osmunds Rd.)	A. D. Stables, Esq.	5	1	3	100	1039	40·92	178	147
d Branksome (Bourne Valley)	P. G. G. Moon, Esq.	8	1	3	84	932	36·70	174	134
d Branksome (Alderney Res.)	P. G. G. Moon, Esq.	8	1	3	213	920	36·22	..	159
d Broadstone (Sewage Works)	T. Wick, Esq.	5	1	7	26	958	37·70	186	137
Lyme Regis (Horn Bridge)	E. T. Stoward, Esq.	5	1	0	100	1191	46·87	195	158
d Lyme Regis (Boat Close)	Henry Ellis, Esq.	5	1	3	495	1188	46·77	202	154
d Lyme Regis (Rotherfield)	Rev. E. J. Synge	5	0	8	145	1207	47·53	225	166
d Lyme Regis (Overton)	C. Wanklyn, Esq.	5	3	0	400	1129	44·44	227	156
Lyme Regis (Evington)	J. E. Hewitt, Esq.	5	0	9	300	1159	45·63	193	159
d Lyme Regis (Highcliff)	Miss G. Lister	5	1	3	330	1087	42·79	189	155
d Bridport (Coneygar)	H. Gordon, Esq., C.E.	5	1	0	110	1258	49·51	..	..
d Tolpuddle Parsonage	Rev. Harold R. Long	5	0	6	100	1137	44·76	190	154
d Puddletown Vicarage	Rev. A. R. Helps	5	2	8	195	1173	46·16	181	161
d Bere Regis (Barrow Hill)	Mr. A. E. Lucas	5	1	0	120	1153	45·38	189	148
d Bere Regis (Bloxworth House)	F. G. A. Lane, Esq.	5	1	6	118	1173	46·16	193	149
d Wynford House	Col. Lord Wynford, D.S.O.	5	1	0	410	1469	57·84	200	170
d Netherbury (The Chantry)	Col. H. L. Kitson	5	1	0	150	1264	49·75	194	159
d Beaminstor (Hamilton Lodge)	Fiennes Trotman, Esq.	5	1	0	210	1339	52·71	206	165
Milton Abbas (Milton Abbey)	Mr. C. H. Perkins	5	0	10	333	1254	49·37	194	..
4.—STOUR. 388 sq. mi.									
d Kinson (Eglington)	W. C. Keevil, Esq.	5	0	6	45	1040	40·94	205	157
d Wimborne (Corfe Mullen W. W.)	G. V. Sparrow, Esq., C.E.	5	1	0	81	1046	41·17	183	151
d Wimborne (Corfe Mullen, For. H.)	E. Philip Belben, Esq.	8	2	0	300	1015	39·94	203	155
d Winterbourne Whitchurch Vic.	Rev. H. H. Tilney Bassett	8	0	6	241	1182	46·53	..	156
d Sturminster Marshall (Baillie Ho.)	Rev. J. Cross	5	1	0	85	1125	44·30	192	151

† Per Mid-Wessex Rainfall Association.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
DORSETSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—STOUR—(con.).									
d Wimborne (Codford House)	G. H. Batterbury, Esq., M.D.	5	0	9	69	1090	42·91	225	146
d Blandford (Bryanston Gardens)	Mr. J. Jaques	5	1	0	155	1349	53·12	183	177
d Turnworth	Lt.-Col. W. Parry Okeden	5	1	0	473	1245	49·03	203	162
d Holwell (Westrow House)	W. Warry, Esq.	5	1	0	252	1071	42·15	181	151
d Wimborne St. Giles (St. Giles Ho.)	The Earl of Shaftesbury, K.P.	5	1	6	165	1127	44·37	193	152
d Gussage St. Michael Manor	Mrs. Good	5	1	4	201	1143	44·99	187	150
d Iwerne Courtney Rectory	Rev. R. H. Gundry	5	1	2	200	1173	46·18	198	164
d Fontmell Magna (Glebe Cottage)	Dr. J. Appleyard	8	1	8	300	954	37·55	179	146
d Handley (W. Woodyates Man.)	F. B. Eastwood, Esq.	5	1	0	368	1055	41·55	..	..
d Shaftesbury	G. P. Barter, Esq.	5	1	0	722	1001	39·41	207	159
d East Stour (Homestead)	C. E. Davies, Esq.	8	1	0	330	1046	41·17	214	151
d Bourton	B. P. Bartlett, Esq.*	5	1	4	353	1151	45·32	210	163
5.—EAST AVON. 12 sq. mi.									
SOUTH DEVONSHIRE. (Area, 1707 sq. mi.)									
1.—PARRETT. 7 sq. mi.									
2.—TAMAR & C. 395 sq. mi.									
d Plymouth (Boveysand Lodge)	Rev. J. F. Case	5	1	6	75	1370	53·93	190	170
d Plymouth (Cattewater)	(+A) The Meteorological Office	8	1	0	82	1271	50·05§	207	168
d Plymouth (The Hoe)	(+A) H. Victor Prigg, Esq., C.E.	8	1	0	117	1165	45·88	210	167
d Plymouth (Drake's Reservoir)	F. Howarth, Esq., C.E.	5	1	0	149	1388	54·63	191	167
d Plymouth (Freedom Park)	(+A) H. Victor Prigg, Esq., C.E.	8	1	0	208	1452	57·17	203	178
d Devonport (Rowdens Res.)	F. Howarth, Esq., C.E.	5	1	0	201	1321	52·02	209	174
d Plymouth (Hartley Reservoir)	F. Howarth, Esq., C.E.	5	1	0	321	1516	59·70	217	177
d Bickley (Roborough Reservoir)	F. Howarth, Esq., C.E.	5	1	0	548	1691	66·58	234	184
d Lee Moor Clay Works	R. Martin, Esq.	8	1	0	900	2086	82·12	..	195
d Yelverton (Oakfield)	H. Edgcombe, Esq.	5	1	0	535	1775	69·89	221	185
d Bere Alston (Rumleigh)	Sir A. W. Croft, K.C.I.E.	5	1	6	125	1552	61·12	244	180
d Sheepstor (Red Stone)	F. Howarth, Esq., C.E.	5	1	0	763	2039	80·28	232	193
d Sheepstor (Burrator)	F. Howarth, Esq., C.E.	5	1	0	755	2087	82·17	231	196
d Sheepstor (Head Weir)	F. Howarth, Esq., C.E.	5	1	0	720	2039	80·28	231	195
d Dousland Reservoir	F. Howarth, Esq., C.E.	5	1	0	721	1775	69·90	227	191
d Dartmoor (Deancombe Farm)	F. Howarth, Esq., C.E.	5	1	0	807	2151	84·70	..	..
d Dartmoor (Lowery)	F. Howarth, Esq., C.E.	5	1	0	899	2070	81·49	230	198
d Dartmoor (Leather Tor Farm)	F. Howarth, Esq., C.E.	5	1	0	910	2045	80·51	..	..
d Dartmoor (Siwards Cross)	F. Howarth, Esq., C.E.	5	1	0	1074	2475	97·45	..	..
d Whitchurch (Grenofen)	H. Chichester, Esq.	5	1	2	325	1581	62·24	227	186
d Whitchurch (Ashleigh)	Col. G. H. Bittleston	5	0	9	500	1634	64·34	232	188
d Whitchurch (Langstone)	Col. H. F. Coleridge, C.B.E.	5	1	0	700	1767	69·57	217	186
d Whitchurch (Ashbrook)	late Rev. H. B. Grylls	5	1	0	400	1597	62·87	217	182
d Tavistock	W. J. Monk, Esq.	5	1	0	457	1597	62·87	227	185
d Tavistock (The Library)	J. Spurway, Esq.	8	20	0	282	1446	56·94	221	185
d Dartmoor (Double Waters)	F. Howarth, Esq., C.E.	5	1	0	1270	2121	83·51	..	..
d Dartmoor (N. Hessary Tor)	F. Howarth, Esq., C.E.	5	1	0	1502	2118	83·38	..	..
d Mary-Tavy (Blackdown)	H. K. G. Rogers, Esq.	5	1	0	846	1804	71·04	232	205
d Lifton (Kelly House)	Rev. Maitland Kelly	8	2	6	462	1453	57·19	210	189
d Coryton Manor	W. H. Blatchford, Esq.	5	1	2	450	1420	55·91	..	..
d Lew Down (Coombe Trenchard)	H. M. Sperling, Esq.	5	1	0	450	1354	53·31	213	182
d Launceston (Polapit Tamar)	R. C. Coode, Esq.	5	1	0	315	1272	50·07	221	183
d Ashwater Rectory	Rev. G. D. Melhuish	5	1	0	500	1307	51·44	200	..
3.—ERM & C. 217 sq. mi.									
d Salcombe (Blackstone Lodge)	W. J. Shaw, Esq.	5	1	6	280	1306	51·41	205	170
d Salcombe	J. G. Howard, Esq.	5	0	10	40	1294	50·95	206	175
d Kingsbridge (Bank House)	W. H. Skinner, Esq.	5	5	0	60	1368	53·86	183	153

† Per Mid-Wessex Rainfall Association.

§ Exposure not orthodox.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924				
SOUTH DEVONSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—ERME & C.—(con.).									
d East Allington (Fallapit Gdns.)	Lord Ashcombe	5	1	0	327	1672	65·81	..	173
d Yealmpton (Torr)	Miss M. Wimbush	5	0	11	100	1428	56·21	216	170
d Ermington (Strode)	Capt. H. Gore Hawker	5	1	0	75	1579	62·16	214	172
d Ivybridge (Filham House)	H. Alger, Esq.	5	1	0	162	1662	65·43	212	179
d Wrangaton (Plymouth M. Hos.)	H. Victor Prigg, Esq., C.E.	5	1	0	608	1745	68·69	220	179
d South Brent (Great Aish)	Miss Kingwell	5	1	0	500	2151	84·69	227	190
d South Brent (Badworthy)	T. W. Latham, Esq.	5	1	6	550	2317	91·22	..	..
4.—DART. 197 sq. mi.									
d Churston Ferrers (Greenway)	Mrs. C. Williams	5	0	10	..	1508	59·38	187	167
d Brixham (Combe Bank)	H. Clayton, Esq.	5	6	6	115	1355	53·34	205	162
d Ashprington (Myrtle Cottage)	G. H. Beecheno, Esq.	5	1	0	250	1365	53·76	184	160
d Waddeton Court	Sir A. L. Goodson, Bart.	5	1	0	175	1414	55·67	195	166
d Totnes (Dundridge Gardens)	Mr. C. H. Cole	5	1	0	252	1788	70·40	..	163
d Paignton (Queen's Park)	C. Bellinger, Esq.	8	1	0	11	1180	46·45	193	151
d Paignton (Torquay Road)	H. Le B. Gunner, Esq.	5	1	0	10	1225	48·22	203	155
d Paignton Vicarage	Rev. H. M. Drake	5	1	0	45	1264	49·77	189	154
d Paignton (Claylands)	G. M. Rosling, Esq.	8	1	2	150	1342	52·84	197	158
d Totnes (Bridgetown Manse)	Rev. T. E. Soddy*	..	..	..	..	1666	65·60	..	..
d Totnes (Berry Pomeroy)	C. Barran, Esq.	5	1	0	185	1487	58·53	195	168
d Totnes (Staverton)	J. A. Devenish, Esq.	5	0	11	50	1475	58·06	187	155
d Ipplepen Vicarage	Rev. R. D. Cooke	5	1	0	266	1372	54·00	181	166
d Buckfastleigh (Council School)	H. J. Jeffrey, Esq.	5	1	0	200	2243	88·32	..	..
d Holne (Church Park Cottage)	L. W. Frost, Esq.	5	1	6	620	2220	87·41	218	186
d Ashburton (Orchard Mount)	J. F. Scarlett, Esq.	5	1	0	300	1687	66·41	209	179
d Ashburton (Druid House)	J. S. Amery, Esq.	5	1	0	584	1818	71·60	223	188
d Ashburton (Leusdon Lodge)	Col. S. R. A. Hankey	5	0	7	800	1881	74·06	226	201
d Princetown (Huccaby House)	Major H. H. Joll, D.S.O.	5	1	6	900	1880	74·03	214	196
w Dartmoor (Cowsic Valley)	F. Howarth, Esq., C.E.	8	1	6	1352	2137	84·15	..	..
m Dartmoor (Black Dunghill) No. 5	F. Howarth, Esq., C.E.	8	1	0	1590	1626	64·00†	..	..
m Dartmoor (Beardown Tor) No. 3	F. Howarth, Esq., C.E.	8	1	0	1550	1640	64·55†	..	..
m Dartmoor (White Tor) No. 1	F. Howarth, Esq., C.E.	8	1	0	1640	1580	62·20†	..	..
m Dartmoor (Devil's Tor) No. 2	F. Howarth, Esq., C.E.	8	1	0	1785	1747	68·80†	..	..
m Dartmoor (Cowsic Head) No. 4	F. Howarth, Esq., C.E.	8	1	0	1580	2033	80·05	..	..
5.—TEIGN. 209 sq. mi.									
d Marlton (Springfield)	Rev. W. Head	5	6	0	465	1226	48·28	209	153
d Torquay (Cary Green)	G. E. Body, Esq.	5	1	0	12	1116	43·94	192	146
d Torquay (Merton Lodge)	Miss Brown	5	1	0	250	1068	42·03	197	152
d Torquay (Abbey Road)	Henry Brown, Esq.	5	1	0	125	1167	45·95	193	153
d Torquay (Lower Warberry)	G. P. Hope, Esq.	5	1	1	220	1170	46·06	203	158
d Newton Abbot (The Chestnuts)	E. D. Wylie, Esq.	5	0	5	100	1265	49·79	211	174
d Newton Abbot (St. Paul's Rd.)	Mr. Underdown†	..	..	..	220	1221	48·08	204	..
d Newton Abbot (Seale Hayne Coll.)	C. T. Mackintosh, Esq.	5	1	0	350	1221	48·08	196	161
d Teignmouth (Bonnicliff)	Miss Horner	..	..	..	..	1181	46·50	189	..
d Teignmouth (Den Gardens)	G. Rossiter, Esq.	8	1	6	20	1125	44·30	195	150
d Teignmouth (Hazledown Res.)	G. Rossiter, Esq.	8	2	0	425	1207	47·52	193	164
d Teignmouth (Shaldon Res.)	G. Rossiter, Esq.	5	1	0	218	1268	49·93	185	155
d Teignmouth (Landscape Res.)	G. Rossiter, Esq.	8	1	0	133	1184	46·60	193	157
d Teignmouth (The Shrubbery)	E. A. Norton, Esq.	8	1	0	275	1181	46·49	215	163
d Ilshington	Miss E. Willcocks	5	3	0	650	1726	67·97	214	177
d Dawlish (The Lawn)	S. F. C. Churchward, Esq.	5	1	0	18	1149	45·25	208	167
d Dawlish (Luscombe Castle)	Peter Hoare, Esq.	8	1	2	175	1318	51·90	220	167
d Bovey Tracey (Hedgebarton)	S. C. Chapman, Esq., C.E.	5	1	0	1137	1898	74·74	223	187
w Ashcombe (Thorns Reservoir)	S. F. C. Churchward, Esq.	5	1	0	550	1289	50·74	..	..
d Lustleigh (Rockmead)	Rev. W. A. Jones	5	1	0	300	1578	62·12	203	173
d Moretonhampstead (Bullaton)	S. C. Chapman, Esq., C.E.	8	1	0	928	1383	54·45	229	181
d Moretonhampstead (Mardon)	S. C. Chapman, Esq., C.E.	8	1	0	835	1278	50·30	228	174
d North Bovey (Manor House)	Mr. J. G. Laurence	5	1	0	700	1621	63·82	222	..
d Christow (Kennick)	S. C. Chapman, Esq., C.E.	8	1	0	836	1440	56·70	233	177

* Per Totnes Times. † Per Cornwall Rainfall Association. ‡ Gauge over-exposed on moor.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
SOUTH DEVONSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.	
5.—TEIGN—(con.).								
d Christow (Smithacott)	S. C. Chapman, Esq., C.E..	8	1	0	861	1269	49·95	231 173
d Moretonhampstead (Stinhall)	S. C. Chapman, Esq., C.E..	5	1	6	844	1721	67·74	204 187
m Moretonhampstead (Blickngstne)	S. C. Chapman, Esq., C.E..	8	1	0	1158	1266	49·83	.. ..
d Christow (Laployd)	S. C. Chapman, Esq., C.E..	5	1	6	1041	1508	59·37	229 180
d Moretonhampstead Rectory(+A)	Rev. S. D. Dewey	5	1	5	601	1322	52·05	221 167
d Chagford (Thornworthy)	H. B. Varwell, Esq.	5	1	0	1150	1579	62·15	235 193
d Chagford (Huish)	Col. P. Hart Dyke	5	1	0	595	1544	60·78	226 177
6.—EXE. 445 sq. mi.								
Exmouth (Douglas Avenue)	Mrs. S. G. Gillum	5	0	10	80	980	38·59	189 141
d Exmouth (Nidderdale)	Mrs. Herbert Stewart	5	1	0	51	1011	39·79	203 141
d Exmouth (Highfield House)	Mrs. Thornycroft	5	2	4	..	1048	41·27	192 153
d Exmouth (Hilby House)	Rev. F. S. Stooke-Vaughan	5	1	0	70	1026	40·38	204 150
d Exmouth	S. Hutton, Esq., C.E.	5	1	0	..	1020	40·17	192 143
d Exmouth (Filters, Salterton Rd.)	S. Hutton, Esq., C.E.	8	8	6	195	1093	43·05	215 154
d Exmouth (Filters, Capel Lane)	S. Hutton, Esq., C.E.	5	8	0	240	1089	42·89	209 148
d Starcross	H. Falkner, Esq. . . . .	..	..	..	..	1090	42·90	198 154
d Kenton	E. J. Pitt, Esq.	5	1	0	85	1182	46·55	179 154
d Lympstone (Manor House)	Gilbert Sheldon, Esq.	5	0	8	54	1103	43·44	207 147
d Lympstone (Mussel Purifn. Sn.)	The Director	8	..	..	4	1099	43·27	.. ..
d Topsham (Ebbford)	Lt.-Col. B. W. Bogle	5	1	0	55	1088	42·82	186 151
d Topsham (Altamira)	Mrs. Wimbush	5	0	9	120	1064	41·88	.. ..
d Exeter (Hatfield, Longdown)	C. Holman, Esq.	5	0	10	450	1127	44·39	187 149
d Aylesbeare (Rosamondford)	A. T. Loram, Esq.	5	0	6	220	1072	42·21	.. ..
d Exeter (Devon & Exeter Inst.)	J. E. Coombes, Esq.	5	13	7	155	1018	40·07	190 155
d Exeter (The Close)	The Ven. Arch. J.N. Leeke	5	1	2	120	1065	41·92	198 150
d Exeter (The Close)	Rev. Canon D. McLaren	5	1	0	120	1053	41·45	187 149
d Exeter (Hele's School)	S. H. Cair, Esq.	8	7	0	137	1085	42·73	209 158
d Rockbeare Manor	Lt.Col. H. Spencer Follett	5	1	0	185	1035	40·73	197 164
d Broad Clyst (Brockhill)	Mrs. Bayne	5	1	0	80	969	38·15	210 151
d Whimble (Ousley)	Rev. A. A. Sanders	5	1	0	230	1055	41·53	.. ..
d Crediton (Hookway)	A. F. Parbury, Esq.	5	1	0	151	1085	42·70	204 161
d Crediton (Ship Hotel)	R. Stanley Clarke, Esq.	8	1	2	150	1091	42·94	213 160
d Crediton (Palace Cottage)	Dr. G. Rice	5	2	2	120	1063	41·83	222 156
d Silvertown (Killerton)	Mr. J. Wilson	5	1	0	161	969	38·17	.. ..
d Crediton (Okefield)	Seymour F. Pope, Esq.	5	0	9	325	994	39·14	214 153
d Coplestone (Coplestone House)	Miss Pope	5	0	11	315	1111	43·72	220 162
d Bradninch (Dunmore House)	Miss H. R. Hepburn	5	1	0	300	1131	44·51	185 155
d Cullompton	Murray T. Foster, Esq.	5	1	0	202	1202	47·31	211 163
d Tiverton (St. Aubyn's Park)	F. C. Fox-Strangways, Esq.	5	1	0	394	1271	50·04	217 171
d Tiverton (St. Peter Street)	Miss Gill	5	6	0	270	1264	49·76	216 167
d Tiverton (Fore Street)	G. Rossiter, Esq.	5	1	3	235	1278	50·32	218 174
d Tiverton (Hartnolls)	Maj.-Gen. F. A. Bowles, C.B.	5	1	4	226	1278	50·31	218 172
d Tiverton (Alstree, Halburton)	Miss M. G. Izat	5	1	0	240	1397	54·99	221 173
d Tiverton (Lythecourt)	A. L. Sadler, Esq.	5	0	8	230	1331	52·38	197 174
d Hemyock (Windlehurst)	Sir Arthur Tedder, C.B.	5	1	0	750	1262	49·69	218 175
7.—AXE & C. 237 sq. mi.								
d Budleigh Salterton (Lindenwd)	Lt.-Col. J. H. Hamersley	5	1	0	120	1118	44·03	194 148
d Budleigh Salterton (Squabmoor)	S. Hutton, Esq., C.E.	5	1	0	267	1152	45·35	.. ..
d East Budleigh (Bicton Gards)	Mr. E. H. High	5	1	0	90	1107	43·58	184 156
d East Budleigh (Bicton Common)	S. Hutton, Esq., C.E.	5	1	0	300	1169	46·04	.. ..
d Sidmouth (Sidmount)	Miss C. M. Radford	5	1	0	149	1126	44·33	200 159
d Sidmouth (Sidmount)	Miss C. M. Radford	5	1	0	186	1151	45·32	200 157
d Sidmouth (Winslade Cottage)	Miss G. Collins	5	1	0	145	1234	48·60	.. ..
d Sidmouth (Salcombe Regis)	J. W. B. Unwin, Esq.	5	0	10	340	1167	45·93	200 165
d Seaton (Pendeen)	Rev. A. H. Skipper	5	1	6	70	1163	45·79	205 160
d Seaton (The Copse)	H. J. Roberts, Esq.	5	1	0	220	1178	46·39	214 163
d Lyme Regis (Pinbay)	Mr. W. F. Shillabeer	5	1	11	465	1166	45·90	192 157
d Lyme Regis (Ware)	A. J. Woodroffe, Esq.	5	0	10	318	1178	46·37	222 161
d Ottery St. Mary (West Hill)	B. Stansbury, Esq.	5	1	6	340	1165	45·88	210 167
d Ottery St. Mary (Ridgeway Ho.)	Mrs. Gawne	5	1	0	190	1059	41·70	.. ..

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SOUTH DEVONSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
7.—AXE & C.—(con.).									
D Kilminster (Haddon Corner)	A. Hitchcock, Esq.	5	1	0	400	1250	49·21	207	160
M Kilminster (Summerleaze)	A. Hitchcock, Esq.	5	1	0	82	1228	48·34	..	..
Axminster (Lea Combe House)	Major A. C. F. Luttrell	5	2	0	170	1350	53·14	..	158
D Honiton (Beech Grove)	Major A. T. Baker	5	0	10	340	1243	48·94	190	159
D Axminster (Coaxdon Hall)	Dr. Cecil Woodhouse	5	1	0	165	1222	48·10	190	153
D Membury (Yarty House)	Major W. H. Wilkin	5	1	0	245	1122	44·19	190	147
D Membury (Green Down)	James Lee, Esq.	5	1	0	500	1334	52·53	191	163
D Stockland (The Library)	R. T. Watkin-Williams, Esq.	5	3	0	350	1327	52·25	176	163
NORTH DEVONSHIRE. (Area, 898 sq. mi.).									
1.—NORTH COAST STREAMS. 77 sq. mi.									
D Woolacombe (Hotel Grounds)	R. W. Hansford, Esq.	5	1	0	60	936	36·84	203	170
D Morthoe (Twitchen House)	Col. R. Longstaff, D.S.O.	8	1	0	430	1119	44·07	210	179
D Ilfracombe (Reservoir)	A. J. Westaway, Esq., C.E.	5	1	0	395	1364	53·70	224	188
D Ilfracombe (Langleigh)	H. B. Holland, Esq.	5	1	0	127	1272	50·08	198	173
D Ilfracombe (Ropery Meadow)*	A. J. Westaway, Esq., C.E.	5	1	0	74	1028	40·48	186	149
D Martinhoe Rectory	Rev. R. W. Oldham	5	2	3	808	1370	53·95	201	168
D Lynmouth (Gwynallt)	W. H. Northcott Esq.	8	0	8	284	1441	56·74	210	170
2.—TAW. 442 sq. mi.									
Spreyton (Lyndenes)	Lt. Col. J. Simpson	5	1	0	655	1203	47·38	..	..
D Chulmleigh (Leigh House)	Mr. W. Gillies	5	1	0	350	1101	43·34	193	161
D Witheridge	H. J. Mansfield, Esq.	5	1	2	600	1350	53·16	193	176
D Burrington (Kingford)	J. S. C. Davis, Esq.	5	1	0	135	952	37·47	215	161
D South Molton (Langdon House)	H. J. Amy, Esq.	5	1	0	435	1362	53·61	198	179
D East Anstey (Rhyll Manor)	Mrs. Hancock	5	1	6	850	1384	54·49	194	174
D Filleigh (Castle Hill Gardens)	The Countess Fortescue	12	4	0	317	1442	56·76	232	197
D Molland (Green Cottage)	S. J. Case, Esq.	5	1	9	674	1526	60·08	222	178
D Tawstock Court	(R) Basil E. Peto, Esq.	8	1	9	120	1223	48·15	..	..
D Barnstaple (N. Dev. Athenæum)	Miss E. Young	8	1	0	25	1184	46·63	218	171
D Barnstaple (Fort Hill)	late Rev. F. Sterry	5	2	3	200	1220	48·04	227	181
D Barnstaple (Westaway)	Major O. L. Trechmann	5	1	0	140	1271	50·02	209	..
D Goodleigh (Willesleigh House)	Lt.-Col. Montague H. Hall	5	1	0	375	1249	49·16	216	..
D Braunton	A. J. Besly, Esq.	5	1	0	145	1015	39·96	211	171
D Arlington Court	Miss Chichester	5	1	0	613	1720	67·71	231	199
D Challacombe	A. J. Westaway, Esq., C.E.	5	1	0	815	1750	68·91	206	177
D Georgeham (Spreacombe Manor)	A. Leigh Barker, Esq.	5	0	9	340	1170	46·08	220	177
3.—TORRIDGE. 342 sq. mi.									
D Okehampton (Uplands)	E. P. Burd, Esq.	5	1	0	700	1637	64·47	224	188
D Jacobstowe Rectory	Rev. J. S. Hyson	5	1	0	312	1168	45·98	204	170
D Dolton (Hilliers)	A. Smythies, Esq.	5	1	3	380	1136	44·72	203	171
D Torrington (Enfield)	G. M. Doe, Esq.	5	1	0	337	1126	44·32	210	176
D Torrington (Stevenstone House)	Lt. Col. B. C. James	5	1	0	395	1154	45·44	182	167
D Parkham (Melbury Moor)	F. Harding, Esq.	5	1	0	633	1363	53·66	..	160
D Parkham (Melbury Reservoir)	F. Harding, Esq.	5	1	0	517	1432	56·39	..	162
D Buckland Brewer (The Cottage)	Miss B. G. Rogers	5	0	11	469	1286	50·63	241	185
D Landcross (South Close)	C. R. C. Hibbert, Esq.	5	1	0	100	1018	40·07	212	166
D Bideford (Webbery)	Mrs. C. E. Boyd	5	1	10	355	1066	41·96	211	164
D Bideford (Slade Park)	J. C. T. Heriz-Smith Esq.	5	1	6	198	1007	39·65	200	160
D Bideford (Chudleigh House)	Miss M. W. Roberts	5	0	7	120	1083	42·62	218	171
D Westleigh House	Rev. H. G. de C. Stevens Guille	5	1	0	188	992	39·04	221	172
D Northam (Fairlea)	Col. F. W. Bennet	5	3	0	190	988	38·90	210	167
D Northam (Cluden)	Mrs. Varwell	5	0	10	220	1032	40·64	221	172
D Westward Ho! (Bellevue)	A. H. Boyd, Esq.	5	1	0	200	998	39·28	214	169
D Westward Ho! (Royal Golf Club)	Major A. Newton-King	5	1	6	10	873	34·37	190	164
D Instow (Green Hills)	Col. F. W. Evatt	5	1	0	105	1012	39·84	..	166
4.—WEST COAST STREAMS. 32 sq. mi.									
D Hartland Abbey	Mr. G. Sleep	5	1	6	222	1049	41·32	194	177
D Clovelly Court	Mr. H. Tuke	5	1	0	360	1385	54·51	226	196
5.—EXE. 5 sq. mi.									

* Formerly called Ilfracombe (Meteorological Station).

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.			
CORNWALL. (Area, 1363 sq. mi.)		in.	ft.	in.	mm.	in.	
1.—CAMEL & N.W. COAST STREAMS. 458 sq. mi.							
■ Crowan (Camborne W.W.)	.....Camborne Water Co.*	..	..	511	1358	53·48	229 ..
■ Hayle (Gwythian Road)	.....Caldwell Harpur, Esq.	5	0 10	98	1285	50·60	229 175
■ Camborne (Roskear)	.....F. Osborne, Esq.	5	2 0	349	1225	48·24	203 176
■ Redruth (Trewirgie)	.....A. P. Jenkin, Esq.	5	1 0	399	1425	56·10	224 183
■ Redruth (Green Lane Nurseries)	F. Sanders, Esq.	5	0 6	270	1294	50·96	.. ..
■ Scorrier (Mt. Hawke Cl. School)	H. Carveth, Esq.	5	1 3	349	1055	41·53	230 175
■ St. Agnes (Church Town)	.....Dr. W. C. Whitworth	5	5 0	318	1020	40·14	219 175
■ St. Agnes (Trevaunance)	.....J. Hitchens, Esq.	5	0 7	120	1082	42·61	206 171
■ Newquay (Reservoir)	.....Dr. C. C. Vigurs	5	1 0	214	1000	39·36	.. ..
■ Newquay (Mount Wise)	No. 1. Dr. C. C. Vigurs	5	1 0	190	1018	40·08	211 157
■ Bodmin (Polgwin)	.....H. D. Foster, Esq.	5	1 0	400	1587	62·47	235 200
■ Bodmin (Castle Hill House)	.. W. G. Wales, Esq., C.E.	5	1 0	484	1596	62·84	238 199
■ Helland (Tredethy)	.....A. C. Hext, Esq.	5	1 6	300	1419	55·86	.. ..
■ Little Petherick (St. Petroc Ho)	G. T. Skilbeck, Esq.	5	1 2	150	1010	39·75	178 160
■ Wadebridge (Bryn)	.....Miss K. D. Phillips	5	1 6	50	1214	47·81	223 184
■ Wadebridge (Trewornan)	.....Brig.-Gen. L. J. Hext, CMG.	5	1 0	30	1152	45·35	222 179
■ St. Kew (Skisdon)	.....Mrs. Braddon	5	1 0	100	1286	50·64	223 195
■ St. Minver (Trebetherick)	.....A. T. Roseveare, Esq.	9	1 0	50	1004	39·52	.. ..
■ Camelford (Stannon Clay Wks.)	E. Leamon, Esq.	8	1 5	800	1727	67·98	232 200
■ Camelford (Lower Moor Farm)	C. J. Jenkin, Esq.	5	1 0	905	1847	72·70	.. 217
■ Bude	.....N. G. Cholmeley, Esq.	5	1 0	100	1095	43·13	220 179
■ Morwenstow Vicarage	.....Rev. H. H. Breton	8	0 10	331	1208	47·56	230 202
■ Morwenstow (Tonacombe Man.)	W. W. Martyn, Esq.	5	1 0	450	1142	44·97	202 176
2.—FOWEY & S.E. COAST STREAMS. 620 sq. mi.							
■ Lizard	.....A. Pearse Jenkin, Esq.	5	1 0	244	1054	41·48	.. ..
■ Ruan Minor	.....Miss H. F. Shepherd	5	1 0	210	1079	42·47	219 166
■ Mullion	.....H. H. Penrose, Esq.	5	0 10	178	1121	44·13	186 166
■ Porthcurno	.....Eastern Telegraph Co.	5	1 0	150	1152	45·37	234 173
■ St. Keverne (Lanarth)	.....P. D. Williams, Esq.	5	1 10	290	1413	55·62	237 179
■ St. Keverne (Rosuick Cottage)	J. Oates, Esq.	5	1 0	252	1344	52·90	.. ..
■ St. Keverne (Council School)	T. Whale, Esq.	5	0 11	300	1520	60·20	225 192
■ Helston (Tenderah)	.....J. Walker Tyacke, Esq.	5	1 2	220	1348	53·07	222 192
■ Constantine (Pons-a-Verran)	A. Mayne, Esq.*	..	..	60	1251	49·24	221 ..
■ Penzance (Trewidden)	.....Mr. J. H. Murley	5	1 0	275	1227	48·30	220 180
■ Penzance (Lower Larrigan)	E. T. Gregory, Esq.	5	1 0	70	1185	46·66	219 ..
■ Penzance (Morrab Gardens)	C. H. Benn, Esq.	5	1 0	55	1116	43·85	225 170
■ Penzance (Tregwainton House)	T. Robins Bolitho, Esq.	10	0 0	400	1428	56·23	225 204
■ Falmouth Observatory	.....(+A) J. B. Phillips, Esq.	5	1 0	168	1481	58·29	210 176
■ Falmouth (The Crossways)	Comdr. A. Rogers, R.N.R.	5	1 0	78	1449	57·03	215 172
■ Falmouth (Trefusis)	.....Lt.-Col. The Hon. H. W. F. Trefusis	5	1 3	200	1290	50·78	215 179
■ Penryn (Ashfield)	.....J. G. Stephens, Esq.	5	1 0	95	1461	57·53	226 183
■ Devoran	.....Lord Clifden*	5	1 0	120	1359	53·49	.. ..
■ Gwennap (Trevince)	.....C. H. Beauchamp, Esq.	8	1 0	240	1462	57·56	234 191
■ St. Day (Council School)	.....R. R. Blewett, Esq.*	5	0 9	390	1631	64·22	.. ..
■ Truro (Killiow)	.....Miss Daubuz	5	1 0	250	1381	54·35	225 186
■ Truro (Tregolls)	.....Miss C. L. Rashleigh	5	1 0	65	1350	53·15	226 176
■ Truro W.W. (Lower Tregurrow)	W. J. Lean, Esq.	5	1 0	71	1372	54·03	210 189
■ Grampond (Creed)	.....A. P. Jenkin, Esq.*	..	..	130	1433	56·40	215 ..
■ Fowey	.....C. I. Wellington, Esq.	5	1 0	52	1153	45·38	201 174
■ St. Austell (Charlestown Old Vic.)	C. A. Battiscombe, Esq.	5	0 8	200	1358	53·47	203 171
■ St. Austell (Trevarna)	.....W. M. Coode, Esq.	5	1 0	300	1504	59·21	225 184
■ Looe (Morval)	.....Capt. A. H. Tremayne, R.N.	5	1 0	150	1662	65·43	214 184
■ Lostwithiel (Lanwithan)	.....Miss Foster	5	1 0	100	1483	58·39	218 176
■ Menheniot (Coldrenick)	.....Rev. F. E. Trelawny	5	1 0	301	1654	65·12	.. 186
■ Liskeard (St. Pinnock Rectory)	Rev. S. H. Farwell Roe	5	0 5	400	1859	73·19	264 210
■ Liskeard (Trevillis)	.....Miss D. P. Foster	5	1 0	350	1603	63·10	209 159
■ St. Clear (Tregarrie)	.....Lt.-Col. J. D. A. Roberts	5	1 0	800	1664	65·52	.. ..
■ Bolventor Vicarage	Rev. A. S. Rashleigh*	5	2 6	845	2093	82·41	231 ..

* Per Cornwall Rainfall Association.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in or more.	
		Diam.	Height Ground	above Sea Level.	1924				
CORNWALL—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—TAMAR & C. 279 sq. mi.									
D Devonport (Empacombe).....	J. Sandercock, Esq.	5	1	0	20	1454	57·23	220	178
D Devonport (Cremyll)	S. B. Wilcox, Esq.	5	1	4	25	1300	51·18	223	173
Torpoint (Trethill House)	Lt.-Col. J. D. A. Roberts..	5	1	6	200	1210	47·63	..	..
Saltash (Pentillie Castle)	W. T. Johnson, Esq.*....	5	2	4	150	1641	64·61	212	..
St. Mellion Rectory	Rev. Canon F. T. Wintle..	5	1	0	401	1514	59·60	223	177
D Callington (Pencrebar)	Miss Horndon.....	5	1	9	450	1399	55·07	218	179
D Albaston (Naaaims House)	N. R. Rosekilly, Esq.	5	4	0	600	1361	53·58	197	168
D Stoke Climsland	T. Oates, Esq.....	5	1	0	450	1394	54·89	199	175
D Launceston (Landue)	Miss S. E. Tregoning.....	5	0	11	225	1315	51·78	219	177
D Launceston (Hexworthy)	R. B. Rogers, Esq.	5	1	0	270	1334	52·53	226	177
D Altarnon Vicarage.....	Rev. A. H. Thorold	5	1	0	620	1761	69·35	221	198
D Launceston (Old Tree House)	Mrs. Saunders	8	1	6	600	1310	51·59	219	186
Egloskerry (Tregeare)	E. G. B. Lethbridge, Esq..	5	1	6	613	1404	55·27	..	..
North Tamerton (Davies)	Miss M. A. Bray	5	4	0	390	1117	43·98	211	183
4.—INSULAR—Isles of Scilly. 6 sq. mi.									
D St. Mary's.....	The Meteorological Office.	8	1	0	131	987	38·85	226	165
D Tresco Abbey.....	Maj. A. A. Dorrien Smith.	8	3	0	40	1004	39·51	244	166
SOMERSETSHIRE. (Area, 1630 sq. mi.)									
1.—LOWER AVON. 300 sq. mi.									
D Wanstrow (The Manor Cottage)P. E. B. Warburton, Esq. †	5	1	0	465	1249	49·17	186	153	
D Shepton Mallet (Pondsmead) ..R. A. Hobhouse, Esq.	8	1	0	710	1509	59·39	193	167	
D Frome W.W. (Egford)	L. Slaughter, Esq.	8	2	0	270	1161	45·72	221	151
D Frome (Orchardcroft)	H. G. Chislett, Esq.	5	1	0	265	1037	40·82	197	147
D Frome (Selwood School)	Miss A. K. Coombs	5	1	7	320	1128	44·41	226	158
D Mells (Selwood)	Miss E. G. Horner	5	1	0	344	1122	44·18	204	147
D Binegar (Gurneyslade)	Rev. G. B. Hicks	5	1	0	588	1435	56·50	199	167
D Stratton-on-Fosse(DownsideAb)Rev. G. B. Hicks	8	1	0	600	1310	51·59	202	161	
D Orchardleigh Park	Major A. C. Duckworth ..	8	0	11	300	1081	42·55	203	163
D Beckington	E. M. Nelson, Esq.	8	1	3	270	1052	41·42	196	155
D Chewton Mendip (The Priory) ..	The Earl Waldegrave	5	1	0	550	1396	54·97	203	163
D Midsomer Norton (Island Ho.)..	Dr. G. S. Pollard	5	1	6	300	1092	42·99	180	157
D Midsomer Norton (Dymboro) ..	Dr. A. Bulleid	5	1	0	357	1141	44·92	190	156
D Radstock (Frome Hill)	C. H. Perry, Esq.....	8	1	6	330	1062	41·80	184	153
D Litton (Sherborne Res.)	J. A. McPherson, Esq., C.E.	5	1	0	338	1377	54·23	189	167
D Harptree Hill	J. A. McPherson, Esq., C.E.	8	1	0	784	1355	53·34	..	..
D Hinton Blewett (Shortwood Ho.)	L. C. R. Thring, Esq.....	5	1	2	490	1267	49·87	190	165
D Hinton Blewitt Manor	Maurice Church, Esq.....	5	0	8	500	1249	49·19	201	164
D Temple Cloud	Dr. Theodore Martin	5	1	0	340	1227	48·31	188	148
d High Littleton Vicarage	Rev. T. H. Fitzpatrick....	5	0	11	446	1048	41·25	..	..
D Pensford (Sutton Court)	Lord Strachie.....	8	1	0	280	1190	46·84	195	156
d Monkton Combe (Crossways) ..	M. J. Lipscomb, Esq.	5	1	0	180	1064	41·89	..	149
D Pensford (Hunstrete House)...	H. Leyborne Popham, Esq.	5	0	9	400	1077	42·40	195	157
Chew Magna	J. A. McPherson, Esq., C.E.	5	1	4	180	1155	45·47	180	151
D Pensford (Publow School Ho.) ..	A. Hayes, Esq.	5	1	0	230	1145	45·10	183	147
D Bath (Henrietta Park)	Bath Corporation	5	1	0	67	958	37·71	188	151
D Bath (Monkton Combe)	W. G. Lock, Esq.	5	1	6	450	996	39·21	179	154
D Bath (Combe Lodge).....	Major T. H. Clark.....	5	1	0	520	1027	40·43	182	152
D Bath (Combe Down)	Dr. T. F. Vaisey.....	5	0	8	500	1056	41·57	179	165
d Bath (Statutory Hospital)	Bath Corporation	5	1	0	520	1013	39·87	..	153
D Bath (Claverton Old Rectory) ..	Rev. V. E. Skrine	5	1	1	200	1046	41·18	198	160
D Bath (Claverton Lodge).....	G. Lipscomb, Esq.	5	1	3	375	954	37·56	178	145
D Bath (Lansdown Place)	Sir Percy K. Stothert, K.B.E.	5	1	2	410	1060	41·73	191	159
D Bath (Charlcombe)	J. Dent Young, Esq., C.E..	8	2	0	325	1073	42·25	189	157
D Batheaston Reservoir	J. Dent Young, Esq., C.E..	6	2	0	248	1115	43·90	214	156
d Keynsham(Chewton Road)....	A. E. Stephens, Esq.....	8	2	0	134	980	38·59	..	143
D Bath (Brockham End)	Mr. H. A. Holland.....	5	1	0	710	1024	40·31	210	157
Barrow Gurney Reservoir	J. A. McPherson, Esq., C.E.	5	1	6	300	1231	48·45	205	161
D Long Ashton (Research Station)	W. H. Neild, Esq.....	8	0	8	162	1246	49·07	200	155

* Per Cornwall Rainfall Association.

† Per Mid-Wessex Rainfall Association.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SOMERSETSHIRE—(con.).		in.	ft. in.	ft.	mm.	in.			
1.—LOWER AVON—(con.).									
d Walton (Canok Lodge)	Major F. J. Winter	5	3 0	200	1137	44·77	171	147	
d Pailand House	Miss Agnes Fry	5	1 0	385	1313	51·70	192	162	
d Portishead (West Hill)	Rev. Arthur Lewis	5	0 10	248	1149	45·24	185	148	
2.—YEO, AXE & BRUE. 405 sq. ml.									
d Alford Rectory	Rev. A. B. Burney* .....	..	..	100	1062	41·80	190	162	
d Somerton (Butleigh Court)	R. Neville Grenville, Esq.	8	1 2	95	1072	42·21	189	158	
d Bruton (Redlynch Park)	W. F. Pepper, Esq.	5	1 0	390	1104	43·46	197	152	
d Ditcheat Rectory	Rev. H. H. Tripp	5	1 0	240	1082	42·59	183	157	
d Street (Overleigh House)	J. B. Clark, Esq.	5	0 10	100	994	39·13	170	148	
d Street (Hind Hayes)	Joseph Clark, Esq.	5	1 6	78	977	38·46	173	143	
d Street (Millfield)	W. S. Clark, Esq.	8	0 6	100	1029	40·51	178	151	
d Glastonbury (St. Michael's) ..	Ven. Archdeacon W. Farrer	5	1 0	220	991	39·03	193	153	
d Edington	Major A. C. F. Luttrell.	5	2 0	90	1143	45·00	197	145	
d Chilton Polden (West House) ..	Mr. E. Chick	5	1 0	100	1023	40·28	186	142	
d Shepton Mallet (Pilton)	Miss Allen	5	1 3	354	1250	49·23	209	168	
d Shepton Mallet (Charlton)	C. E. Burnell, Esq.*	5	1 0	481	1283	50·52	197	159	
d Shepton Mallet (Field House) ..	F. H. Berryman, Esq.	5	1 0	500	1286	50·64	196	163	
d Shepton Mallet (Sewage Farm) ..	Mr. C. Marshman	5	0 8	310	1233	48·53	189	162	
d Doultling Vicarage.	Rev. H. S. Darbyshire.	5	1 0	693	1305	51·38	213	165	
d Wells (Mental Hospital)	J. E. P. Spera, Esq., M.D.	5	1 2	300	1144	45·04	194	154	
d Wells (Wookey Hole Paper Mills)	W. S. Hodgkinson & Co., Ltd.	5	2 0	200	1170	46·08	..	..
d Burnham (Chalbury)	H. A. Smith Spark, Esq.	5	1 0	20	966	38·04	185	151	
d Burnham	W. H. Chowins, Esq., C.E.	8	0 9	24	964	37·96	..	144	
d Burnham (Berrow Road)	Rev. C. E. B. Frupp	5	1 0	10	988	38·91	177	145	
d Burnham (Brent Knoll)	Miss FitzGerald	5	2 0	26	981	38·64	185	145	
Cheddar (Pumping Station)	J. A. McPherson, Esq., C.E.	5	1 0	50	1107	43·57	177	156	
Charterhouse	J. A. McPherson, Esq., C.E.	5	1 0	619	1421	55·96	..	..
Compton Martin	J. A. McPherson, Esq., C.E.	8	1 0	276	1332	52·43	..	..
Ubley (Rookery Farm)	J. A. McPherson, Esq., C.E.	8	1 0	525	1342	52·84	..	..
d Winscombe (The Down)	J. Grubb, Esq.	5	1 0	295	1217	47·90	197	159	
d Banwell (Eversleigh)	Dr. Kenneth Anderson ..	5	1 6	50	1125	44·29	195	159	
d Banwell (Banwell House)	Miss M. S. Hewitt.	5	1 0	50	1141	44·93	175	150	
Blagdon Hill	J. A. McPherson, Esq., C.E.	8	1 0	550	1278	50·30	..	..
Blagdon (Pumping Station) ..	J. A. McPherson, Esq., C.E.	8	1 0	112	1167	45·95	190	156	
Blagdon (Coombe Lodge)	J. A. McPherson, Esq., C.E.	8	1 0	388	1244	48·97	..	..
Ubley (Pixey Hole)	J. A. McPherson, Esq., C.E.	8	1 0	300	1079	42·48	..	..
Nempnett (West Town)	J. A. McPherson, Esq., C.E.	8	1 0	263	1165	45·86	..	..
Burrington (Burrington Links) ..	J. A. McPherson, Esq., C.E.	8	1 0	335	1260	49·61	..	..
d Burrington (Langford)	Miss M. B. Smith	5	1 8	40	1268	49·93	210	158	
d Weston-spr-Mare (Clarence Pk.) ..	W. H. Allen, Esq.	5	1 0	29	1068	42·06	181	151	
d Butcombe (Cholwell)	J. A. McPherson, Esq., C.E.	8	1 0	370	1240	48·83	..	..
d Worle Vicarage	Rev. M. I. Holme	5	1 6	150	1072	42·21	251	152	
d Wrington (The Cottage)	H. C. Bristowe, Esq., M.D.	5	5 6	100	1064	41·89	184	155	
d Wrington (The Rectory)	Rev. G. M. Ashdown	5	5 0	69	1153	45·40	185	158	
d Wrington (West Hay)	Miss M. C. Meade-King ...	5	1 8	98	1159	45·65	206	160	
Wrington (Yeomans)	J. Stuckey, Esq.	5	4 0	135	1147	45·16	..	..
Yatton (Chelvey)	J. A. McPherson, Esq., C.E.	8	0 8	60	1204	47·41	175	161	
d West Town (Backwell Hill Ho.) ..	W. Garnett, Esq.	8	2 0	490	1146	45·13	175	155	
d West Town (Backwell)	Theodore Robinson, Esq.	5	3 6	100	1292	50·85	216	170	
d Nailsea (The Lawn)	E. Armstrong, Esq.	5	3 2	80	1166	45·90	..	..
d Flax Bourton (The Grange)	C. Onslow Master, Esq.	5	1 0	120	1040	40·96	164	144	
d Clevedon (Gas Works)	J. Harger Pye, Esq.	5	1 2	22	1145	45·07	183	153	
d Clevedon W. W. (Tickenbm Rd) ..	J. Harger Pye, Esq.	5	1 6	70	1125	44·27	193	147	
d Clevedon (Bowling Green)	Late Major A. B. Trestrail ..	5	0 11	126	1169	46·04	..	137	
d Clevedon (Mt. Heber Cottage) ..	G. M. S. Farmer, Esq.	5	1 0	144	1160	45·68	185	150	
3.—PARRETT. 558 sq. ml.									
d Crewkerne (The Reservoir)	E. H. Munford, Esq.*	8	1 0	426	1161	45·71	196	160	
d Crewkerne (Bincombe House) ..	Miss Sparks	5	1 3	293	1217	47·91	207	167	

* Per Mid-Wessex Rainfall Association.

DIVISION V.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SOMERSETSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—PARRETT—(con.).									
d Crewkerne (Mark's Barn)	Miss V. Blake	8	0	9	260	1122	44·19	218	159
d Chard (Chaffcombe House)	Lt. Col. L. H. Noblett	5	0	11	400	1172	46·14	188	153
d Combe St. Nicholas	Rev. G. de Y. Aldridge	5	2	6	580	1274	50·17	223	166
d Coker Court Gardens	Mr. T. H. Gilham	5	1	6	250	1202	47·31	188	167
d West Coker	G. F. Deedes, Esq.	5	1	6	265	1032	40·62	199	154
d Ilminster (Whitelackington Ho.)	S. Creed, Esq.	5	3	0	200	1143	45·01	195	142
d Ilminster (Dillington Park) (a)	Mr. W. Goldthorpe	8	3	6	161	1179	46·43	188	152
d Yeovil (Pen Mill Sewage Wrks)	Dr. C. W. Gee	5	1	0	102	1083	42·65	228	152
d Stoke-under-Ham (The Gables)	Miss Gillett	8	1	0	80	1115	43·90	182	165
d Angersleigh (Leigh Court)	A. Eastwood, Esq.	8	1	0	360	1136	44·74	204	163
d Taunton (The Park)	Dr. John Allen	5	1	0	71	957	37·67	198	150
d Taunton (Holy Trinity School)	A. P. Guest, Esq.	5	1	6	71	958	37·71	215	160
d Milverton (Spring Grove)	Major R. C. Coldwell	5	1	0	449	1213	47·76	205	159
d Wiveliscombe (Culverhead)	T. R. Marsh, Esq., C.M.G.	5	1	0	450	1369	53·91	187	167
d Langport (The Grange)	Miss V. M. Page	5	1	0	50	932	36·68	210	152
d Langport (Huish Episcopi)	Miss A. M. Kelway	8	1	1	30	836	32·91	..	..
d N. Cheriton (Maperton House)	Mr. W. Smith*	5	1	3	390	1159	45·65	203	156
d North Cadbury Court	Major A. L. Langman	5	1	0	250	1069	42·10	194	156
d Somerton (The Grange)	R. W. Pretor-Pinney, Esq.	5	1	0	121	963	37·92	171	..
d Kingston (Caplins)	Mr. H. Jones	5	1	0	250	1017	40·05	193	154
d Aisholt (Timbercombe)	Mrs. White	5	1	2	700	1088	42·85	..	..
d Bagborough Rectory	C. Hubert Lance, Esq.	9	1	0	470	1100	43·31	210	158
d Bridgwater (Blake Gardens)	F. Parr, Esq., C.E.	5	3	1	27	1055	41·54	186	144
d Bridgwater (Wembdon Road)	H. Corder, Esq.	5	1	0	30	1061	41·77	172	143
d Cannington (Ashford)	F. Parr, Esq., C.E.	5	1	1	102	1074	42·27	..	133
d Cannington (Brymore)	H. H. P. Bouverie, Esq.	5	2	0	65	1227	48·32	182	139
4.—NORTH COAST STREAMS. 158 sq. mi.									
d Washford (Croydon Hall)	Capt. J. W. Bridges . . . . .	..	1	4	570	1417	55·79	211	168
d Bicknoller (Ford)	John Tracey, Esq.	5	1	3	150	1104	43·47	208	150
d Bicknoller (Weacombe House)	Lord St. Audries	5	1	0	320	1008	39·70	182	152
d Bicknoller (Willett)	H. C. Venning, Esq.	5	1	0	450	1180	46·44	177	159
d Williton (Aller Farm)	R. G. Hosegood, Esq.	5	2	6	175	1097	43·18	177	153
d Williton (The White House)	S. L. Rogers, Esq.	5	1	0	98	1024	40·33	187	144
d Quantockhead (St. Audries)	Mr. F. S. Hayne	5	1	0	264	966	38·02	177	142
d Stogursey (Fairfield House)	Lord St. Audries	5	1	0	150	1083	42·64	184	141
d Kilve Court	J. C. Hurle, Esq.	5	1	0	150	1008	39·67	194	144
d Dunster (The Schools)	E. G. Cantle, Esq.	5	1	0	80	1109	43·68	190	153
d Porlock (Lynch Mead Allerford)	J. Dyke Acland, Esq.	5	1	0	115	1108	43·62	220	168
d Porlock Rectory	Rev. W. P. Holmes	5	0	9	134	1363	53·67	194	167
d West Porlock (Underway)	N. G. Hadden, Esq.	5	1	0	80	1408	55·44	..	..
d Culbone (Lillycombe)	E. T. Macdermot, Esq.	5	1	0	1210	1606	63·22	226	178
5.—EXE. 122 sq. mi.									
d Exbridge	T. F. Tracy, Esq.	5	1	0	410	1418	55·81	202	164
d Brushford Rectory	Rev. B. J. du Boe	5	1	0	450	1475	58·06	201	172
d Brushford Nurseries	Mr. G. Ruff	5	1	2	430	1417	55·80	210	172
d Hawkridge (Liscombe)	Mr. E. W. Darby	5	3	6	980	1822	71·74	257	198
d Cutcombe (Wheddon Cross)	H. H. P. Bouverie, Esq.	5	1	2	945	1515	59·66	213	166
d Exford (North Ley)	F. G. Heal, Esq.	5	5	6	1000	1797	70·75	..	..
d Exford (Foxcombe)	H. W. Heberden, Esq.	5	1	6	1050	1679	66·10	210	182
d Simonsbath	Mrs. A. H. Molland	5	0	10	1080	2011	79·19	..	..
6.—AXE. 42 sq. mi.									
Tatworth Vicarage	Rev. H. Stuart King	5	1	3	345	1333	52·49	186	165
d Cricket St. Thomas (Cricket Ho.)	Mr. G. F. Richardson	5	1	0	444	1265	49·80	182	160
d Chard (High Street Council Sch.)	F. Barnard, Esq.	5	1	2	425	1325	52·15	196	161
7.—STOUR. 35 sq. mi.									
d Templecombe Rectory	Rev. Prebendary Windsor*	5	0	6	215	1135	44·70	199	159
d Templecombe (Cheriton Ho.)	W. Wise, Esq.* . . . . .	..	..	..	..	1135	44·70	206	169
d Wincanton (Roundhill Grange)	Maj.-Gen. C. H. P. Ducat	5	1	11	375	1106	43·54	206	160

* Per Mid-Wessex Rainfall Association.

DIVISION VI.—WEST MIDLAND COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
GLOUCESTERSHIRE. (Area, 1243 sq. mi.).		in.	ft.	in.	ft.	mm.	in.		
1.—WYE. 50 sq. mi.									
d Chepstow (Castleford)	Mrs. W. R. Lysaght	5	0	8	146	1293	50·91	197	167
d Chepstow (Pen Moel)	W. R. Price, Esq.	5	1	0	240	1270	49·99	196	164
d St. Briavels (St. Briavels House)	Surg. Capt. O. W. Andrews, R.N.	5	1	0	750	1541	60·65	202	158
d Forest of Dean (Mailscoth Ldge)	Office of Woods	8	1	0	630	1165	45·86	183	153
d Forest of Dean (Ruardean H. Lo)	Office of Woods	8	1	0	932	1183	46·58	..	..
d Lydbrook (Viaduct House)	G. S. Damsell, Esq.	5	1	0	95	1074	42·29	209	147
2.—SEVERN—Right Bank Tributaries. 176 sq. mi.									
d Lydney (Clanna Cottage)	Brig. Gen. A. M. Tyler.	8	0	10	359	1321	52·01	189	160
d Forest of Dean (Whitemead Park)	Office of Woods	8	1	0	200	1292	50·87	..	..
d Forest of Dean (Worcester Lo.)	Office of Woods	8	0	11	712	1246	49·04	180	153
d Coleford (Cannop Colliery)	J. J. Joynes, Esq.	5	10	0	306	1147	45·14	189	153
d Westbury-on-Severn (Ninnage L.)	Miss Grant	5	3	0	122	1045	41·14	..	141
d Forest of Dean (Edgehills Lodge)	Office of Woods	8	1	0	914	1197	47·12	..	..
d Newent (Clifford Manor)	F. F. Grafton, Esq.	5	1	5	312	1104	43·45	173	153
d Oxenhall (Dymock Woods)	Office of Woods	8	1	0	232	974	38·35	170	131
d Bromsberrow Heath Pump. Stat.	W. Osborne Thorp, Esq., C.E.	5	1	0	181	1006	39·60	170	139
d Tewkesbury (Forthampton Ct.)	Mr. B. Webster	5	1	0	48	1085	42·72	192	156
d Tewkesbury (Upper Lode)	E. J. Bradley, Esq.	5	1	0	41	869	34·23	188	139
3.—SEVERN—Left Bank Tributaries. 372 sq. mi.									
d Wickwar	F. G. Ansell, Esq.	5	1	0	260	995	39·19	166	136
d Thornbury (Thornbury House)	H. V. Gillett, Esq.	5	2	1	110	1135	44·70	..	153
d Thornbury (Thornbury Park)	Capt. R. A. Bennett	5	1	3	70	1138	44·82	176	150
d Falfield (Eastwood Park)	A. Lipplatt, Esq.	5	2	0	190	1044	41·12	166	142
d Tortworth Court	Mr. J. Banting	8	1	0	264	1074	42·29	188	148
d Tortworth School	E. A. Smith, Esq.	5	1	6	264	1076	42·35	188	156
d Wotton-under-Edge (Claremont)	R. Penney, Esq.	5	1	2	350	990	38·96	183	138
d Dursley (The Manor)	Miss H. M. Hutton	5	1	1	274	1125	44·27	192	155
d Avening House	Lady Eleanor Atkinson ..	8	1	3	350	1077	42·38	183	148
d Berkeley Castle Gardens	Mr. T. B. Ashbee	5	1	6	60	1079	42·50	..	152
d Nailsworth (Three Corners)	F. R. Rushton, Esq.	5	0	9	325	1178	46·38	208	157
d Berkeley (Sharpness Docks)	F. G. Marling, Esq.	5	2	0	50	1081	42·57	199	154
d Minchinhampton (Rowan Cott)	E. Metcalfe Day, Esq.	5	1	0	620	931	36·64?	..	..
d Minchinhampton (Camp Field)	late Piers F. Legh, Esq.	5	1	6	650	1155	45·49	199	157
d Minchinhampton (Rectory Cott.)	G. W. Fisher, Esq.	5	1	0	610	912	35·89?	193	153
d Stonehouse (Wycliffe College)	W. A. Sibly, Esq.	5	1	0	120	993	39·11	185	147
d Bisley (Jaynes Court)	Hugh T. Coles, Esq.	5	0	11	777	1117	43·98	214	156
d Stroud (Berrimans)	E. Armitage, Esq.	5	1	0	750	1196	47·08	..	..
d Stonehouse (Parklands)	W. Grey Robinson, Esq.	5	2	6	103	1026	40·39	197	143
d Whitminster (The Junction)	F. A. Jones, Esq., C.E.	5	1	0	33	1088	42·83	195	153
d Haresfield Court	Miss Olive Tidswell	5	0	10	100	1148	45·19	205	155
d Harescombe Grange	Stamford Hutton, Esq.	5	1	0	557	1036	40·77	196	154
d Quedgeley House	Mrs. D. Curtis-Hayward ..	5	1	0	65	1056	41·56	179	145
d Witcombe Reservoir	C. J. Scudamore, Esq.	8	3	0	297	959	37·76	176	142
d Gloucester (Weston Road)	Rev. F. H. Fowler	5	1	0	56	1026	40·38	204	142
d Gloucester (The Park)	R. H. Ellis, Esq.	8	1	3	56	970	38·18	200	140
d Gloucester (Northernhay)	Harley Butt, Esq.	5	1	5	79	979	38·55	182	134
d Gloucester (Llanthony Lock)	E. J. Bradley, Esq.	5	1	2	39	963	37·91	..	..
d Gloucester (Maisemore Lock)	E. J. Bradley, Esq.	5	1	1	39	983	38·68	188	140
d Churchdown (Barrow Hill)	Mrs. J. H. Jones	5	1	0	225	1058	41·64	195	146
d Dowdeswell Reservoir	J. S. Pickering, Esq., C.E.	5	1	3	357	1088	42·82	180	136
d Cheltenham (Thirlestane Hill) (R)	J. Player, Esq.	8	2	0	240	1025	40·36	178	143
d Charlton Kings (The Grange)	Miss E. M. Heberden	5	0	9	300	1039	40·91	190	144
d Cheltenham (Hewletts Res.)	J. S. Pickering, Esq., C.E.	8	1	6	419	978	38·51	186	144
d Cheltenham (Sandford Mead)	J. S. Pickering, Esq., C.E.	5	2	6	210	995	39·19	181	148
d Cheltenham (Old Bath Road)	F. A. Jones, Esq., C.E.	5	1	0	290	1005	39·58	186	145
d Cheltenham (High Street)	Lieut. J. Orgee, D.S.C., R.N.	5	1	0	214	905	35·61	176	136
d Cheltenham (Suffolk Square)	Rev. H. T. Williamson ..	5	1	0	227	894	35·20	180	133
d Cheltenham (Swindon)	J. C. M. Stanton, Esq.	8	1	2	136	967	38·07	185	138
d Cheltenham (Cleeve Hill)	C. H. Bastow, Esq.	8	3	0	650	1009	39·74	174	143
d Tewkesbury Pumping Station	J. S. Pickering, Esq., C.E.	5	1	0	47	919	36·18	191	135
d Beckford Hall	Capt. H. Ashton Case	5	1	0	130	924	36·38	..	..

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
GLOUCESTERSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.	
4.—SEVERN—Upper Avon. 99 sq. mi.								
d Winchcombe (Sudeley Castle)...	Major J.H.D. Brocklehurst.	5	1	0	357	1008	39·69	.. 141
d Broadway (Buckland Manor)...	J. Whiteley, Esq.....	5	1	0	..	902	35·51	168 149
d Mickleton (Bank House)	M. J. Salter, Esq.	5	1	0	250	849	33·43	178 143
5.—LOWER AVON & C. 198 sq. mi.								
d Bitton (Council School)	P. Cherry, Esq.	5	1	0	80	975	38·40	.. ..
d Bath (Monkswood Reservoir) ..	J. Dent Young, Esq. C.E.	5	2	0	365	956	37·64	200 153
Bristol (Telephone Avenue)....	J. A. McPherson, Esq., C.E.	5	50	0	80	1148	45·19	191 148
d Bristol (Tyndalls Park Road) ..	Major E. J. Dunscombe, RFA	5	1	4	150	1244	48·96	189 151
d Bristol (Cotham)	H. A. Rogers, Esq.	5	1	6	180	1163	45·77	188 160
Clifton (Oakfield Road)	J. A. McPherson, Esq., C.E.	5	1	0	200	1226	48·26	193 161
d Clifton College	W. C. Badcock, Esq.	8	1	2	225	1197	47·14	175 150
Bristol (St. Andrew's Park)....	H. Vicars Webb, Esq.	5	1	5	200	1185	46·67	203 157
d Filton	F. W. Gayner, Esq.	5	2	0	202	1075	42·34	182 151
d Winterbourne (Kendleshire) ..	J. Marsh, Esq.	5	1	0	170	1015	39·98	162 140
d Frampton Cotterell (Park Ho) ..	H. H. Harding, Esq.	5	1	0	158	1072	42·19	195 150
d Chipping Sodbury (The Ridge)...	Col. P. Burges	5	1	0	375	1070	42·11	194 151
d Almondsbury (Over Court Park)...	J. Cann-Lippincott, Esq. .	5	1	0	147	1140	44·88	195 152
d Almondsbury (Ridgewood)	R. E. Potter, Esq.	5	0	8	200	1102	43·39	178 153
d Tetbury (Highgrove Gardens)...	Mr. H. Henderson.....	5	1	0	371	1067	42·01	.. 142
6.—THAMES—Right Bank Tributaries. 15 sq. mi.								
7.—THAMES—Windrush & c. 333 sq. mi.								
d Fairford (Dunfield, Kempsford)A. T. Iles, Esq.	5	1	0	260	951	37·43	182 142	
d Fairford Vicarage.....	Rev. Canon R. C. S. Jones ..	5	2	9	280	957	37·69	176 145
d Fairford (Draycott)	Miss G. Edmonds	5	2	0	200	990	38·98	180 145
Lechlade (Southrop)	J. Arkell, Esq. ....	..	1	0	..	895	35·24	.. ..
Lechlade (St. John's Lock)	R. A. Swarbrick, Esq.	5	3	2	239	843	33·17	169 ..
d Lechlade (Claydon House).....	T. T. S. Metcalfe, Esq.	5	1	0	250	925	36·43	173 139
d Cirencester (Cripps Mead)	Mrs. Wilfred Cripps	8	0	8	366	1079	42·49	184 152
d Cirencester (Dollarward House) (+ A)	C. P. Hooker, Esq.	5	1	0	366	1136	44·73	192 153
d Cirencester (Argyll House).....	Prof. E. Blundell	5	2	6	325	1080	42·52	.. ..
d Cirencester (Bartonbury).....	late E. C. Rankin, Esq.	5	0	9	429	1050	41·33	196 150
d Cirencester (Gwynfa)	Nigel Woods, Esq.	5	1	0	354	1120	44·10	194 146
Daglingworth Manor	J. Herbert Scrutton, Esq. 8	1	6	450	1140	44·87	.. ..
d Cirencester (Barnsley Pk.) H. W. Wykeham-Musgrave Esq. 5	1	0	495	1115	43·91	178 143		
d Rendcomb College	C. H. Caulfeild Osborne, Esq. 8	1	0	573	1113	43·83	184 147	
d Aldsworth.....	T. Rich, Esq.	5	1	6	430	1068	42·05	173 148
d Great Barrington	H. J. Barrett, Esq.	5	1	6	417	944	37·17	179 146
d Northleach (Sherborne House)...	Mr. A. Mitchell	5	1	0	420	959	37·77	171 147
d Northleach (Leygore Manor) ..	Arthur E. Moss, Esq.	5	1	0	650	1027	40·45	210 146
d Bourton-on-Water (Eastfield)...	E. W. Kendall, Esq.	5	1	6	434	1001	39·43	172 142
d Bourton-on-Water (Chardwar)...	G. F. Moore, Esq.	5	1	6	430	986	38·83	171 140
Bourton-on-Water Rectory ..	Rev. Canon W. E. White... 5	0	10	433	991	39·02	160 141	
Stow-on-the-Wold (Icomb Place)...	Capt. G. H. SimpsonHayward 8	1	3	500	963	37·90	173 149	
d Winchcombe (Temple Guiting Ho.) Major C. Stacey.....	5	0	10	700	1097	43·17	189 155	
HEREFORDSHIRE (Area, 840 sq. mi.)								
1.—WYE. 685 sq. mi.								
d Goodrich Court Gardens.....	T. Spencer, Esq.	5	1	6	200	1054	41·48	204 150
d Walford (Hill Court)	G. R. Trafford, Esq.	5	1	1	161	983	38·70	170 135
d Ross (County Observatory) ..	F. J. Parsons, Esq.	5	1	0	224	961	37·85	182 139
d Ross (Birchlea)	Miss M. L. Southall	5	1	0	210	994	39·12	185 145
d Bridstow (Ashe Leigh)	Major W. Stanley R. Cox ..	5	1	0	220	969	38·13	.. ..
d Kentchurch Rectory.....	Rev. R. P. Dansey	5	1	0	220	1153	45·39	188 158
Perrystone Court	Major-Gen. G. S. Clive, D.S.O. 5	1	3	450	945	37·21	.. ..
Brockhampton Court	Lt.-Col. A. W. Foster	8	4	0	500	1062	41·80	.. ..
d Fownhope (Lower House)	Miss F. Cresswell	5	3	0	200	953	37·51	202 148
d Fownhope (Morney Cross)	A. P. Maudslay, Esq., D.Sc. 5	0	8	190	929	36·57	188 137	
d Woolhope (The Hyde)	A. H. Thompson, Esq.	5	1	3	440	955	37·59	170 143

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.			
HEREFORDSHIRE—(con.).		in.	ft. in.	ft.	mm.	in.	
1.—WYE—(con.).							
Vowchurch (Whitehouse).....	A. S. Wood, Esq.	8	1 0	450	1255	49·40	204 ..
d Hereford (Belmont Abbey)	Rev. Andrew Baker	8	1 0	292	861	33·90	.. ..
Hereford (Barton House).....	Rev. A. G. Jones.....	8	1 0	179	879	34·61	196 138
d Hereford (Breinton Court).....	H. A. Wadworth, Esq. ...	5	3 0	238	857	33·76	185 143
d Hereford (Broomy Hill)	W. Cooke, Esq.	8	1 0	201	955	37·61	166 133
d Hereford (Holmer Hall)	Rev. Preb. M. Hopton ...	8	1 3	244	891	35·06	205 151
d Credenhill (Stretton Sugwas) ..	Capt. S. H. Armitage	5	1 0	226	933	36·73	194 147
d Credenhill	F. E. Whiting, Esq.	5	1 5	275	961	37·84	176 150
d Burghill Court	Miss E. D. Woodhouse ...	5	1 0	293	827	32·55	181 136
d Ocle Pychard (Ocle Court)	G. Creswell, Esq.	8	1 2	298	964	37·94	217 147
Sarnesfield Court.....	Rev. W. Marshall	5	1 0	378	966	38·02	177 139
d Weobley School	A. J. Dean, Esq.	5	1 0	320	991	39·02	242 160
d Diiwyn (Townsend House)	Dr. T. Lambert Hall	5	0 8	290	898	35·35	191 145
Pembridge (Burton Court)	Lt.-Col. P. L. Clowes, C.B. 5	1 6	400	960	37·80	193 ..	
d Bromyard (Birchyfields)	Lt.-Col. J. E. Knott, C.M.G. 5	1 3	545	884	34·80	170 136	
d Bromyard (Dumbleton Cottage) ..	T. V. Philpott, Esq.	5	1 0	393	958	37·70	.. ..
d Bromyard (Buckenhill)	Mrs. Phipps	8	1 6	410	920	36·21	166 135
d Humber Rectory	Rev. B. G. Way.....	5	1 6	450	1086	42·77	173 152
Kington (Montfort House)	G. H. Evans, Esq.	5	0 6	600	1174	46·23	.. ..
Kington (Sunset)	H. Langston, Esq.	5	1 6	495	1007	39·63	.. ..
d Kimbolton (Grantsfield).....	J. M. Hutchinson, Esq. ..	5	1 0	424	973	38·32	193 148
Leysters (Rosedale House)	E. S. Chattock, Esq.	5	0 6	550	1015	39·98	217 160
d Eyton (Old Hall)	R. H. Evans, Esq.	5	0 9	310	977	38·48	202 149
2.—SEVERN—Right Bank Tributaries. 155 sq. mi.							
d Much Marcle (The Mount)	Miss A. M. Charles	5	0 8	240	975	38·40	165 143
d Ledbury (Underdown)	S. H. Bickham, Esq.	5	1 0	307	1006	39·60	187 144
Ledbury (Putley Court)	J. Riley, Esq.	5	1 0	290	1084	42·69	184 152
d Colwall (The Downs).....	F. M. Day, Esq.	5	1 0	500	1030	40·55	.. ..
Cradley (Mill Bank)	Lt.-Col. E. H. Thurlow ...	5	1 0	320	1022	40·22	.. ..
d Leintwardine.....	E. Charnock, Esq.	5	1 6	450	1135	44·70	216 156
SHROPSHIRE. (Area, 1343 sq. mi.)							
1.—MERSEY—Weaver. 27 sq. mi.							
2.—DEE. 30 sq. mi.							
d Whitchurch (Fenns Bank)	M. W. Sowden, Esq., C.E. ...	8	1 0	271	874	34·42	195 176
Overton (Sodylt Hall)	W. H. Horsfall, Esq.	5	1 0	266	919	36·18	.. 148
3.—SEVERN—Right Bank Tributaries. 722 sq. mi.							
d Ashford House.....	W. Downes Hall, Esq. ...	5	0 5	315	1215	47·82	.. 155
d Ludlow (Spring Field)	A. A. Barnes, Esq., C.E. ...	5	1 0	302	1083	42·65	198 156
d Ludlow (Spring Field)	A. A. Barnes, Esq., C.E. ...	5	1 0	301	1072	42·21	.. ..
d Bromfield (Oakley Park)	Mr. J. R. Francis	5	1 0	300	1049	41·30	196 164
d Bromfield (Warwick House) ...	F. Brayshaw, Esq.	5	1 0	320	1039	40·91	215 168
d Bitterley Rectory	Rev. Preb. J. R. Burton... 5	1 6	509	983	38·71	181 155	
Stanton Lacy Vicarage.....	Miss I. Armitage	5	0 8	304	1027	40·45	196 155
Llanfairwaterdine (The Green) ..	Miss M. A. Davies.....	5	1 9	950	1007	39·66	.. ..
Clun (Trinity Hospital)	Rev. H. J. Scott	5	1 0	650	1076	42·36	190 ..
Craven Arms (Culmington Mnr.) ..	T. W. Shaw, Esq.	5	1 0	570	1008	39·69	185 147
d Wistanstow Rectory	Rev. W. M. D. La Touche.. 8	1 0	482	925	36·43	208 140	
d Burwarton Hall.....	Rt. Hon. Viscount Boyne 5	0 10	894	1136	44·72	204 170	
d Clun Forest (Cwm Ffrydd)	Sydney Wilson, Esq.	5	1 0	1155	1276	50·25	.. ..
Lydbury North (Totterton H.) ..	Major W. H. B. Whitaker. 5	1 6	750	940	37·01	200 151	
d Bishops Castle (Castle Street) ..	E. Griffiths, Esq.	5	2 0	720	965	38·00	199 149
d Bishops Castle (Hall Villa) ...	Richard Parry, Esq.	5	1 0	582	964	37·94	189 152
d Bishops Castle Vicarage	Rev. G. W. Stewart	5	1 6	596	961	37·84	201 148
Bishops Castle (More Rectory) ..	Rev. Ridley Relton	5	0 9	600	1034	40·72	.. ..
d Bishops Castle (Roveries H.) (r)	A. H. Sykes, Esq.	8	4 6	600	979	38·56	.. ..
d Church Stretton (Sewage Works) ..	E. J. Marsh, Esq.	5	1 0	582	1123	44·21	207 174

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
SHROPSHIRE.—(con.).		in.	ft. in.	ft.	mm.	in.		
3.—SEVERN—Right Bank Tributaries.—(con.).								
d Church Stretton (Watling St.)	Mr. W. Bowden	5	1 3	500	1163	45·80	201	178
d Church Stretton (West Leigh)	H. Constantine, Esq.	5	0 8	700	1115	43·88	203	171
d Bridgnorth (Cantreyn)	W. Bayliss, Esq.	5	3 0	290	856	33·71	181	143
d Bridgnorth (Cantreyn)	W. Bayliss, Esq.	5	0 3	288	913	35·93	181	152
d Chirbury (Marrington Hall)	Lt. Col. S. D. Price-Davies	5	1 0	490	852	33·53	188	144
d Church Preen (Preen Cottage)	Mr. J. Hopkins	5	1 0	760	969	38·16	173	152
d Church Stretton (Wolstaston)	Rev. Alan Clover	5	1 0	795	1118	44·02	192	164
d Much Wenlock (Willey Park)	Col. Lord Forester	5	3 0	492	975	38·38	177	135
d Dorrington (Netley Hall)	Miss Hope-Edwardes	5	1 6	351	925	36·41	230	159
d Dorrington School	J. A. Narraway, Esq.	5	..	250	948	37·33	235	160
d Shrewsbury (Beckbury House)	G. H. Horsfall, Esq.	5	0 9	220	760	29·91	186	144
d Shrewsbury (Radbrook Hall)	D. D. Macpherson, Esq.	5	0 8	235	825	32·46	204	148
4.—SEVERN—Left Bank Tributaries. 564 sq. mi.								
Bridgnorth (Coton Hall)	Lt.-Col. E. M. Wakeman	5	1 6	460	898	35·34	185	159
Bridgnorth (Quatt)	G. C. Wolryche-Whitmore, Esq.	5	1 6	250	838	33·00	..	143
Ackleton House	F. J. Neale, Esq.	8	1 3	270	846	33·29	196	144
d Shifnal (Hatton Grange)	Mr. G. Risebrow	5	4 4	262	879	34·62	218	163
d Shifnal (National Schools)	T. F. Chard, Esq.	5	1 5	283	851	33·52	..	..
Wellington W.W. (Wrekin Res.)	G. H. Connor, Esq.	8	2 6	478	855	33·66	..	..
d Shrewsbury (Coton Hill)	Dr. M. Gepp	5	0 8	190	726	28·60	187	132
d Shrewsbury (Roden)	J. W. Nowell, Esq.	8	1 2	207	756	29·78	186	142
d Shrewsbury (Fitz Rectory)	Rev. W. Brewster	5	1 2	238	866	34·11	184	148
Lilleshall (Donnington Wood)	W. Perry, Esq.	5	1 0	300	843	33·19	..	..
d Newport (Aston Hall)	Col. R. Lecke	5	0 11	280	865	34·06	214	158
d Newport (Agricultural College)	C. Crowther, Esq.	5	1 0	220	765	30·11	193	146
d Newport (Chetwynd Park)	Mrs. Burton Borough	5	1 0	240	819	32·24	217	156
d Newport (Chetwynd Pk. Gdns.)	Mr. N. Sherwood	5	1 0	250	833	32·78	219	152
d Grinsbill (Sansaw Hall Gardens)	Capt. F. B. Bibby	5	0 10	300	931	36·77	198	155
Myddle (Marton Hall)	Major W. S. Gosling	5	0 8	280	955	37·58	181	..
d Cheswardine (Knighton Res.)	H. C. Jones, Esq., C.E.	8	1 0	351	867	34·12	208	157
d Cheswardine Hall	Col. R. C. Donaldson-Hudson	5	1 6	530	877	34·54	210	155
d Oswestry (Mount Res.)	G. W. Lacey, Esq., C.E.	5	1 0	698	1054	41·48	204	157
d Oswestry (Council School)	E. Compton, Esq.	5	1 0	450	1000	39·37	193	161
d Ellesmere	H. C. Jones, Esq., C.E.	8	1 0	368	919	36·16	..	154
d Norton-in-Hales School	Chas. Chadwick, Esq.	5	1 6	350	971	38·25	224	168
STAFFORDSHIRE. (Area, 1171 sq. mi.)								
1.—MERSEY—Weaver. 50 sq. mi.								
2.—SEVERN—Left Bank Tributaries. 160 sq. mi.								
d Kingswinford (Ashwood P.S.)	F. J. Dixon, Esq., C.E.	5	1 0	207	846	33·30	174	150
d Dudley (Shavers End)	F. J. Dixon, Esq., C.E.	5	1 0	745	893	35·16	202	152
Wolverhampton (Copthorne Rd)	Kenneth C. Berrington, Esq.	5	0 9	500	853	33·59	182	144
Wolverhampton (Town Hall)	G. Green, Esq., C.E.	5	15 6	482	848	33·38	184	151
d Wolverhampton (West Park)	Dr. R. H. H. Jolly	5	1 5	430	854	33·63	182	147
d Wolverhampton (Merridale Gro.)	H. Hodgkinson, Esq.	5	1 4	..	815	32·07	191	152
d Tettenhall (The Hollies)	R. C. Sikes, Esq., C.E.	5	1 0	355	844	33·22	206	152
d Patshull Park	Earl of Dartmouth, K.C.B.	5	1 3	279	848	33·37	190	146
d Shifnal (Weston Park)	Earl of Bradford	5	1 6	400	898	35·36	233	177
d Norbury Junction	H. C. Jones, Esq.	8	1 0	332	831	32·70	208	159
d Market Drayton (Old Springs)	F. E. Harding, Esq.	5	1 3	422	829	32·63	214	152
Maer Hall Gardens	Miss Harrison	8	1 6	390	1115	43·91	..	181
Muckleston (Willoughbridge Lo)	M. D. Hill, Esq.	5	0 9	450	919	36·16	217	152
3.—TRENT—Right Bank Tributaries. 518 sq. mi.								
d West Bromwich	(+A) A. D. Greatorex, Esq., C.E.	8	1 7	543	841	33·09	186	144
d Wednesbury (Ocker Hill)	H. K. S. Woodhouse, Esq., C.E.	5	1 0	476	813	32·00	193	143
d Walsall (Bescot Sewage Farm)	J. Taylor, Esq., C.E.	8	0 11	376	970	38·18	226	161
d Walsall (Wednesbury Sew. Wks)	G. Wicks, Esq.	5	2 8	381	759	29·89	193	138

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
STAFFORDSHIRE—(con.).		in.	ft. in.	ft.	mm.	in.		
3.—TRENT—Right Bank Tributaries—(con.).								
d Bilston (The Lunt Outfall)	Edgar Willan, Esq., C.E.	8	1 0	423	782	30·78	190	144
d Aldridge (Bourne Vale)	F. J. Dixon, Esq., C.E.	5	1 0	419	796	31·33	182	140
d Bloxwich (Sneyd Reservoir)	H. K. S. Woodhouse, Esq., C.E.	5	1 0	507	843	33·20	199	144
d Brownhills	S. Harrison, Esq., C.E.	8	1 2	492	813	32·02	186	149
d Brewwood (Slade Heath P.S.)	F. J. Dixon, Esq., C.E.	5	1 0	340	795	31·30	190	151
d Hammerwich (Cannock Ch. Res.)	H. K. S. Woodhouse, Esq., C.E.	5	1 0	475	807	31·76	206	152
d Brewwood (Belvide Reservoir)	H. C. Jones, Esq., C.E.	5	1 0	367	830	32·68	190	142
d Lichfield (St. John Street)	Dr. F. M. Rowland, C.B.E.	5	1 0	269	723	28·46	211	142
d Hednesford (Scout House)	F. J. Dixon, Esq., C.E.	5	1 0	750	784	30·87	199	135
d Rugeley (Longdon)	F. J. Dixon, Esq., C.E.	5	1 0	413	771	30·35	168	140
d Lichfield (Hanch Reservoir)	F. J. Dixon, Esq., C.E.	5	1 0	259	684	26·92	172	138
d Rugeley (Nethermoor)	G. H. Grummitt, Esq.	5	1 0	300	880	34·66	197	166
d Rugeley (Brindley Bank)	F. J. Dixon, Esq., C.E.	5	1 0	254	786	30·94	186	145
d Milford Waterworks	W. Plant, Esq., C.E.	5	1 0	246	818	32·20	194	149
d Shugborough	The Earl of Lichfield	5	1 2	260	860	33·86	176	145
d Stafford (Rising Brook)	W. Fred. Wright, Esq.	5	1 0	273	790	31·11	199	153
d Stafford (Corporation Depôt)	W. Plant, Esq., C.E.	5	1 6	249	809	31·83	202	162
d Stafford (West Bank, Doxey)	Leslie Wilson, Esq.	5	1 0	280	781	30·74	..	..
d Eccleshall (Johnson Hall)	Major W. Moat	5	1 2	400	840	33·06	201	158
d Stone (Meaford Hall)	Lt. Col. W. S. W. Parker-Jervis	5	0 9	325	905	35·64	228	173
d Standon (Hatton W.W.)	R. C. Frain, Esq., C.E.	5	1 8	355	939	36·98	216	172
4.—TRENT—Left Bank Tributaries. 193 sq. mi.								
d Burton (Hoar Cross)	F. W. Lycett, Esq.	8	1 0	400	857	33·76	..	144
d Burton Reservoir	F. J. Dixon, Esq., C.E.	5	1 0	309	715	28·15	176	145
d Burton (Borough Hospital)	Dr. J. M. Cowie	8	1 6	220	763	30·03	190	144
d Burton (Shobnall)	Messrs. Bass & Co. Ltd.	5	5 6	157	644	25·36	183	142
d Stone (Alleyne's Grammar Sch.)	H. Malcolm Fraser, Esq.	5	1 6	415	827	32·56	222	163
d Stone (Idlerocks)	Mrs. Wedgwood	5	1 0	740	1116	43·95	227	193
d Longton (The Meir)	R. C. Frain, Esq., C.E.	5	1 0	617	886	34·88	265	158
5.—TRENT—Dove. 250 sq. mi.								
d Tean (The Heath House)	Lt. Col. B. H. Philips, C.M.G.	5	1 0	647	966	38·02	228	156
d Rocester (Dove Leys)	Lt. Col. Sir G. P. Heywood	5	1 6	350	1000	39·36	197	166
d Oakamoor (Lightoaks)	M. A. Bolton, Esq.	5	1 6	650	1033	40·65	211	169
d Ashbourne (Mayfield Hse.) (+A)	Graham C. Lawson, Esq.	8	1 0	374	944	37·15	207	152
d Alstonfield Vicarage	Rev. A. E. Brown	5	1 1	905	1073	42·23	240	166
d Alstonfield (The Manor)	B. R. S. Pemberton, Esq.	5	1 0	925	1099	43·26	228	173
d Leek (Wall Grange)	R. C. Frain, Esq., C.E.	5	1 0	457	1026	40·39	212	171
d Leek (Hillesdon)	A. Y. Worthington, Esq.	5	1 0	750	1039	40·91	217	180
d Leek (Haregate)	Mr. G. Sweetmore	5	0 9	680	1011	39·82	228	173
WORCESTERSHIRE. (Area, 751 sq. mi.)								
1.—SEVERN—Right Bank Tributaries. 231 sq. mi.								
d Redmarley (Haselden)	Miss F. L. Newbury	5	0 5	280	926	36·46	..	131
d Upton-on-Severn (Willow Bank)	J. Selwyn Cowley, Esq.	5	1 0	46	1018	40·09	174	137
d Upton-on-Severn (The Eades)	Roger D. Tennant, Esq.	5	0 9	100	985	38·76	202	131
d Malvern (British Camp Res.)	W. Osborne Thorp, Esq., C.E.	5	1 0	677	1014	39·92	175	141
d Malvern (Church Street)	W. Osborne Thorp, Esq., C.E.	5	1 0	350	1130	44·49	179	146
d Malvern (Belle Vue House)	A. Mander, Esq.	5	4 0	520	1155	45·49	190	142
d Malvern (Free Library)	E. W. Harris, Esq.	5	1 0	377	1083	42·63	186	140
d Malvern (Clarence Road)	S. Bottomley, Esq.	5	1 0	300	1055	41·53	200	142
d Malvern (Hornold Road)	Rev. T. Wolseley Lewis	5	1 0	498	1067	42·00	196	141
d West Malvern	W. Osborne Thorp, Esq., C.E.	5	1 0	832	1097	43·20	170	144
d Knightwick Sanatorium	H. Gordon-Smith, Esq.	5	1 0	300	948	37·31	179	145
d Worcester (Diglis Lock)	E. J. Bradley, Esq.	5	1 0	49	891	35·08	200	121
d Worcester (St. John's School)	E. R. Bowen, Esq.	5	1 0	82	900	35·43	168	133
d Martley Rectory	Rev. J. F. Hastings	5	1 0	220	953	37·51	182	143
d Ombersley (Holt Lock)	E. J. Bradley, Esq.	5	1 1	55	869	34·22	183	142
d Stourport (Astley Town)	J. Armytage Batley, Esq.	5	0 6	175	931	36·64	181	142

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
WORCESTERSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—SEVERN—Right Bank Tributaries—(con.).									
d Tenbury (St. Michael's Obsy.)	F. Lowe, Esq.	5	1	0	314	968	38·11	189	144
d Rochford Rectory	Rev. Allan Ellison	5	1	0	315	964	37·95	184	155
d Stockton-on-Teme (Eardiston)	Miss M. Wallace	5	0	5	200	950	37·39	182	145
d Bewdley (Winterdyne)	Miss K. M. Sturt	5	1	0	175	929	36·56	191	151
2.—SEVERN—Left Bank Tributaries. 194 sq. mi.									
d Earl's Croome (Levant Lodge)	F. W. Burnett, Esq.	5	2	0	110	1024	40·31	189	140
Kempsey (Napleton Ho.)	Major H. Berkeley Hill	5	1	3	100	861	33·89	172	132
d Worcester (London Road)	Mrs. Power	5	1	0	150	900	35·45	205	..
d Worcester (Water Works)	T. Caink, Esq., C.E.	5	1	0	52	844	33·22	165	129
d Worcester (Barbourne)	B. Brotherton, Esq.	5	1	0	92	878	34·56	176	130
d Worcester (Bevere Lock)	E. J. Bradley, Esq.	5	1	1	52	829	32·65	171	134
d Droitwich (Friar Street Depôt)	H. Hulse, Esq., C.E.	12	4	0	98	1003	39·50	174	149
d Bromsgrove (Tardebigge Res.)	F. A. Jones, Esq., C.E.	5	4	6	455	911	35·87	192	145
d Barnt Green (Upwood)	Miss M. Gibbins	5	0	9	650	899	35·39	190	140
d Stourport (Lincombe Lock)	E. J. Bradley, Esq.	5	1	0	62	938	36·92	176	165
d Bewdley (C.E. School)	J. Bates, Esq.	8	1	0	80	937	36·87	182	139
d Kidderminster (Brinton Park)	J. T. Cowderoy, Esq.	5	1	0	160	889	35·00	193	139
d Kidderminster (Park Hall)	G. E. Wilson, Esq.	5	1	0	200	930	36·61	..	149
d Bewdley (Elan Aqueduct)	F. W. Macaulay, Esq., C.E.	5	1	0	91	939	36·99	188	152
d Halesowen (Romsley)	F. J. Dixon, Esq., C.E.	5	1	0	614	1002	39·44	186	155
d West Hagley (Glenthorpe)	W. Nock, Esq.	5	1	0	400	947	37·28	188	156
d Pedmore (The Dene)	T. Grazebrook, Esq.	5	0	6	340	935	36·80	..	..
d Stourbridge (Pumping Station)	G. P. Deeley, Esq.	8	1	0	215	961	37·85	185	154
d Netherton (Lodge Farm Res.)	H. K. S. Woodhouse, Esq., C.E.	5	1	0	445	850	33·46	175	137
d Dudley (Borough Cemetery)	F. H. Gibbons, Esq., C.E.	5	1	3	591	853	33·60	..	..
3.—SEVERN—Upper Avon. 260 sq. mi.									
d Blockley (Upton Wold)	E. W. Arkell, Esq.	5	1	0	800	1080	42·53	191	149
d Bredon (The Croft)	Jasper Lambert, Esq.	5	1	1	120	962	37·88	189	142
d Defford (Upper St.)	A. W. Butler, Esq.	5	2	6	105	874	34·41	190	137
d Evesham (Bengeworth)	Messrs. Ross Bros., Ltd.	5	1	0	128	797	31·38	174	136
d Evesham (Bengeworth)	F. E. Mason, Esq.	5	1	2	96	805	31·70	..	..
d Evesham (Lansdowne)	Miss E. M. Burlingham	5	5	0	108	925	36·41	167	139
d Evesham (Sewage Works)	L. Abbott, Esq.	8	3	0	86	855	33·68	190	143
d Evesham (High St.)	N. A. Field, Esq.	5	..	..	..	832	32·74	..	..
d Evesham (Great Hampton)	H. C. Boutflower, Esq.	5	1	0	130	864	34·03	177	137
d Evesham (Green Hill)	H. B. Pollard, Esq.	5	1	0	..	811	31·91	172	136
d Evesham (Norton Sch.)	J. H. Gibbs, Esq.	5	0	10	200	794	31·25	183	133
d Evesham (Norton)	Capt. R. H. Burlingham	5	1	3	112	850	33·47	..	138
d Evesham (Sheriffs Lench)	Dr. G. E. Harthan	5	1	0	350	835	32·88	177	134
d Fladbury Rectory	Rev. F. R. Lawson	5	4	4	70	774	30·48	184	137
d Pinvin (The Nurseries)	G. H. Channell, Esq.	5	1	0	118	985	38·79	..	..
d Alcester (Cookhill Co. School)	T. Barber, Esq.	5	1	0	400	848	33·39	188	..
d Redditch (Hewell Gardens)	Mr. F. Molyneux	5	1	0	469	933	36·74	184	159
d Alvechurch (Bordesley Hall)	A. H. Wiggan, Esq.	12	4	0	490	942	37·08	179	152
d Alvechurch (Fairfield)	D. McMichael, Esq.	5	1	0	412	988	38·91	176	148
d Bromsgrove (Lower Bittal Res.)	F. A. Jones, Esq., C.E.	5	3	0	457	940	37·02	206	150
4.—THAMES—Windrush & c. 10 sq. mi.									
5.—TRENT—Right Bank Tributaries. 56 sq. mi.									
d Halesowen (Frankley)	F. W. Macaulay, Esq., C.E.	5	0	10	570	1001	39·42	207	157
WARWICKSHIRE. (Area, 902 sq. mi.)									
1.—SEVERN—Upper Avon. 603 sq. mi.									
d Long Compton (Weston Park)	H. A. Warriner, Esq.	8	3	0	510	897	35·32	157	132
d Stratford-on-Avon (Milcote)	F. W. Jones, Esq., C.E.	5	1	6	122	754	29·70	158	130
d Stratford-on-Avon (Avonfield)	G. W. Everard, Esq.	5	0	8	120	798	31·41	169	..
d Bidford (Moor Hall)	E. H. Cubberley, Esq.	5	1	0	125	832	32·75	171	137
d Alcester (Ragley Hall)	Mr. C. Harding	5	1	0	270	885	34·84	..	137

DIVISION VI.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
WARWICKSHIRE—(con.).		in.	ft. in.	ft.	mm.	in.			
1.—SEVERN—Upper Avon—(con.).									
Ashorne (Victoria Cottage)	Mr. G. T. Osborn	5	1	0	160	786	30·95	..	..
D Stratford-on-Avon(Snitterfield) F. W. Jones, Esq., C.E.		5	1	6	274	786	30·94	164	134
Southam (Stockton House)	G. B. Blyth, Esq.	6	1	4	394	678	26·70	184	133
D Warwick Castle Gardens	Mr. H. F. Smale	5	1	0	197	814	32·04	197	141
Leamington (Radford House)	C. E. G. Hatherell, Esq.	5	1	2	240	799	31·44	172	148
D Leamington (PumpRoomGdns.) H. Gibbins Ward, Esq.		8	1	0	165	753	29·63	171	131
D Henley-in-Arden (Hillfield)	W. E. Milner, Esq.	5	1	0	450	810	31·89	181	134
Tanworth-in-Arden (School Hse) F. Davies, Esq.		5	3	6	504	941	37·05	..	..
D Lapworth Rectory	Lendon Bell, Esq.	5	1	0	436	869	34·20	166	140
D Dunchurch Lodge Gardens	Mr. W. Lavender	5	1	0	380	775	30·53	170	141
D Rugby (Bilton Grange)	J. S. Buckby, Esq.	5	1	0	400	664	26·15	156	124
D Rugby (Caldecott)	R. Broxton, Esq.	5	1	0	390	769	30·27	180	133
D Ryton-on-Dunsmore(RytonHo) Charles Browett, Esq.		5	1	2	260	867	34·14	169	143
D Coventry (City Hospital)	E. H. Snell, Esq., M.D.	8	1	0	271	813	32·00	190	131
D Coventry (Keresley Grange)	Miss H. Rotherham	5	0	10	413	894	35·20	224	144
2.—THAMES—Windrush & c. 2 sq. mi.									
3.—THAMES—Cherwell. 15 sq. mi.									
D Farnborough	Miss C. A. Prater	5	1	0	520	965	37·98	186	143
4.—TRENT—Right Bank Tributaries. 282 sq. mi.									
D Northfield (West Heath House) . J. B. Shewell, Esq.		5	1	0	590	923	36·32	187	144
D Solihull (Marsh Cottage)	Ivo L. Currall, Esq.	5	1	0	420	825	32·48	193	142
D Selly Oak (Bourneville)	Messrs. Cadbury Bros., Ltd.	5	1	0	432	958	37·72	194	151
D Selly Oak (South Hill)	W. Littleboy, Esq.	5	0	9	460	914	36·00	..	143
Selly Oak (Lodge Hill Cem.)	Mr. W. Garden	5	1	2	540	902	35·51	..	150
D Olton (Richmond Road)	G. F. Lyndon, Esq.	5	1	0	400	855	33·66	201	146
D Moseley (Prospect Road)	Rev. F. Oscar Lane	5	1	0	550	894	35·21	179	140
Moseley (Highfield Road)	J. Newland Brown, Esq.	8	1	9	550	927	36·51	194	141
D Birmingham (Sparkhill)	D. H. Owen, Esq.	5	1	0	426	902	35·52	194	142
D Birmingham (Edgbaston)	A. J. Kelley, Esq.	8	1	6	525	882	34·73	193	140
M Birmingham (The Crescent)	J. J. Gilbert, Esq.	5	7	0	480	917	36·09	..	..
D Birmingham (Erdington)	F. W. Macaulay, Esq., C.E.	5	1	2	472	780	30·71	189	144
d Castle Bromwich (Aerodrome)	Meteorological Office	8	1	0	270	756	29·78	..	..
D Minworth Greaves	Birmingham Drainage Bd.	8	0	6	259	734	28·90	190	143
D Whitacre(BirminghamW.W.)	F. W. Macaulay, Esq., C.E.	5	1	0	269	736	28·99	180	129
D Sutton Coldfield (The Park)	Mr. H. Harland	5	1	0	370	778	30·64	179	137

DIVISION VII.—NORTH MIDLAND COUNTIES.

LEICESTERSHIRE. (Area, 824 sq. mi.).

1.—SEVERN—Upper Avon. 41 sq. mi.									
D	Welford (The Reservoir)	.....	T. W. Millner, Esq.	.....	5	1	6	430	757 29·82 196 137
2.—WELLAND. 96 sq. mi.									
D	Market Harborough (Rose Hill)	.....	G. O. Nicholson, Esq.	.....	5	1	0	350	713 28·06 162 131
D	Kibworth Beauchamp	.....	E. V. Phillips, Esq.	.....	5	2	6	390	798 31·41 181 139
	Hallaton Hall	.....	Mr. T. Beers	.....	8	1	3	366	634 24·97
	Horninghold House	.....	Mr. B. Inchley	.....	5	1	6	380	640 25·19
D	Knossington Rectory	.....	Rev. G. G. Wilkinson	....	5	1	0	590	766 30·16 183 138
3.—WITHAM. 7 sq. mi.									
4.—TRENT—Right Bank Tributaries. 680 sq. mi.									
D	Peatling Magna (Peatling Ho.)	.....	Dr. C. Royds Jones	.....	5	1	1	354	721 28·40 169 128
D	Wistow Hall Gardens	.....	The Lord Cottesloe	.....	5	1	0	309	733 28·86 169 136
D	Countesthorpe (Wigston SewFm.)	.....	W. G. J. Clark, Esq., C.E.	.....	8	0	9	257	776 30·54 208 140
D	Leicester (Stoughton Drive)	.....	Theodore B. Ellis, Esq.	....	5	0	6	315	722 28·44 176 138

DIVISION VII.—NORTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.				
LEICESTERSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.	
4.—TRENT—Right Bank Tributaries—(con.)								
d Leicester (Town Hall Square) (+A) E. G. Mawbey, Esq., C.E.	5	0	6	212	665	26·19	172	136
d Leicester (Westcotes Drive) C. Modlen, Esq.	5	0	11	200	724	28·51	169	137
Leicester City Mental Hosp. . . S. C. Leak, Esq.	8	1	0	266	724	28·49	198	138
d Leicester (Gilroes Cemetery) . . E. G. Mawbey, Esq., C.E.	5	1	0	285	762	30·01	175	141
d Thornton Reservoir G. T. Edwards, Esq., C.E.	8	1	2	371	815	32·08	182	152
d Cropstone (Bradgate Res.) . . . G. T. Edwards, Esq., C.E.	8	1	0	246	871	34·27	186	159
d Barkby Hall. Victor R. Pochin, Esq.	5	0	6	227	722	28·41	182	143
d Swithland (The Brand) G. T. Edwards, Esq., C.E.	8	1	0	172	811	31·92	178	141
d Mountsorrel (Christ Ch. Vic.) . . Rev. S. H. Shakespear . .	5	1	0	210	711	28·02	182	126
d Barrow-upon-Soar (The Mount) Mrs. C. Stuart Thomson . .	5	1	6	..	702	27·65	..	130
d Hoby (The Grange) A. A. Ironside, Esq.	5	1	0	241	613	24·15	182	129
d Asfordby Rectory Rev. W. R. Finch	5	0	11	212	621	24·47	178	134
d Asfordby (Ironworks) Stanton Ironworks Co., Ltd.	5	1	0	300	634	24·96	175	127
d Melton Mowbray (White Lodge) H. K. Barker, Esq.	8	1	6	236	672	26·44	193	133
d Melton Mowbray Hon. Gerald Walsh.	5	1	0	345	661	26·04	189	130
d Charnwood For. (Blackbrook R) A. H. Walker, Esq., C.E. . .	5	1	0	379	711	28·00	197	143
d Loughborough (Nan Pantan Res) A. H. Walker, Esq., C.E. . .	8	1	0	269	813	32·02	194	139
d Loughborough (The Widenings) Adrian Young, Esq.	5	0	7	197	691	27·22	204	140
d Burton-on-the-Wolds (Burtn H.) Earl of Huntingdon.	5	1	0	270	665	26·19	..	..
d Prestwold Hall Mr. W. Coe	8	1	0	209	704	27·72	186	137
d Belvoir Castle Gardens. The Duke of Rutland, K.G.	8	1	0	259	704	27·73	186	128
RUTLAND. (Area, 152 sq. mi.).								
1.—WELLAND. 125 sq. mi.								
Uppingham School D. S. Oscroft, Esq.	5	0	8	460	697	27·42	178	129
d Uppingham (Ridlington) N. W. Wortley, Esq.	5	4	7	527	739	29·09	189	138
2.—WITHAM. 5 sq. mi.								
3.—TRENT—Right Bank Tributaries. 22 sq. mi.								
LINCOLNSHIRE. (Area, 2646 sq. mi.).								
1.—NENE. 100 sq. mi.								
d Tydd (North Level Sluice) . . . Mr. S. Fovargue	5	3	0	10	629	24·78	..	..
d Sutton Bridge (The Grange) . . Major A. N. Spencer.	5	0	9	14	580	22·84	..	..
d Long Sutton (Lutton Lodge) . . Mrs. T. A. Dring	5	2	2	20	610	24·03	187	126
2.—WELLAND. 341 sq. mi.								
d Market Deeping (Wilsthorpe) . . W. H. A. Court, Esq., C.E.	8	3	10	55	553	21·79	151	115
d Holywell Hall Lt.-Col. A. A. H. Reynardson	5	0	9	137	654	25·76	182	132
d Bourne (Secondary School) . . . L. Davies-Shiel, Esq. . . .	5	1	0	40	606	23·86	171	125
d Bourne (Guthram) F. S. Robins, Esq., C.E. . .	8	1	6	19	662	26·08	154	121
d Spalding (Pode Hole) H. Bain, Esq.	8	1	3	12	672	26·47	210	129
3.—WITHAM & C. 1085 sq. mi.								
d Stainby Rectory Rev. W. L. de B. Thorold	4	0	9	496	703	27·69	..	134
d Stroxton Rectory Rev. S. C. Wood	5	0	10	350	715	28·13	..	..
d Denton Manor Sir C. G. E. Welby, Bt., C.B.	5	1	0	310	690	27·15	184	130
d Grantham (Saltersford) H. Preston, Esq.	5	0	6	188	700	27·57	172	131
d Grantham (Guildhall) G. A. Ballard, Esq., C.E. . .	5	13	6	202	650	25·58	164	122
d Heydour Vicarage Rev. S. S. Herington	5	0	11	250	661	26·02	157	129
d Boston (Black Sluice, Skirbeck) . F. S. Robins, Esq., C.E. . .	8	1	3	11	615	24·20	176	130
d Boston (Grand Sluice) J. H. Johnson, Esq., C.E. . .	8	8	0	18	582	22·92	170	123
d Boston (Bargate End) A. O. Scrivener, Esq.	8	1	4	9	588	23·15	174	122
d Sleaford (Kesteven Mental Hos.) Dr. J. A. Ewan	5	1	0	100	593	23·36	176	121
d Fulbeck Hall Col. King Fane	5	1	0	180	569	22·42	231	112
d Cranwell Aerodrome (+A) The Meteorological Office . .	8	1	0	237	596	23·46	165	113
d Anwick Vicarage Basil W. Lee, Esq.	5	1	0	36	657	25·88	..	..
d New Leake (Lade Bank Engine) J. H. Johnson, Esq., C.E. . .	8	1	0	10	536	21·09	..	..

DIVISION VII.—NORTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
LINCOLNSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—WITHAM & C.—(con.).									
d Carrington Grange	Mr. T. J. Ward	5	6	0	15	671	26·42	158	133
d Wellngore	Miss A. S. Morley	5	1	0	245	623	24·54	177	118
d Navenby Rectory	Mr. J. Thompson	5	1	0	218	623	24·53	164	126
d Carlton-le-Moorland	J. Brocklebank, Esq.	5	1	2	49	658	25·89	..	..
d East Kirkby (E. Kirkby House)	Capt. R. S. Fieldsend	5	1	0	90	637	25·06	181	137
d Revesby Reservoir	T. H. Tyson, Esq.	5	2	0	124	661	26·02	159	135
d Woodhall Spa (Galm House)	J. Collins, Esq.	5	1	6	72	573	22·56	199	120
d Horncastle	H. R. Maynard, Esq.	5	2	0	120	624	24·55	175	125
d Lincoln (Swallowbeck)	W. R. Pennell, Esq.	8	1	0	34	613	24·15	187	120
d Lincoln (Skellingthorpe Hall)	A. H. Bergne-Coupland, Esq.	5	1	0	40	596	23·45	..	..
d Lincoln (Sessions House)	Arthur Smith, Esq.	5	1	3	58	565	22·23	160	105
d Lincoln (Cottesford Place)	late F. A. Peacock, Esq.	6	0	9	224	625	24·62	165	117
d Hackthorn Hall	E. W. Cracroft, Esq.	5	4	8	105	574	22·61	166	120
d Willingham-by-Stow	R. C. Bacon, Esq.	8	2	0	65	626	24·66	199	127
d Springthorpe Rectory	Rev. B. Davies	5	1	0	75	619	24·36	165	129
4.—GREAT EAU & C. 443 sq. mi.									
d Skegness (Marine Gardens)	F. A. Jenkins, Esq.	8	1	0	13	543	21·39	170	119
d East Keal Rectory	Rev. R. H. Simpson	5	0	7	180	576	22·67	173	120
d Spilsby (Ashby Road)	late J. Jarvis Rainey	5	1	0	160	619	24·36	159	128
d Hagworthingham (Glebe House)	Mr. R. Wright	5	1	8	240	632	24·88	180	134
d Alford (Finsbury Street)	Mr. E. Hodgson	5	1	0	29	589	23·21	241	125
d Mablethorpe (Trusthorpe Hall)	I. N. Woodiwiss, Esq.	8	1	3	10	783	30·84	208	133
d Louth (Westgate)	Rev. W. E. Yates	5	0	9	120	629	24·78	197	129
d S. Elkington (Elkington Hall)	Countess of Wilton	5	1	9	234	610	24·00	..	130
d Kirmond	C. Fieldsend, Esq.	5	1	2	309	688	27·08	182	133
d Wold Newton Manor	W. Maurice Wright, Esq.	5	1	6	230	664	26·14	..	..
d Grainsby Hall	Mr. J. Butters	5	1	0	75	655	25·79	207	135
5.—HUMBER—Right Bank Tributaries. 428 sq. mi.									
d North Willingham House	Mrs. Charles Wright	5	3	0	125	754	29·67	227	153
d Brigg (Bridge Street)	A. Atkinson, Esq., C.E.	8	1	2	11	601	23·67	182	137
d Cleethorpes (Kings Parade)	Urban District Council	5	1	0	24	586	23·07	169	118
d Grimsby (Abbey Road)	W. J. Wood, Esq.	5	3	6	23	614	24·19	160	131
d Brocklesby Park	Mr. F. C. Stainsby	5	2	0	107	721	28·37	171	144
d Winterton (Beech House)	Dr. E. J. Tongue	5	1	3	50	674	26·54	191	136
d Horkstow	E. J. Turton, Esq.	5	0	10	75	694	27·32	183	149
d Ferriby Sluice	A. Atkinson, Esq., C.E.	5	1	0	18	615	24·20	191	..
6.—TRENT—Right Bank Tributaries. 172 sq. mi.									
d Woolsthorpe	A. L. Newton, Esq.	..	1	3	182	662	26·05	..	..
d Swinderby (Ling Moor)	Cecil H. Wray, Esq.	5	1	0	50	699	27·52	171	149
d Torksey	Miss M. Burt	5	1	0	18	573	22·56	165	114
d Gate Burton Hall	The Hon. Mrs. Sandars	5	2	0	97	579	22·78	..	..
7.—TRENT—Left Bank Tributaries. 77 sq. mi.									
d Wroot (S. Level Pump Station)	Mr. F. S. Trafford	10	4	0	13	552	21·74	..	119
d Crowle (N. Level Pump Station)	Mr. H. G. Trafford	5	2	6	13	590	23·23	..	..
NOTTINGHAMSHIRE. (Area, 843 sq. mi.).									
1.—WITHAM. 10 sq. mi.									
2.—TRENT—Right Bank Tributaries. 218 sq. mi.									
d Loughborough (Costock School)	Miss S. E. Beecroft	5	1	0	167	705	27·75	181	132
d Sutton Bonington Agric. Coll.	O. D. Kimble, Esq.	5	1	0	158	589	23·17	181	125
d Plumtree (Normanton-on-Wolds)	T. A. Hill, Esq.	8	2	0	170	654	25·74	187	133
d Ruddington (Westlands)	J. D. Walker, Esq.	5	1	0	100	637	25·07	184	129
d Nottingham (Wilford Hill Res.)	F. W. Davies, Esq., C.E.	8	0	10	296	662	26·05	190	135
d Newark	J. W. Hipwood, Esq., C.E.	5	0	8	42	629	24·76	..	..

DIVISION VII.—NORTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
NOTTINGHAMSHIRE—(con.)		in.	ft. in.	ft.	mm.	in.		
3.—TRENT—Derwent. 2 sq. mi.								
4.—TRENT—Erewash. 42 sq. mi.								
d Nottingham (Strelley)	T. L. K. Edge, Esq.	8	1 0	396	724	28·50	199	141
d Nottingham (Strelley Hall)	T. L. K. Edge, Esq.	5	1 0	377	710	27·94	185	140
d Bulwell (Watnall Reservoir)	F. W. Davies, Esq., C.E.	8	0 11	472	786	30·95	210	142
d Eastwood Waterworks	F. W. Davies, Esq., C.E.	8	1 2	244	704	27·71	169	133
d Eastwood Hall	Messrs. Barber Walker & Co.	5	1 0	218	883	34·767	176	126
d Eastwood (Moorgreen Res.)	Great Northern Rly. Co.	5	6 0	301	793	31·20	195	145
d Annesley (Selston W.W.)	S. Maylan, Esq.	5	1 0	475	738	29·06	174	131
5.—TRENT—Left Bank Tributaries. 569 sq. mi.								
Beeston (Council Depot)	E. A. Bush, Esq.	5	1 0	120	667	26·27	187	..
d Lenton (Lenton Fields)	R. F. T. Granger, Esq.	8	1 0	132	655	25·79	187	132
d Nottingham (Trent Lane)	(A.) T. Wallis Gordon, Esq., C.E.	8	1 0	85	639	25·16	178	122
d Nottingham (The Castle)	T. Wallis Gordon, Esq., C.E.	8	1 0	192	665	26·17	171	122
d Nottingham (Burford Road)	A. B. Tinn, Esq.	5	1 0	170	703	27·68	178	128
d Nottingham (Stoke Bardolph)	T. Wallis Gordon, Esq., C.E.	8	1 0	66	638	25·11	..	..
d Nottingham (Mapperley Hill)	Dr. G. L. Brunton	8	1 0	400	679	26·74	177	143
d Bagthorpe (Isolation Hospital)	P. Boobbyer, Esq., M.D.	8	2 0	189	736	28·97	193	138
d Nottingham (Basford W.W.)	F. W. Davies, Esq., C.E.	8	1 0	169	705	27·75	175	128
d Burton Joyce Water Works	F. W. Davies, Esq., C.E.	8	0 9	65	700	27·57	165	137
d Bulcote (Corporation Farm)	T. Wallis Gordon, Esq., C.E.	10	1 3	65	635	25·01	..	..
Lowdham (Chilwell Nurseries)	Mr. J. D. Pearson	5	1 5	90	609	23·99	..	..
d Bulwell (Bestwood W. W.)	F. W. Davies, Esq., C.E.	8	1 2	317	654	25·76	164	123
d Daybrook (Red Hill Reservoir)	F. W. Davies, Esq., C.E.	8	0 11	407	766	30·15	208	141
d Daybrook (Ramsdale Hill Res.)	F. W. Davies, Esq., C.E.	8	0 11	495	775	30·53	211	141
Bulwell Hall Park	T. Wallis Gordon, Esq., C.E.	8	1 0	252	759	29·87	176	..
d Papplewick (Water Works)	F. W. Davies, Esq., C.E.	8	0 10	317	743	29·26	189	141
Southwell (The Residence)	Vn. Acn. W. J. Conybeare	5	1 0	106	683	26·91	165	132
d Southwell (Elmfield)	Dr. H. Handford	5	1 0	133	681	26·79	166	126
d Sutton-in-Ashfield (Rushley P.S.)	Messrs. G. & F. W. Hodson	5	1 0	462	747	29·42	165	134
d Sutton-in-Ashfield (Sew. Wks.)	F. J. Grierson, Esq.	5	1 0	453	787	30·98	191	147
d Mansfield (Rainworth W.W.)	J. Gibson, Esq., C.E.	5	1 0	360	740	29·15	194	136
d Mansfield (West Bank)	W. Pickard, Esq.	8	1 0	405	730	28·73	201	134
d Mansfield (Debdale Hall)	Francis N. Ellis, Esq.	5	0 8	400	770	30·33	..	134
d Clipstone Water Works	J. Gibson, Esq., C.E.	5	1 0	225	654	25·74	179	125
d Ollerton (Boughton W.W.)	F. W. Davies, Esq., C.E.	8	0 7	141	631	24·85	180	128
d Ollerton (Thoresby Gardens)	Mr. A. J. Simmons	5	1 0	125	590	23·24	157	118
d Clumber Gardens	A. E. Elliott, Esq.	5	4 0	164	650	25·60	202	137
Elkesley Pumping Station	C. Horobin, Esq., C.E.	5	1 0	120	591	23·27	170	114
d Worksop (Carlton Road)	J. Edeson, Esq.	5	1 1	130	591	23·27	188	128
Worksop (Osberton Gardens)	Mr. John McWhan	5	3 6	70	563	22·15	..	122
d Retford (Morton Hall)	W. H. Mason, Esq.	5	1 0	140	607	23·89	..	..
d Retford (Sewage Disposal Works)	R. E. Wilson, Esq.	5	1 0	74	691	27·20	216	147
d Retford (Babworth Hall)	Capt. J. A. C. Whitaker	5	1 6	98	591	23·28	..	..
d Worksop (Wigthorpe Hill)	R. C. Ramsden, Esq.	5	1 0	100	603	23·74	165	126
d Worksop (Hodsock Priory) (+ A)	Lt.-Col. H. Mellish, C.B.	8	1 0	56	608	23·92	187	124
d Scrooby	Mr. J. Mallender	5	1 0	44	579	22·78	174	122
d Bawtry Hall (The Gardens)	Mr. F. E. Hogbin	5	1 3	31	560	22·04	161	112
6.—OUSE—Don. 2 sq. mi.								
DERBYSHIRE. (Area, 1029 sq. mi.).								
1.—MERSEY, UPPER. 93 sq. mi.								
d Glossop W. W. (Swineshaw)	W. A. Mitchell, Esq.	12	3 0	733	1038	40·85	217	176
2.—MERSEY—Weaver. 2 sq. mi.								
3.—TRENT—Right Bank Tributaries. 68 sq. mi.								
d Repton (The Croft)	H. C. Hayward, Esq.	5	1 4	170	710	27·96	202	146
d Stanton-by-Bridge W.W.	T. Hardy, Esq., C.E.	8	1 2	144	651	25·64	..	..

DIVISION VII.—NORTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
DERBYSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—TRENT—Dove. 156 sq. mi.									
Somersall Herbert Rectory....	Rev. C. E. B. Deacon.....	5	1	0	370	808	31·81	..	..
d Snelston Hall	Mr. A. Bennett.....	5	1	0	531	936	36·87	198	164
d Ashbourne Water Works	E. Wright, Esq.....	5	1	0	582	937	36·91	184	149
d Ashbourne (The Mansion).....	R. E. Sadler, Esq.....	5	1	0	396	942	37·09	213	160
5.—TRENT—Left Bank Tributaries. 84 sq. mi.									
Findern (The Longlands)	late Mrs. B. W. Spillsbury .	5	0	9	186	642	25·28	174	140
d Etwall (Blakeley Lodge)	G. Edge Laban, Esq.	5	1	0	190	701	27·61	..	..
d Etwall (Sewage Farm)	Mr. B. Hydes	5	1	8	201	694	27·32	..	147
d Mickleover (C. Mental Hospital)G. V. Bartlett, Esq., M.D.		5	3	0	300	708	27·86	..	144
d Mickleover (Clyde House)	Mr. J. Campbell	5	6	0	280	761	29·94	210	153
Littleover (The Knoll)	W. Blews Robotham, Esq. .	5	1	0	300	710	27·96	201	143
d Littleover (Hilltop).....	E. McInnes, Esq.	5	2	6	346	722	28·42	209	154
6.—TRENT—Derwent. 428 sq. mi.									
d Spondon (Derby Sewage Wks.)..	C. A. Clews, Esq., C.E.	5	1	3	135	727	28·62	197	142
d Derby (Osmaston Rd.)	Sir Henry Fowler	5	2	0	150	733	28·87	180	142
d Derby (Wild Street)	Messrs. J. Davis & Son, Ltd.	5	1	0	174	763	30·04	221	153
d Derby (L.M. & S. Railway).....	J. Sayers, Esq.	5	1	5	156	700	27·56	178	134
d Derby (Royal Infirmary)	W. Banks, Esq.	5	1	0	195	726	28·58	..	153
d Derby (The Arboretum).....	C. A. Clews, Esq., C.E.	8	1	0	196	717	28·25	178	138
Kirk Langley (Langley Hall) ..	G. W. Peach, Esq.	5	1	5	396	827	32·58	202	152
d Duffield (The Kirkstyles)	Messrs. J. Davis & Son ...	5	2	0	235	829	32·63	217	160
d Belper (Herbert Strutt Sch.) ..	Cecil Round, Esq.	5	0	8	223	811	31·94	193	149
d Belper (Fernslope)	F. J. Jackson, Esq.	5	1	6	356	816	32·11	191	149
d Belper (Quarry Bank)	J. Hunter, Esq., C.E.	5	0	10	281	802	31·56	194	154
Ambergate Reservoir ..	No. 61 S. B. Winser, Esq., C.E. .	5	1	0	700	803	31·62	..	..
Wirksworth (Manor House).....	T. Atkinson, Esq.	5	1	0	498	1045	41·16	199	..
d Whatstandwell (Meerbrk Sough)	Messrs G. & F. W. Hodson	5	1	0	246	904	35·58	193	144
d Brackenfield (Lindway Res.)...	R. F. Ward, Esq., C.E.	5	1	0	595	956	37·63	188	145
d Matlock Bath (Lower Tower) ..	Miss E. Chadwick	5	1	1	500	955	37·62	..	..
d Matlock (Rockside Hydro.).....	J. H. Goodwin, Esq.....	5	1	0	638	967	38·08	206	155
d Darley Hall	A. Clay, Esq.	5	1	0	400	885	34·83	202	147
d Darley Dale(StancliffeHall)(R)	Maj. T. Bedford Franklin .	8	1	0	560	1047	41·21	193	163
d Clay Cross (Press Reservoirs) ..	Gilbert Frith, Esq., C.E. .	8	1	0	810	973	38·29	169	156
Chatsworth Gardens	Mr. J. G. Weston.....	5	1	0	436	747	29·41	197	..
d Baslow (Over End)	A. E. Payne, Esq.	5	1	0	500	825	32·46	213	152
d Buxton (Portobello Bar)	F. Langley, Esq., C.E.	8	1	0	1600	1468	57·81	254	198
d Buxton (Stanley Moor)	F. Langley, Esq., C.E.	8	1	0	1340	1383	54·43	252	193
d Buxton (Burbage Edge).....	F. Langley, Esq., C.E.	8	1	0	1400	1399	55·07	253	197
d Buxton (Devonshire Hospital) .	Miss E. W. Pilkington	5	1	0	988	1306	51·43	228	190
d Holmesfield (Barbrook Res.) ..	Gilbert Frith Esq., C.E. .	8	1	0	1080	770	30·32	195	148
d Bamford (Engineer's Office) 60	S. B. Winser, Esq., C.E. .	8	2	0	510	958	37·72	246	169
Bamford Filters.....	No. 70 S. B. Winser, Esq., C.E. .	8	1	0	656	906	35·66	..	..
d Hope (Killhill Bridge) No. 56	D. W. Chadwick, Esq. ..	5	1	0	555	985	38·76	222	169
Bamford (YorkshireBr.Weir)59	S. B. Winser, Esq., C.E. .	5	1	0	540	696	27·39	..	..
Derwent Vicarage	No. 67 S. B. Winser, Esq., C.E. .	8	1	0	675	1099	43·25	..	..
Derwent(LockerbrookPlant)68	S. B. Winser, Esq., C.E. .	5	1	0	782	1241	48·86	..	..
Derwent Dam	No. 26 S. B. Winser, Esq., C.E. .	5	1	0	790	1167	45·95	..	..
Woodland Dale(Woodlnds,S)48	S. B. Winser, Esq., C.E. .	5	1	0	1044	1044	41·09	..	..
d WoodlandDale(Woodlnds,N)47	S. B. Winser, Esq., C.E. .	5	1	0	1063	1208	47·56	..	..
d Hayfield (Ashop Head) No. 43	S. B. Winser, Esq., C.E. .	5	1	0	1650	1229	48·40	..	..
Derwent Dale (Shire Owlers) 69	S. B. Winser, Esq., C.E. .	5	1	0	825	1179	46·40	..	..
DerwentDale(Birchinlee) No.23	S. B. Winser, Esq., C.E. .	8	1	0	870	1267	49·87	..	..
Westend Bridge	No. 66 S. B. Winser, Esq., C.E. .	5	1	0	878	1226	48·27	..	..
d Lady Clough Moor.....	No. 41 S. B. Winser, Esq., C.E. .	5	1	0	1720	1288	50·70*	..	..
d Lady Clough Moor.....	No. 41 A. S. B. Winser, Esq., C.E. .	5	1	0	1720	1455	57·30*	..	..
Coldharbour Moor (Summit) 39	S. B. Winser, Esq., C.E. .	5	1	0	1670	1199	47·20	..	..
Derwent Dale (Howden Dam)17	S. B. Winser, Esq., C.E. .	8	1	0	829	1193	46·97	..	..
Derwent Dale (Ridge Farm) 13	S. B. Winser, Esq., C.E. .	8	1	0	1175	1158	45·60*	..	..
Derwent Dale (Ridge Farm)13A	S. B. Winser, Esq., C.E.	8	1	0	875	1264	49·78	..	..

* Gauge over-exposed to wind.

DIVISION VII.—NORTH MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in or more.
		Diam.	Height Ground	above Sea Level.		1924			
DERBYSHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
6.—TRENT—Derwent—(con.).									
M Alport Moor (Glethering Cl.)	40 S. B. Winsor, Esq., C.E. . .	5	1	0	1640	1271	50·05	..	..
M Alport Moor (Glethering Cl.)	40A. S. B. Winsor, Esq., C.E. . .	5	1	0	1640	1275	50·19	..	..
M Westend Moor (Blacklow Cote)	15 S. B. Winsor, Esq., C.E. . .	5	1	0	970	1261	49·63	..	..
Westend Moor	No. 10 S. B. Winsor, Esq., C.E. . .	5	1	0	1560	1272	50·07	..	..
Alport Moor	No. 38 S. B. Winsor, Esq., C.E. . .	5	1	0	1790	1318	51·90*	..	..
M Alport Moor	No. 38A. S. B. Winsor, Esq., C.E. . .	5	1	0	1790	1402	55·20	..	..
Derwent Dale (Slippery Stones)	62 S. B. Winsor, Esq., C.E. . .	5	1	0	908	1150	45·26	..	..
M Ridgewalk Moor	No. 9 S. B. Winsor, Esq., C.E. . .	5	1	0	1650	1278	50·31	..	..
M Broadhead Clough	No. 63 S. B. Winsor, Esq., C.E. . .	5	1	0	1005	1293	50·89	..	..
7.—TRENT—Erewash. 50 sq. mi.									
D Codnor (Cross Hill)	A. F. Pine, Esq.	5	1	0	372	760	29·93	189	146
D Codnor Park	S. Winson, Esq.	5	1	0	243	761	29·95	215	148
8.—OUSE—Don. 148 sq. mi.									
Hardwick Hall Gardens	Mr. E. Wilson	8	2	6	594	706	27·80	..	..
D Chesterfield (Walton San.)	Dr. A. Niven Robertson . .	5	1	0	450	787	30·97	191	135
d Chesterfield (Sewage Works) . . .	Mr. W. Tomlinson	5	2	0	222	661	26·03	..	..
D Chesterfield (Linacre Res.)	Chesterfield Water Board .	8	1	0	460	828	32·59	194	157
D Chesterfield (Linacre Res.)	Chesterfield Water Board .	5	1	0	490	784	30·86	194	157
d Chesterfield (Tapton Grove)	Mr. W. R. Bloxham	5	4	0	400	735	28·94	..	..
D Totley Hall	W. A. Milner, Esq.	5	1	0	700	885	34·85	207	159
D Eckington (Camms End. Sch.)	A. W. H. Hill, Esq.	5	1	0	200	704	27·71	179	139
D Eckington (Mosbrough C.E. Sch.) . .	W. H. Holmes, Esq.	5	1	0	330	682	26·84	197	134

DIVISION VIII.—NORTH-WESTERN COUNTIES.

CHESHIRE. (Area, 1,027 sq. mi.).

1.—MERSEY, UPPER. 269 sq. mi.

D Langley (Bottoms Res.)	E. Hamson, Esq., C.E. . .	5	1	0	664	1035	40·74	216	187
D Macclesfield (Leadbeaters Res.) . .	E. Hamson, Esq., C.E. . .	5	1	0	608	919	36·19	220	166
D Macclesfield (West Park)	E. Hamson, Esq., C.E. . .	5	1	0	501	980	38·58	208	175
D Rainow (The Clough)	Miss Anna Neave	5	1	0	815	985	38·76	237	176
D Knutsford (Hazlefield)	H. P. Ashworth, Esq. . .	5	1	0	213	914	35·98	216	163
D Wilmslow (Parkside)	late J. H. Neave, Esq. . .	8	1	0	255	875	34·45	224	174
D Wilmslow (Dean Row)	J. H. Cooke, Esq.	5	1	0	292	923	36·35	218	179
D Kettleshulme (Glebe House)	A. Y. Barker, Esq.	5	1	6	850	1161	45·71	222	187
D Poynton (Waterloo)	C. F. Butterworth, Esq. . .	5	1	0	397	917	36·11	224	177
D Disley (Lyme Park)	T. Molyneux, Esq., C.E. .	5	1	0	674	953	37·54	208	170
D Disley (Lyme Park)	T. Molyneux, Esq., C.E. .	5	1	0	720	919	36·20	208	169
d Bramhall (Bramhall Lane)	S. O'Dwyer, Esq.	5	1	0	256	918	36·13	..	..
D Runcorn (Weston Point)	Col. J. A. Saner, C.E. . .	8	1	4	17	960	37·81	208	173
D Thelwall (The Clough)	E. W. Reynolds, Esq. . .	5	1	0	95	984	38·74	207	175
d Altrincham (Hale)	F. C. Lamb, Esq., Jnr. . .	5	1	0	122	926	36·44	..	..
Altrincham (Norman's Place)	Miss G. A. Griffiths	5	8	0	150	973	38·29	207	..
Altrincham (Barrington House) . . .	C. E. Newton, Esq., C.E. .	8	2	6	103	933	36·73	..	..
Cheadle (Adswold)	R. W. Wright, Esq.	5	0	6	186	893	35·15	..	..
Northenden (Wythenshawe Hill) . . .	R. H. J. Tatton, Esq. . .	5	1	0	114	883	34·77	217	161
D Carrington Vicarage	Rev. J. S. Addison	5	2	0	55	858	33·77	215	160
Godley Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	500	895	35·23	..	..
D Broadbottom (Harewood Lodge) . . .	Col. W. Sidebottom	5	1	0	440	977	38·45	193	179
D Dukinfield (Higher Reservoir) . . .	G. H. Raddin, Esq., C.E. .	8	1	6	495	822	32·37	205	160
D Dukinfield (Lower Reservoir) . . .	G. H. Raddin, Esq., C.E. .	5	1	0	435	887	34·94	205	157
Arnfield Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	512	1048	41·25	..	..
Rhodes Wood Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	545	1070	42·11	..	..
Torside Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	669	1095	43·12	..	..

* Gauge over-exposed to wind.

DIVISION VIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
CHESHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—MERSEY, UPPER—(con.).									
d Stalybridge (Market Ground Yd.)	G. H. Raddin, Esq., C.E.	5	1	0	373	1045	41·14	206	173
d Stalybridge (Brushes Filter Ho.)	G. H. Raddin, Esq., C.E.	8	1	6	616	1067	42·02	218	181
d Swineshaw Moor (Lees Hill)	G. H. Raddin, Esq., C.E.	5	1	0	1168	1083	42·62	..	..
Woodhead Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	815	1161	45·72	..	..
2.—MERSEY—Weaver. 489 sq. mi.									
d Nantwich (Dorfold Hall)	Col. J. A. Saner, C.E.	8	1	0	190	886	34·87	222	160
d Nantwich (Reaseheath Hall)	Col. J. A. Saner, C.E.	8	1	0	130	837	32·97	249	161
d Crewe (Weston Lane)	A. Newlands, Esq.	12	4	0	186	840	33·08	..	..
d Crewe (Isolation Hospital)	E. G. Timbrell, Esq., C.E.	5	1	0	172	847	33·34	..	..
d Congleton (Sewage Works)	W. H. Duncan Arthur, Esq., C.E.	5	1	0	248	885	34·85	208	181
d Congleton (Buglawton Vicarage)	Col. J. A. Saner, C.E.	8	5	0	347	865	34·06	235	173
d Tarporley (Tirley Garth Gdns.)	Mr. J. B. Allan	5	3	6	450	891	35·06	218	163
d Middlewich	Messrs. Brunner, Mond & Co.	5	3	10	138	857	33·72	210	156
d Middlewich (Bostock Hall)	Capt. W. H. France-Hayhurst	5	2	0	157	871	34·30	..	..
d Delamere (Linnere)	Office of Woods	..	..	..	250	863	33·98	220	163
d Norley (Jewish School)	Miss H. P. Landon	5	0	10	260	869	34·20	201	171
d Northwich (Hunts Lock)	Col. J. A. Saner, C.E.	8	1	0	47	889	35·02	226	170
d Northwich (Winnington)	Messrs. Brunner, Mond & Co.	5	1	0	64	856	33·71	214	163
d Northwich (Barnton)	Giles Owen, Esq.	5	1	0	175	902	35·51	220	168
d Northwich (Lostock Gralam)	Messrs. Brunner, Mond & Co.	5	3	6	75	895	35·24	202	165
3.—MERSEY, LOWER & C. 142 sq. mi.									
d Ince Hall	Mrs. Park-Yates	5	1	0	95	1010	39·76	222	175
d Hooton Water Works	A. J. Robinson, Esq.	5	1	0	97	906	35·66	..	153
d Eastham House	Sir J. Herbert Vernon, Bart.	5	1	0	100	945	37·21	220	162
d Wirral W. W. (Prenton)	A. J. Robinson, Esq.	5	1	0	91	829	32·63	193	151
d Rock Ferry (Elmhurst)	Miss Shepherd	8	6	0	100	957	37·66	202	157
d Rock Ferry (Highfield South)	R. H. Arundell, Esq.	5	1	0	80	961	37·81	..	..
d Birkenhead (Bidston Obs'y.) (+A)	W. E. Plummer, Esq.	8	1	0	189	835	32·87	211	153
d Hoylake (District Council Office)	R. W. Fraser, Esq.	5	1	0	29	879	34·61	203	158
d New Brighton (Marine Park)	Dr. T. W. N. Barlow	5	1	0	35	902	35·51	200	150
4.—DEE. 127 sq. mi.									
Pulford School	"Chester Chronicle"	..	..	..	..	837	32·96	..	..
d Eaton Hall Gardens	Mr. N. F. Barnes	5	3	0	72	792	31·19	199	145
d Eccleston	E. Wells, Esq.	5	1	1	94	881	34·69	199	154
d Rowton (Holly Bank)	R. J. Salmon, Esq.	5	1	5	123	939	36·98	193	143
d Chester (Abbot's Park)	J. H. Howell, Esq.	5	1	1	63	831	33·52	198	153
d Chester (Boughton)	Rev. Canon T. Urmson	5	1	0	58	816	32·12	195	146
d Chester (Sewage Works)	F. W. Davis, Esq.	5	1	0	34	862	33·94	..	..
d Chester (Water Works)	C. Wilfrid Bennett, Esq.	5	0	10	85	824	32·44	195	147
d Chester (Water Works)	C. Wilfrid Bennett, Esq.	8	6	0	89	793	31·21	194	143
d Capenhurst Hall	R. T. Richardson, Esq.	5	5	10	130	1001	39·40	212	172
d Neston (Vine House)	H. F. Russell, Esq.	5	1	0	111	842	33·16	202	155
d Heswall (Gayton Cottage)	L. N. Brooke, Esq.	5	1	0	29	868	34·19	..	140
d West Kirby (Caldy Manor)	Mr. E. L. Barker	5	0	11	132	858	33·78	201	148
d West Kirby (Hilbre House)	Egerton Macdonald, Esq.	5	0	9	25	861	33·90	..	..
d West Kirby (Princes Av.)	Miss G. S. Kirkby	5	1	0	80	882	34·71	203	154
d West Kirby (St Andrew's Vic.)	Rev. E. F. Robson	5	0	9	20	825	32·48	190	140
d West Kirby (Deeside Nursery)	H. Ward, Esq.	5	1	6	45	847	33·37	198	145
SOUTH LANCASHIRE. (Area, 687 sq. mi.).									
1.—ALT & C. 103 sq. mi.									
d Great Crosby (Farnley)	J. Appleby, Esq.	5	1	0	53	905	35·63	199	155
d Blundellsands (Myra)	(+A) H. Montgomery, Esq.	5	1	0	35	915	36·01	208	151
d Ormskirk (Bickerstaffe P. Stn.)	C. Burton Ede, Esq., C.E.	5	1	2	128	1106	43·56	..	..
d Ormskirk (Springfield P. Stn.)	C. Burton Ede, Esq., C.E.	5	0	11	70	1101	43·33	..	..
d Formby (The Dunes)	J. Harold Coney, Esq.	5	..	..	..	932	36·68	..	..
d Downholland (Barton Moss)	J. Baxendell, Esq.	5	1	0	15	946	37·23	..	..

DIVISION VIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
SOUTH LANCASHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—MERSEY, LOWER. 240 sq. ml.									
Garston	J. A. Brodie, Esq., C.E.	10	1	10	84	1157	45·54	220	177
Garston (Grassendale Park)	Miss E. C. Abraham	5	1	0	35	972	38·27	203	171
Aigburth (Holmfield)	Miss Maxwell	5	1	0	100	987	38·86	222	168
Aigburth (Beech Lawn)	T. H. Edwards, Esq.	8	1	0	120	958	37·71	216	164
Woolton (Roseleigh Gardens)	Mr. J. Stoney	8	1	0	184	1066	41·97	216	184
Warrington (Howley Yard)	A. M. Ker, Esq.	10	0	9	26	874	34·40	190	164
Liverpool (Smithdown Road)	J. A. Brodie, Esq., C.E.	10	0	9	135	1008	39·70	219	161
Liverpool (Rathbone Road)	J. A. Brodie, Esq., C.E.	10	1	0	199	1143	44·99	215	168
Liverpool (Lark Lane)	J. A. Brodie, Esq., C.E.	10	10	8	101	1063	41·84	223	169
Liverpool (Newsham Park)	J. A. Brodie, Esq., C.E.	10	1	0	140	1053	41·47	217	169
Liverpool (Breeze Lane)	J. A. Brodie, Esq., C.E.	5	0	9	135	1007	39·63	213	167
St. Helen's (Eccleston Hill)	A. W. Bradley, Esq.	12	3	0	268	980	38·60	219	164
St. Helen's (Victoria Park)	F. Hauxwell, Esq., M.O.H.	8	1	5	160	990	38·98	215	174
Earlestown (Newton Cemetery)	T. E. Clough, Esq.	5	1	0	75	939	36·95		
Leigh (Sewage Wks.)	D. Ledson, Esq.	5	1	0	67	993	39·10	231	181
Leigh (Leesrigg)	Maj. T. Hunter, V.D., C.E.	5	1	0	71	957	37·69	218	178
3.—MERSEY—Irwell. 299 sq. ml.									
Manchester (Whalley Range)	F. Edwards, Esq.	5	1	0	90	860	33·86	231	175
Manchester (Hullard Park)	E. Worrall, Esq., C.E.	8	1	1	100	946	37·23	197	177
Urmston (Sew. Wks., Davyhulme)	G. F. Walter, Esq.	8	2	2	72	916	36·07	221	167
Manchester (Godlee Observ'y)	W. C. Jenkins, Esq.	8	1	6	140	921	36·26	200	171
Manchester (Oldham Road)	Dr. R. Veitch Clark	5	1	0	191	921	36·24	219	174
Manchester (Whitworth Park)	Manchester University	8	1	5	125	914	35·99	234	171
Ashton-und.-Lyne (Knott H. Res.)	G. H. Raddin, Esq., C.E.	8	1	0	605	1148	45·20	212	186
Prestwich Sewage Works	M. A. Piercy, Esq., C.E.	8	1	0	136	1052	41·40	225	177
Prestwich Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	357	941	37·05		
Prestwich (Heaton Park)	Manchester Corporation	8	1	0	312	1030	40·56	216	181
Oldham Gas Works	Ernest Parry, Esq., C.E.	5	3	8	621	1254	49·38	231	186
Oldham (Brushes Clough) No. 1	C. J. Batley, Esq., C.E.	5	4	0	930	1339	52·72	237	199
Oldham (Brushes Clough) No. 2	C. J. Batley, Esq., C.E.	5	5	0	955	1345	52·97	237	194
Oldham (Brushes Clough) No. 3	C. J. Batley, Esq., C.E.	5	1	0	921	1379	54·31	237	200
Bolton (Queen's Park)	(+A) T. Midgley, Esq.	5	1	0	342	1244	48·96	222	180
Bolton (Heaton Reservoir)	J. K. Swales, Esq., C.E.	5	1	0	500	1293	50·90	234	195
Bolton (Bloomfield, Heaton)	Mrs. F. Taylor, J.P.	5	1	0	530	1154	45·43	253	193
Bolton (Smithills Hall)	Col. R. H. Ainsworth	8	1	2	510	1333	52·50	200	183
Bolton (Smithills Moor)	Col. R. H. Ainsworth	8	1	2	1375	1468	58·30		
Bolton (Egerton House)	E. H. Ashworth, Esq.	5	1	0	633	1439	56·65		
Bury (Parsons Lane)	R. B. Rigby, Esq.	8	9	6	316	1194	47·01	225	193
Bradshaw (Sewage Works)	Turton U.D.C.	5	1	9	324	1159	45·62		171
New Hey (Sewage Works)	Mr. J. B. Ogden	5	1	0	514	1090	42·92	223	179
Milnrow (Butterworth Hall)	C. J. Batley, Esq., C.E.	5	1	0	512	1247	49·11	241	190
Milnrow (Piethorne, Kitcliffe)	C. J. Batley, Esq., C.E.	5	4	6	769	1253	49·33	230	182
Milnrow (Piethorne, Kitcliffe) New	C. J. Batley, Esq., C.E.	5	1	0	766	1344	52·91	230	189
Milnrow (Piethorne, Coldgreave)	C. J. Batley, Esq., C.E.	5	4	6	894	1183	46·59	230	184
Milnrow (Piethorne, Coldgreave) New	C. J. Batley, Esq., C.E.	5	1	0	832	1338	52·68	230	189
Rochdale (Roch Mills Sew. Wks.)	S. H. Morgan, Esq.	8	1	1	363	1227	48·32	228	191
Rochdale (Broadfield Pk. Obsy.)	Dr. A. G. Anderson	8	0	6	472	1215	47·82	229	189
Rochdale (Fieldhead Yard)	S. H. Morgan, Esq.	8	12	0	484	1081	42·54	208	179
Rochdale (Ashworth Moor Res.)	J. S. Diggle, Esq., C.E.	5	1	2	956	1244	48·97	215	183
Bury (Gin Hall)	No. 1 J. Woodhead Smith, Esq. CE	8	1	0	475	1234	48·59	228	187
Bury (Gin Hall)	No. 2 J. Woodhead Smith, Esq. CE	8	1	0	475	1280	50·39	228	188
Belmont (Springs Reservoir)	J. K. Swales, Esq., C.E.	5	1	0	800	1571	61·83	243	193
Belmont (Hordern)	J. K. Swales, Esq., C.E.	5	1	0	1160	1603	63·10		
Belmont (Longworth)	J. K. Swales, Esq., C.E.	5	1	0	770	1532	60·32		
Rochdale (Hamer Pasture Res.)	H. A. Braddock, Esq.	5	1	0	760	1275	50·19	223	182
Rochdale (Naden Filters)	J. S. Diggle, Esq., C.E.	5	1	8	761	1266	49·86	220	186
Norden (Higher Red Lumb)	J. S. Diggle, Esq., C.E.	5	1	2	1125	1324	52·12		
Norden (Far Knowl Farm)	J. S. Diggle, Esq., C.E.	5	0	10		1269	49·98		
Rochdale (Naden Dean) old g.	J. S. Diggle, Esq., C.E.	5	1	4	948	1075	42·31		
Rochdale (Naden Dean) new g.	J. S. Diggle, Esq., C.E.	5	1	4	948	1151	45·31		
Littleborough (Hollngwrth Lke)	C. J. Batley, Esq., C.E.	8	1	0	610	1115	43·91	228	190

DIVISION VIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
SOUTH LANCASHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.	
3.—MERSEY—Irwell—(con.).								
Littleborough (Broadhead)	C. J. Batley, Esq., C.E.	8	1	0	1300	1215	47·85	.. ..
Littleborough (Bickstne Edge) . . .	C. J. Batley, Esq., C.E.	8	1	0	1268	1269	49·95	.. ..
Littleborough (Uppr Chlburn) . . .	C. J. Batley, Esq., C.E.	8	1	0	725	1303	51·31	220 193
Littleborough (Chelburn)	C. J. Batley, Esq., C.E.	8	1	0	700	1121	44·14	218 189
M Ramsbottom (Killgate Brook) . . .	J. S. Diggie, Esq., C.E.	5	1	0	977	1355	53·34	.. ..
M Ramsbottom (Cheesden Barn) . . .	J. S. Diggie, Esq., C.E.	5	1	0	997	1311	51·62	.. ..
D Edenfield (Scout Moor Res.) No.1 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1275	1184	46·61	240 173
D Edenfield (Scout Moor Res.) No.2 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1275	1315	51·79	240 175
D Waterfoot (Cragg Reservoir) . . .	F. W. Mozley, Esq., C.E.	5	1	0	1425	1565	61·63	257 199
D Waterfoot (Cowpe Reservoir) . . .	F. W. Mozley, Esq., C.E.	5	1	0	1026	1520	59·84	257 201
D Rochdale (Spring Mill Whitworth) .	H. A. Braddock, Esq.	5	1	7	720	1419	55·85	224 202
D Rochdale (Cowm, Whitworth) . . .	H. A. Braddock, Esq.	5	1	7	762	1456	57·34	224 200
D Entwistle Reservoir	J. K. Swales, Esq., C.E.	5	1	0	700	1550	61·04	242 207
M Belmont (Slater Lane)	J. K. Swales, Esq., C.E.	5	1	0	985	1490	58·67	.. ..
D Helmshore (Clough House)	A. C. Cullen, Esq.	8	1	6	650	1499	59·02	224 186
D Haslingden (Holden Wood) No.1 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	670	1607	63·26	222 206
D Haslingden (Holden Wood) No.2 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	670	1567	64·84	222 198
D Haslingden (Calf Hey)	No.1 J. Woodhead Smith, Esq., C.E. .	8	1	0	800	1552	61·09	222 207
D Haslingden (Calf Hey)	No.2 J. Woodhead Smith, Esq., C.E. .	8	1	0	800	1502	59·15	222 201
D Bacup (Sheephouse Res.)	F. W. Mozley, Esq., C.E.	5	1	0	1007	1102	43·40	255 185
Rawtenstall Cemetery	J. Johnson, Esq.	8	1	0	572	1375	54·12	.. ..
D Rawtenstall (Cloughbottom) No1 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1025	1451	57·11	229 201
D Rawtenstall (Cloughbottom) No2 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1025	1406	55·37	229 194
D Rawtenstall (Hapton Res.) No.1 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	930	1372	54·01	228 206
D Rawtenstall (Hapton Res.) No.2 .	J. Woodhead Smith, Esq., C.E. . .	8	1	0	930	1468	57·78	228 205
4.—MERSEY, UPPER. 45 sq. mi.								
D Didsbury (Linden Road)	L. G. King, Esq.	8	1	6	110	934	36·77	215 170
D West Didsbury (Town Hall) . . .	(R) Manchester Corporation . . .	8	4	0	121	878	34·58	.. ..
D Stockport (Heaton Mersey)	W. B. Leigh, Esq.	5	1	0	218	880	34·64	219 173
D Chorlton-cum-Hardy Sew. Works . .	G. F. Walter, Esq.	8	4	6	95	913	35·94	230 176
D Chorlton-cum-Hardy	J. H. Casartelli, Esq.	5	2	0	75	892	35·11	200 172
D Fallowfield (Wilbraham Rd.) . . .	H. G. Ellinger, Esq.	5	1	0	108	920	36·22	215 174
D Fallowfield (Platt Field Park) . .	Manchester Corporation	8	3	3	124	907	35·72	223 173
D Denton Reservoir	L. Holme Lewis, Esq., C.E. . . .	12	2	0	324	879	34·60	.. ..
D Gorton Reservoir	L. Holme Lewis, Esq., C.E. . . .	12	2	0	263	892	35·13	.. ..
D Ashton-u-Lyne (Henrietta St Yd) .	G. H. Raddin, Esq., C.E.	7	1	0	394	1086	42·77	232 185
D Lower Swineshaw Reservoir . . .	G. H. Raddin, Esq., C.E.	8	1	6	886	1188	44·02	228 188
D Swineshaw Moor	G. H. Raddin, Esq., C.E.	5	1	0	1340	1349	53·11	.. ..
D Mossley (Manor House Yard) . . .	G. H. Raddin, Esq., C.E.	5	1	0	636	1125	44·29	211 184
CENTRAL LANCASHIRE. (Area, 536 sq. mi.).								
1.—RIBBLE & C. 326 sq. mi.								
Rivington (Higher Hill)	Col. J. R. Davidson, C.E.	8	1	4	733	1116	43·93	.. ..
D Haslingden (Mitchells Ho. Res.) .	A. J. Harrison, Esq.	5	1	6	990	1333	52·46	.. 191
D Darwen (Sunnyhurst Hey Res.) . .	E. Marsden, Esq., C.E.	8	1	8	915	1347	53·04	231 192
D Darwen (Earnsdale Reservoir) . .	E. Marsden, Esq., C.E.	8	1	8	705	1345	52·97	231 191
D Darwen (Bold Venture Park) . . .	Dr. J. Robertson	8	1	1	722	1486	58·52	241 194
Darwen (Hoddlesden)	No. 1 A. T. Gooseman, Esq., C.E. . .	8	1	6	680	1338	52·67	226 187
Darwen (Daisy Green)	No. 1 A. T. Gooseman, Esq., C.E. . .	8	1	6	969	1289	50·74	225 185
Darwen (Pickup Bank)	No. 1 A. T. Gooseman, Esq., C.E. . .	8	1	6	720	1258	49·54	224 182
D Brindle (Whiteholme)	Mrs. Victor H. Gatty.	5	1	8	315	1062	41·80	.. 167
D Blackburn (Guide Reservoir) . . .	A. T. Gooseman, Esq., C.E.	8	1	6	610	1157	45·56	223 173
Blackburn (Witton)	A. T. Gooseman, Esq., C.E.	8	1	6	315	1111	43·76	212 177
Blackburn Fever Hospital	A. T. Gooseman, Esq., C.E.	6	1	6	570	1079	42·49	232 179
Blackburn (Pumping Station) . . .	A. T. Gooseman, Esq., C.E.	8	1	6	600	1134	44·63	234 183
Accrington (Milnshaw Park) . . .	Mr. J. W. Terry	5	1	6	464	1080	42·51	207 174
D Hutton (Lancs. C.C. Hort. Stat.) .	J. Gillett, Esq.	5	1	0	82	994	39·14	219 164
D Lytham (Warton Hall)	W. Gordon Shorrocks, Esq. . . .	5	1	0	20	931	36·67	.. ..

DIVISION VIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with .01 in. or more.	Days with .04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
CENTRAL LANCASHIRE—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—RIBBLE & C.—(con.).									
D St. Anne's-on-Sea (Lawrence Ho.)	C. G. D. Hoare, Esq.	5	1	6	25	947	37.27	205	166
D St. Annes-on-Sea (South Side)	W. E. Procter, Esq.	5	1	0	25	901	35.48	180	155
D Preston (Corporation Offices)	J. H. Smethurst, Esq., C.E.	8	18	7	148	1060	41.72	226	176
Samlesbury Sewage Works	A. T. Gooseman, Esq., C.E.	8	1	6	240	1080	42.53	208	178
Causeway Side (Burnley W.W.)	S. Rawlinson, Esq.	8	2	0	1116	1214	47.78	..	..
Sheddin (Burnley W. W.)	S. Rawlinson, Esq.	8	2	0	960	1208	47.55	..	..
CantClough S. Side (Burnley WW)	S. Rawlinson, Esq.	8	2	0	900	1196	47.09	242	183
CantClough N. Side (Burnley WW)	S. Rawlinson, Esq.	8	2	0	900	1061	41.78	241	175
RamsClough Head (Burnley WW)	S. Rawlinson, Esq.	8	2	0	1260	1148	45.18	..	..
D Huncoat (Burnley Road Res.)	A. J. Harrison, Esq.	9	1	6	620	1220	48.02	184	163
D Wilpshire (Brooklyn Road)	H. W. Apperley, Esq.	5	1	0	408	1131	44.52	232	178
Great Harwood (Parsonage Res.)	A. T. Gooseman, Esq., C.E.	8	1	0	631	992	39.04	206	180
D Great Harwood (Dean Clough)	A. J. Harrison, Esq.	12	1	6	540	1230	48.43	224	183
D Burnley (Queen's Park)	Dr. T. Holt	8	1	0	459	1069	42.08	242	178
Burnley (Swinden) Upper g.	S. Rawlinson, Esq.	8	12	0	820	1200	47.24	260	192
Burnley (Swinden) Lower g.	S. Rawlinson, Esq.	8	2	0	745	1210	47.63	260	200
Burnley (Extwistle Moor Top)	S. Rawlinson, Esq.	8	2	0	1310	1254	49.38	..	..
D Padiham (Altham Sew. Works)	R. Ratcliffe, Esq., C.E.	5	1	0	225	1059	41.69	213	176
D Padiham (Gawthorpe Hall)	Lord Shuttleworth	8	0	9	316	979	38.53?	181	159
D Padiham (Huntroyde)	N. G. Howsin, Esq.	5	1	0	423	1166	45.92	218	184
Alston Reservoir	J. H. Smethurst, Esq., C.E.	8	1	2	320	1105	43.49	..	..
D Nelson (Coldwell Res.) N No. 1	Smith Whitehead, Esq., C.E.	5	1	0	950	1013	39.89	235	187
D Nelson (Coldwell Res.) S No. 2	Smith Whitehead, Esq., C.E.	5	1	0	960	1191	46.90	237	193
D Nelson (Victoria Park)	Smith Whitehead, Esq., C.E.	5	1	0	375	1197	47.14	224	193
D Stonyhurst College	(+A) late Rev. A. L. Cortie	8	1	10	377	1263	49.73	221	187
M Knowle Green (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	400	1123	44.22	..	..
M Spade Mill (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	400	1109	43.64	..	..
M Jeffrey Hill (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	900	1192	46.92	..	..
D Sabden (Whins House)	Miss Foster	5	1	0	500	1157	45.57	211	181
D Sabden (Churn Clough Res.)	R. Ratcliffe, Esq., C.E.	5	1	0	790	1264	49.76	250	191
w Sabden (Craggs Dole)	R. Ratcliffe, Esq., C.E.	5	1	0	1050	1324	52.12	..	..
w Newchurch (Cock Dole)	R. Ratcliffe, Esq., C.E.	5	1	0	1090	1348	53.08	..	..
D Barley (Ogden Reservoir)	Smith Whitehead, Esq., C.E.	8	2	0	950	1393	54.83	216	182
D Colne (Cemetery Grounds)	(R) T. H. Hartley, Esq.	8	2	11	619	958	37.73	202	171
Barrowford Reservoir	Leeds & Liverpool Canal Co.	8	1	0	473	1104	43.46	..	..
Foulridge (Upper Reservoir)	Leeds & Liverpool Canal Co.	8	1	0	582	1088	42.83	..	..
Foulridge (Reedy Moor)	Leeds & Liverpool Canal Co.	..	..	..	553	1052	41.42	..	..
Clitheroe (Downham Hall)	R. C. Assheton, Esq.	10	1	6	464	1155	45.47	..	..
2.—RIBBLE—Douglas. 156 sq. mi.									
D Wigan WW (Billinge Higher End)	R. B. Donald, Esq., C.E.	12	3	6	374	1009	39.72	208	161
D Orrell (Upholland Gram. Sch.)	C. H. Cox, Esq.	12	1	0	320	1159	45.63	249	176
D Wigan W. W. (Worthington)	R. B. Donald, Esq., C.E.	8	1	6	225	1153	45.41	222	186
D Horwich (Lower Rivington)	Col. J. R. Davidson, C.E.	8	1	0	440	1230	48.41	235	184
Horwich (Lower Knoll)	Col. J. R. Davidson, C.E.	8	1	4	742	1249	49.18	..	..
Rivington (Brown Hill)	Col. J. R. Davidson, C.E.	8	1	4	843	1248	49.15	..	..
D Rivington (Stoneshouse) No. 1	Col. J. R. Davidson, C.E.	8	1	4	623	1187	46.74	223	182
Rivington (Stoneshouse) No. 2	Col. J. R. Davidson, C.E.	8	1	4	623	1121	44.12	..	..
Rivington (Hurst Hill)	Col. J. R. Davidson, C.E.	8	1	10	1029	1243	48.92	..	..
Rivington (Great Hill)	Col. J. R. Davidson, C.E.	8	1	8	1240	1429	56.26	..	..
Rivington (Coppice Stile)	Col. J. R. Davidson, C.E.	8	1	8	879	1161	45.71	..	..
Rivington (Gamekeeper's)	Col. J. R. Davidson, C.E.	8	0	8	850	1327	52.26	..	..
D Leyland (Worden Hall)	(+A) H. Nowell flarington, Esq.	5	1	0	125	1084	42.67	222	168
D Bamber Bridge (Cuerden Hall)	R. A. Tatton, Esq.	5	1	0	230	1068	42.04	216	167
3.—COAST STREAMS. 52 sq. mi.									
M Birkdale (Kent Rd.)	J. Baxendell, Esq.	5	1	0	27	937	36.88	..	..
D Southport (Hesketh Park) (+A)	J. Baxendell, Esq.	5	1	0	38	926	36.45	216	159
D Southport (Hesketh Park)	J. Baxendell, Esq.	8	1	0	38	939	36.98	215	159
4.—OUSE—Aire. 2 sq. mi.									
Foulridge (Canal Office)	Leeds & Liverpool Canal Co.	8	1	0	497	1083	42.64	..	..

DIVISION VIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
NORTH LANCASHIRE. (Area, 609 sq. mi.).		in.	ft.	in.	ft.	mm.	in.		
1.—DUDDON & C. 77 sq. mi.									
D Barrow-in-Furness (Gas Works)	Claude Diamond, Esq.	11	3	0	17	1229	48·37	230	183
D Barrow-in-Furness (Sewage Wks)	W. C. Persey, Esq., C.E.	5	1	0	21	1080	42·53	215	168
D Little Urswick (North View)	J. Dobson, Esq.	5	1	6	130	1227	48·31	223	182
D Ulpha	Claude Diamond, Esq.	11	1	6	251	1661	65·38	257	205
D Duddon Valley (Seathwaite Vic)	Rev. F. K. Berry	5	1	0	348	2035	80·13	..	..
D Duddon Val. (Seathwaite Tarn)	Claude Diamond, Esq.	11	1	6	1221	2599	102·31	..	..
2.—LEVEN & C. 135 sq. mi.									
D Cartmel (Holker Hall)	Lord Richard Cavendish	5	0	9	85	1338	52·66	241	191
D Ulverston (Pengwerne)	C. J. Chapman, Esq.	5	1	3	130	1417	55·79	239	193
D Ulverston (Poaka Beck)	Claude Diamond, Esq.	11	1	6	512	1459	57·44	245	209
Rusland Hall	Mrs. Archibald	5	14	0	45	1200	47·23	234	164
Coniston Park	W. S. Wilson, Esq.*	5	1	2	305	1954	76·93	..	..
d Coniston (School Garden)	W. J. Rich, Esq.	5	1	0	180	2218	87·31	..	..
D Hawkshead (Tower Bank)	Miss Alcock-Beck	5	2	0	342	1801	70·89	240	188
D Hawkshead (Highfield)	W. L. Turner, Esq.	5	0	6	400	2227	87·67	249	203
M Hawkshead (Black Fell)	Miss C. Marshall	5	1	6	1055	1983	78·06	..	..
D Ambleside (Skelwith Fold)	Miss C. Marshall	5	1	0	333	2222	87·49	243	204
3.—KENT & C. 45 sq. mi.									
D Heysham Harbour	Baldwin Bent, Esq., C.E.	5	1	6	27	1040	40·93	203	161
D Morecambe	T. B. Iamb, Esq.	8	1	0	24	1013	39·86	206	167
D Yealand Conyers (Beechfield)	Mrs. Roper	5	1	0	250	1129	44·43	228	185
d Yealand Conyers (Morecambe Lo.)	J. Rawlinson Ford, Esq.	5	1	0	278	1249	49·16	222	184
Grange-over-Sands (Eden Mount)	Miss K. F. Brothers	5	1	6	280	1187	46·74	214	170
D Grange-over-Sands (Nutwood)	Miss S. M. Arkwright	5	1	0	140	1206	47·49	216	187
d Lindale (Ellerhow)	H. T. Gnosselius, Esq.	5	1	2	360	1451	57·11	..	..
D Cartmel Fell (The Schoolhouse)	R. J. Cragghill, Esq.	5	5	0	220	1516	59·67	236	200
4.—LUNE. 135 sq. mi.									
D Hampson-in-Ellel	W. G. Welch, Esq.	5	1	0	145	1088	42·83	213	171
D Quernmore (Brow Top)	F. Hill, Esq., C.E.	8	1	0	552	1246	49·06	..	..
Bowland Forest (Whiteray)	J. T. Sanderson, Esq.	5	1	0	1139	1744	68·65	..	..
Bowland Forest (Lower Salter)	J. T. Sanderson, Esq.	5	1	0	575	1551	61·08	..	..
D Lancaster (Strathspey)	A. B. S. Welch, Esq.	5	1	0	85	1140	44·89	234	175
Lancaster (Blea Tarn Res.)	F. Hill, Esq., C.E.	8	1	0	330	1122	44·18	..	..
D Lancaster (Greg Obsy.)	(+A) Neville Holden, Esq.	8	1	0	312	1209	47·59	230	176
D Lancaster (Lune Aqueduct)	J. H. Thurston, Esq., C.E.	8	3	0	74	1119	44·05	218	171
D Wray (Wray House)	Baldwin Bent, Esq., C.E.	5	1	6	170	1081	42·58	211	162
Wennington (Tatham Rectory)	Rev. A. S. Roberts	5	1	3	150	1098	43·23	..	..
D Leck Vicarage	Rev. J. Turner	5	1	1	400	1167	45·95	192	175
5.—WYRE & C. 213 sq. mi.									
D Weeton Reservoir (No. 1)	Fylde Water Board	5	1	0	133	999	39·33	207	163
D Weeton Reservoir (No. 3)	Fylde Water Board	5	1	0	108	996	39·22	206	166
D Blackpool (Met. Observatory)	E. W. Rees Jones, Esq., M.D.	5	1	0	67	987	38·86	213	161
D Barton (Newsham House)	W. B. S. Smith, Esq.	5	1	0	101	1057	41·60	218	176
D Kirkham (Elswick Lodge)	L. G. King, Esq.	5	1	4	52	1020	40·17	215	162
D St. Michael's-on-Wyre (Rose Cot.)	J. Moss, Esq.	5	1	0	27	1033	40·65	214	173
D St. Michael's-on-Wyre Vicarage	Ven. Archdeacon Hornby	5	1	0	26	1023	40·27	219	166
D Fleetwood	(R) E. Frobisher, Esq.	8	1	8	29	884	34·81	201	153
D Garstang (Barnacre Reservoir)	Fylde Water Board	5	1	0	616	1279	50·37	227	170
D Garstang (Grizedale Reservoir)	Fylde Water Board	5	1	0	517	1271	50·04	228	174
D Garstang (Calder Intake)	Fylde Water Board	5	1	0	632	1329	52·34	..	..
D Garstang (Grizedale Intake)	Fylde Water Board	5	1	0	644	1268	49·93	..	..
D Wyresdale (Abbeystead Res.)	F. Hill, Esq., C.E.	8	1	0	366	1419	55·85	..	..
M Quernmore (Old Gauge Basin)	F. Hill, Esq., C.E.	8	1	0	963	1372	54·03	..	..
M Wyresdale (Wardstone)	F. Hill, Esq., C.F.	8	1	0	1440	1692	66·60	..	..
6.—INSULAR. 4 sq. mi.									

* Per Miss Cordelia Marshall.

DIVISION IX.—YORKSHIRE.

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
WEST RIDING. (Area, 2791 sq. mi.).		in.	ft.	in.	ft.	mm.	in.	
1.—LUNE. 178 sq. mi.								
d Austwick (Leigh House)	R. Stockdale, Esq.	5	1	0	500	1179	46·42	218 174
d Bentham (Felstead)	A. W. Wilson, Esq.	5	1	0	310	1120	44·11	216 166
d High Bentham (Inglefield)	Mr. Geoffrey Holmes	5	1	0	412	1087	42·79	230 171
Ingleton (Ellerbeck)	Mrs. H. E. Hollins	8	1	0	475	1243	48·95	.. ..
d Ingleton (Kingsdale Head)	Mr. R. Ireton	5	1	0	994	2078	81·81	225 211
d Sedbergh (Brigg Flats)	The Misses Wilson	5	1	0	305	1577	62·08	226 183
d Sedbergh (Akay)	C. E. Taylor, Esq.	5	1	0	400	1675	65·96	221 195
d Sedbergh (Bynac)	Mrs. B. Wilson	5	1	0	480	1553	61·13	227 191
2.—RIBBLE. 225 sq. mi.								
d Colne (Laneslaw Reservoir)	J. F. Bedford, Esq., C.E.	5	1	0	842	968	38·11	214 176
d Barnoldswick (Rainhall Road)	Asa Burniston, Esq.	5	1	2	549	1062	41·80	209 164
Barnoldswick (Greenberfield L.)	Leeds & L'pool Canal Co.	8	1	0	488	1153	45·41	.. ..
Slaidburn (Knowlmore Manor)	W. Peel, Esq.	5	1	0	417	1452	57·17	.. ..
Slaidburn (Thorneyholme)	R. A. Tatton, Esq.	5	2	0	380	1485	58·46	.. 191
Slaidburn (Hareden Brook)	J. H. Smethurst, Esq., C.E.	8	1	2	540	1935	76·19	.. ..
M Slaidburn (Langden Brook)	J. H. Smethurst, Esq., C.E.	8	1	2	556	1908	75·13	.. ..
Slaidburn (Dunsop Houses)	A. T. Gooseman, Esq., C.E.	8	1	6	450	1759	69·25	218 189
Slaidburn (Footholme)	A. T. Gooseman, Esq., C.E.	8	1	6	565	1825	71·83	220 194
M Slaidburn (Middle Knoll)	A. T. Gooseman, Esq., C.E.	8	2	6	1298	1609	63·33	.. ..
Slaidburn (Brennand)	A. T. Gooseman, Esq., C.E.	8	1	6	820	1850	72·85	214 189
Slaidburn (Croasdale House)	A. T. Gooseman, Esq., C.E.	8	1	6	600	1475	58·07	207 188
Slaidburn (Croasdale Valley)	A. T. Gooseman, Esq., C.E.	8	1	6	720	1444	56·84	207 186
Slaidburn (Whitendale)	A. T. Gooseman, Esq., C.E.	8	1	6	830	1944	76·54	214 186
M Slaidburn (Cabin Hill)	A. T. Gooseman, Esq., C.E.	8	3	1	1559	1879	73·97	.. ..
M Slaidburn (Baxton Fell)	A. T. Gooseman, Esq., C.E.	8	2	6	1540	1861	73·25	.. ..
M Slaidburn (Saddle Hill)	A. T. Gooseman, Esq., C.E.	5	2	6	1475	1680	66·13	.. ..
d Settle (Gas Works)	J. W. Shepherd, Esq.	8	1	0	450	1221	48·07	201 176
d Settle (Giggleswick School)	A. Russell, Esq.	8	1	0	500	1165	45·85	217 168
d Horton-in-Ribblesdale	Nathaniel Hunt, Esq.	5	1	0	800	1292	50·86	.. ..
3.—MERSEY—Irwell. 2 sq. mi.								
4.—MERSEY, UPPER. 35 sq. mi.								
Greenfield (Upperwood Moor)	G. H. Raddin, Esq., C.E.	5	1	0	1518	1171	46·12	.. ..
d Greenfield (Chew Mount)	G. H. Raddin, Esq., C.E.	5	1	0	1578	1429	56·26	246 208
Greenfield (Chew Reservoir)	G. H. Raddin, Esq., C.E.	5	1	0	1648	1439	56·64	.. ..
d Greenfield (Yeoman Hey)	G. H. Raddin, Esq., C.E.	5	1	0	759	1305	51·37	225 203
Greenfield (Birchen Clough)	G. H. Raddin, Esq., C.E.	5	1	0	1018	1379	54·29	.. ..
d Oldham (Strinesdale) <i>New</i>	C. J. Batley, Esq., C.E.	5	1	0	791	1279	50·37	230 195
d Standedge (Cas Shaw Broadh'd) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	857	1417	55·79	246 205
M Standedge (Redbrook Res.)	E. H. d'E. Darby, Esq., C.E.	8	1	0	1150	1336	52·61	.. ..
d Denshaw (Ox Hey) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	1031	1420	55·90	244 199
d Denshaw (Crawshaw Hey)	C. J. Batley, Esq., C.E.	8	1	0	956	1404	55·29	244 197
d Denshaw (New Year's Br.) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	986	1279	50·35	244 193
5.—TRENT—Derwent. 7 sq. mi.								
Derwent Dale (Abbey Brook) 65 S. B. Winser, Esq., C.E.		5	1	0	825	1120	44·10	.. ..
Derwent Dale (Howden Cl'gh) 64 S. B. Winser, Esq., C.E.		5	1	0	1030	1105	43·51	.. ..
Derwent Dale (Howden Ho.) 19 S. B. Winser, Esq., C.E.		8	1	0	890	1035	40·76	.. ..
Derwent Dale (Sandy Lee) No. 7 S. B. Winser, Esq., C.E.		5	1	0	1340	1164	45·83	.. ..
6.—TRENT—Left Bank Tributaries. 143 sq. mi.								
d Lindrick Common (Woodside) . J. F. Eardley, Esq.		5	1	0	250	640	25·18	.. 135
d Woodsetts Grange (Old Vicarage) H. P. Marsh, Esq.		5	1	0	235	655	25·80	180 136
d Doncaster (Carr House Hosp.) . Dr. D. L. Anderson		5	1	1	56	608	23·95	168 125
7.—OUSE—Don. 564 sq. mi.								
d Sheffield (Stumperlow Hall) .1 J. Dixon, Esq.		5	1	0	730	916	36·05	216 160
d Sheffield (Stumperlow Hall) .2 J. Dixon, Esq.		5	1	0	770	934	36·76	215 162
d Sheffield W.W. (Redmires Res.) S. H. Studley, Esq., C.E.		10	5	0	1110	1017	40·03	237 170
Sheffield W.W. (Redmires Res.) S. H. Studley, Esq., C.E.		8	4	0	1110	1004	39·53	.. ..

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.				
WEST RIDING—(con.).		in.	ft.	in.	ft.	mm.	in.	
7.—OUSE—Don—(con.).								
d Sheffield W.W. (Rivelin) ... (R) S. H. Studley, Esq., C.E. ...	10	4	0	564	901	35·48	224	156
Sheffield W.W. (Rivelin) S. H. Studley, Esq., C.E. ...	8	4	0	564	914	35·99	..	..
d Sheffield W.W. (Crookes) ... (R) S. H. Studley, Esq., C.E. ...	10	2	0	629	718	28·26	205	142
Sheffield W.W. (Crookes) S. H. Studley, Esq., C.E. ...	8	2	0	629	719	28·29	..	..
d Sheffield (Weston Park) E. Howarth, Esq.	8	1	0	430	740	29·14	211	143
d Darnall (High Hazels Museum) E. Howarth, Esq.	8	1	0	285	636	25·03	186	121
Loxley Valley (Broadcar) S. H. Studley, Esq., C.E. ...	5	1	0	1004	1148	45·19	..	..
Loxley V. (Oaks Fm. Damflask) S. H. Studley, Esq., C.E. ...	5	1	0	650	911	35·88	..	..
Loxley V. (Loftshaw, Strines) .. S. H. Studley, Esq., C.E. ...	5	1	0	1011	1118	44·03	..	..
Loxley V. (Dale Dike Res.) S. H. Studley, Esq., C.E. ...	8	3	0	715	988	38·91	..	..
Loxley V. (Thornseat) S. H. Studley, Esq., C.E. ...	5	1	0	1326	1107	43·57	..	..
Loxley V. (Rocher Flat) S. H. Studley, Esq., C.E. ...	5	1	0	1106	909	35·77	..	..
Loxley V. (Emlin Moor) S. H. Studley, Esq., C.E. ...	5	1	0	998	1068	42·06	..	..
d Rotherham (Ulley Res.) ... (2) Vincent Turner, Esq., C.E. ...	5	1	0	175	605	23·81	173	126
d Rotherham (Ulley Res.) ... (1) Vincent Turner, Esq., C.E. ...	5	1	0	184	571	22·46	174	124
d Rotherham (Ulley Res.) ... (3) Vincent Turner, Esq., C.E. ...	5	1	0	132	601	23·68	175	126
d Wincobank (Sewage Works) (R) J. Haworth, Esq.	8	2	0	90	610	24·01	175	122
d Rotherham (Sitwell Vale) Mr. G. Howard	5	1	0	300	662	26·05	176	136
d Rotherham (Moorgate Grange) H. J. Nicholson, Esq.	5	1	8	275	618	24·33	160	129
d Rotherham (Kimberw'rth Sch.) Vincent Turner, Esq., C.E. ...	5	1	0	245	644	25·37	196	125
d Rotherham (Aldwarke Sew.Wk.) James H. Kershaw, Esq. ...	5	1	4	71	657	25·88	220	133
d Rotherham (Thrybergh) F. O. Kirby, Esq., C.E. ...	8	1	0	184	646	25·44	168	128
d Chapeltown (Potter Hill) Mr. F. Sherburn	8	5	0	583	676	26·62	177	131
d Conisborough (Firsby Res.) ... F. O. Kirby, Esq., C.E. ...	8	1	4	189	638	25·11	162	125
d Wentworth Woodhouse Mr. A. Third	5	0	10	360	710	27·94	..	131
d Mexborough G. Fenwick Carter, Esq., C.E. ...	5	1	6	77	639	25·16	189	122
d Wortley (Service Reservoir) ... J. R. Fox, Esq., C.E. ...	5	1	0	700	773	30·43	208	148
Midhope Moor (Barnside) J. R. Fox, Esq., C.E.	5	1	0	1000	1097	43·17	226	175
d Little Don Val. (Underbank Rs.) S. H. Studley, Esq., C.E. ...	8	1	6	604	757	29·79	226	148
Little Don Val. (Brockholes) ... S. H. Studley, Esq., C.E. ...	5	1	6	934	802	31·57	..	..
Little Don Val. (Sheep House) .. S. H. Studley, Esq., C.E. ...	5	1	6	974	797	31·37	..	..
d Little Don Val. (Bridge Lane) .. S. H. Studley, Esq., C.E. ...	8	1	0	761	940	37·01	216	161
Langsett Moor (Midhope) J. R. Fox, Esq., C.E.	5	1	0	830	1003	39·47	216	165
d Langsett Moor (Up. Midhope) ... S. H. Studley, Esq., C.E. ...	8	1	6	925	964	37·97	216	161
Langsett Moor (Mickleden) S. H. Studley, Esq., C.E. ...	5	1	6	1217	1210	47·64	..	..
Langsett Moor (Catclough) S. H. Studley, Esq., C.E. ...	8	1	6	1516	1255	49·40	..	..
Langsett Moor (Fiddlers Green) S. H. Studley, Esq., C.E. ...	8	1	6	1493	1286	50·64	..	..
Langsett Moor (Border Hill) S. H. Studley, Esq., C.E. ...	5	1	6	1148	1149	45·25	..	..
d Langsett Moor (Swinden Lodge) S. H. Studley, Esq., C.E. ...	8	1	6	1037	1105	43·52	212	175
d Langsett Moor (Flouch Road) .. S. H. Studley, Esq., C.E. ...	8	1	0	960	999	39·32	216	171
d Wath-upon-Deerne (Chapel St.) Dr. T. Crowley	8	2	2	188	617	24·31	210	127
Bolton-upon-Deerne T. Washington, Esq.	5	1	0	130	604	23·79	169	118
d Doncaster (Pumping Station) .. F. O. Kirby, Esq., C.E. ...	5	1	6	30	675	26·58	182	123
d Doncaster (Avenue Road) M. H. Stiles, Esq.	5	4	0	62	683	26·89	182	118
Penistone (Ingbirchworth Res.) J. R. Fox, Esq., C.E.	5	1	0	853	760	29·92?	214	144
Penistone (Broadstone Res.) ... J. R. Fox, Esq., C.E. ....	..	..	..	..	925	36·40	206	162
d Barnsley (Jordan Hill) J. R. Fox, Esq., C.E.	5	1	0	460	659	25·94	199	129
d Cawthorne (Cannon Hall) J. M. Spencer Stanhope, Esq. ...	5	0	11	418	718	28·27	..	..
d Barnsley (Burntwood Hall) J. Dymond, Esq.	5	1	0	378	749	29·49	187	143
d Kirk Bramwith H. A. Brundell, Esq., C.E. ...	5	1	0	17	731	28·80	178	127
d Hemsworth Rectory Rev. F. W. Holmes	5	1	0	232	600	23·63	..	..
d Badsworth (Rogerthorpe Man.) Lt.-Col. W. J. F. Ramsden	8	1	2	150	680	26·77	202	143
d Ackworth School E. Priestman, Esq.	8	1	0	100	632	24·87	180	116
d Goole Aire & Calder Navigation ..	5	2	0	18	614	24·16	170	131
8.—OUSE—Aire—Calder. 361 sq. mi.								
d Holmbridge (Yateholme Res.) .. W. H. Duckworth, Esq., C.E. ...	5	1	0	1009	1439	56·65	227	198
d Holmbridge (Yateholme Farm) W. H. Duckworth, Esq., C.E. ...	5	1	0	861	1224	48·19	227	192
Holmfirth (Holme Styes Res.) .. Messrs. Mallinson & Son, CE	5	2	0	830	1115	43·90	..	..
Holmfirth (Boshaw Whams R.) .. Messrs. Mallinson & Son, CE	5	1	0	930	1141	44·90	..	..
Holmbridge (Bilberry Res.) Messrs. Mallinson & Sons, CE	5	1	0	970	1356	53·40	..	..

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
WEST RIDING—(con.).		in.	ft. in.	ft.	mm.	in.		
8.—OUSE—Aire—Calder—(con.).								
Meltham (Harden Moss)	J. W. Armitage, Esq., C.E.	8	1 0	1212	1234	48·58	..	..
Meltham (Harden Moss) <i>new g.</i>	J. W. Armitage, Esq., C.E.	8	1 0	1212	1236	48·67	..	..
Wessenden Head	J. W. Armitage, Esq., C.E.	8	1 0	1270	1015	39·95	..	..
Wessenden Head <i>new g.</i>	J. W. Armitage, Esq., C.E.	8	1 0	1200	1170	46·07	..	..
Wessenden (Holly Bank Moss)	J. W. Armitage, Esq., C.E.	8	1 0	1280	852	33·53	..	..
Wessenden (Old Reservoir)	J. W. Armitage, Esq., C.E.	8	1 0	940	1174	46·23	..	..
Wessenden (Butterley Moss)	J. W. Armitage, Esq., C.E.	8	1 0	1110	1222	48·12	..	..
Wessenden (Bobus)	J. W. Armitage, Esq., C.E.	3	1 0	1200	1096	43·14	..	..
Meltham (Brow Grains)	J. W. Armitage, Esq., C.E.	8	1 0	900	1183	46·59	..	..
Meltham (Royd Edge)	C. L. Brook, Esq.	8	1 0	585	1234	48·58	..	..
D Meltham (Harewood Lodge)	C. L. Brook, Esq.	8	1 0	514	1168	45·97	230	179
Meltham Grange	J. W. Armitage, Esq., C.E.	8	1 0	850	1100	43·31	..	..
Marsden Reservoir*	E. H. d'E. Darby, Esq., C.E.	8	2 4	692	1321	52·00	..	..
Marsden (Deer Hill)	J. W. Armitage, Esq., C.E.	8	1 0	1149	1163	45·80	..	..
Marsden (Deer Hill) <i>new g.</i>	J. W. Armitage, Esq., C.E.	8	1 0	1149	1234	48·59	..	..
D Slaithwaite (Blackmoorfoot)	J. W. Armitage, Esq., C.E.	8	1 0	800	1067	42·02	251	194
D Slaithwaite (Inglewood)	J. Woodhead, Esq.	5	1 0	546	1173	46·16	237	181
D Huddersfield (Carr End, Dalton)	Mr. T. Hey	8	1 0	350	796	31·35	201	140
Huddersfield (Bankfield, Golcar)	Miss Sykes	5	0 8	400	1002	39·45	198	164
D Huddersfield (Ravensknowle) (+ A)	C. Mosley, Esq.	8	0 11	328	778	30·63	200	141
Huddersfield (Langley Ter.) (No. 1)	S. Morris Bower, Esq.	5	1 0	772	910	35·82	..	..
w Huddersfield (Crosland Rd.) (No. 2)	S. Morris Bower, Esq.	4	1 0	766	909	35·78	..	..
D Kirkheaton (Kirk Vale)	Miss A. Robson	8	1 0	220	702	27·64	176	139
w Moss Moor (Linsgreave)	C. Clemesha Smith, Esq., C.E.	5	1 0	1264	1424	56·05	..	..
D Rishworth (G. Walden Edge) <i>old</i> C. Clemesha Smith, Esq., C.E.		8	1 2	1135	1324	52·11	231	193
D Rishworth (G. Walden Edge) <i>new</i> C. Clemesha Smith, Esq., C.E.		5	1 0	1078	1281	50·43	228	190
w Rishworth (Stott Hall) <i>old</i> C. Clemesha Smith, Esq., C.E.		8	1 0	937	1264	49·76	..	..
w Rishworth (Stott Hall) <i>new</i> C. Clemesha Smith, Esq., C.E.		5	1 0	935	1254	49·38	..	..
D Rishworth (Ringstone Res.) (No. 1) C. Clemesha Smith, Esq., C.E.		5	1 0	980	1181	46·48	228	173
D Rishworth (Ringstone Res.) (No. 2) C. Clemesha Smith, Esq., C.E.		5	1 0	962	1273	50·11	228	184
w Rishworth Moor (Greystones) . . . C. Clemesha Smith, Esq., C.E.		5	1 4	1192	1368	53·85	..	..
Soyland Moor (Rishworth Drain) C. J. Batley, Esq., C.E.		8	1 0	1300	1457	57·38	..	..
w Soyland Moor (Summit) (No. 1) . . C. Clemesha Smith, Esq., C.E.		5	1 0	1280	1182	46·55	..	..
w Soyland Moor (Summit) (No. 2) . . C. Clemesha Smith, Esq., C.E.		5	0 11	1218	1349	53·13	..	..
D Soyland Moor (Baitings Gate) . . . C. Clemesha Smith, Esq., C.E.		5	1 0	943	1349	53·11	252	190
Soyland Moor (Byron Edge) C. J. Batley, Esq., C.E.		8	1 0	1251	1351	53·20	..	..
w Soyland Moor (Manshead) C. Clemesha Smith, Esq., C.E.		5	1 0	1225	1369	53·90	..	..
Walsden (White Holme) C. J. Batley, Esq., C.E.		8	1 0	1240	1283	50·50	..	..
D Walsden (Calf Lee) Rochdale Corporation		10	1 6	960	1194	47·02	238	176
D Walsden (Warland Res.) Rochdale Corporation		8	1 5	1250	1313	51·71	241	188
D Walsden (Warland Drain) Rochdale Corporation		8	1 5	1250	1345	52·97	241	191
D Horbury (Addingford Hos.) . . . J. H. Horsfall, Esq.		8	2 0	289	634	24·96	183	126
Horbury (Highfields) J. H. Green, Esq.		5	1 0	226	620	24·41	..	..
D Mirfield (Cote Wall) F. P. Mitchell, Esq.		8	1 0	200	827	32·58	189	139
D Wakefield (Northgate) J. H. Garner, Esq.		8	1 0	174	632	24·88	140	122
D Wakefield (Clarence Park) C. Clemesha Smith, Esq., C.E.		5	1 0	124	661	26·04	181	130
D Wakefield (Fieldhead Res.) C. Clemesha Smith, Esq., C.E.		5	1 0	250	628	24·74	167	128
D Sowerby Br. (Haugh End) No. 4 J. Selwyn Rawson, Esq.		5	0 8	450	1073	42·26	232	174
D Walsden (Ramsden Reservoir) . . . H. A. Braddock, Esq., C.E.		8	1 0	993	1443	56·79	234	200
Walsden (Ramsden Hill) H. A. Braddock, Esq., C.E.		5	1 0	1326	1438	56·60	..	..
D Cragg (Green Withens Res.) C. Clemesha Smith, Esq., C.E.		5	1 0	1205	1299	51·14	243	193
D Todmorden (Fielden Hospital) . . . Mr. F. Rogers		5	1 0	650	1091	42·96	224	183
D Todmorden (Sourhall Hospital) . . . Mr. F. Rogers		5	1 0	1020	1464	57·65	234	191
D Halifax (Public Library) E. Green, Esq.		8	1 0	625	885	34·85	186	138
D Batley (Staincliffe Reservoir) . . . W. H. Duckworth, Esq., C.E.		5	1 0	492	652	25·67	169	127
D Ardsley Reservoir No. 1 C. Clemesha Smith, Esq., C.E.		5	1 2	395	673	26·48	191	130
D Ardsley Reservoir No. 2 C. Clemesha Smith, Esq., C.E.		5	1 2	326	674	26·53	191	129
D Ardsley (Jaw Hill Filters) C. Clemesha Smith, Esq., C.E.		5	1 0	315	624	24·56	..	126
Halifax W.W. (Albert) E. P. Brook, Esq., C.E.		5	1 0	795	993	39·08	..	..
Halifax W.W. (Gibbet) E. P. Brook, Esq., C.E.		5	3 9	568	944	37·17	..	..
Halifax W.W. (Ramsden Wood) E. P. Brook, Esq., C.E.		8	1 2	816	1067	42·01	..	..

* Gauge on a steep bank.

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height above Ground	ft.	in.	1924	mm.		
WEST RIDING—(con.).									
8.—OUSE—Aire—Calder—(con.).									
D Hebden Bridge (Falling Royd)	A. R. Crossley, Esq.	4	4	0	479	1142	44·96	223	176
D Hebden Bridge (Burnside)	J. Hoyle, Esq.	5	1	0	825	1156	45·52	230	176
Halifax W.W. (Castle Carr Lo.)	E. P. Brook, Esq., C.E.	5	0	6	1060	1110	43·30	..	..
W Halifax WW (Midgley Mr.) New	E. P. Brook, Esq., C.E.	8	..	..	1350	1191	46·89	..	..
W Halifax WW (Warley Mr.) New	E. P. Brook, Esq., C.E.	8	..	..	1325	1168	46·00	..	..
Halifax W.W. (Ogden)	E. P. Brook, Esq., C.E.	5	0	10	990	1116	43·92	..	..
W Halifax WW (Ovenden Mr.) New	E. P. Brook, Esq., C.E.	8	..	..	1375	1058	41·66	..	..
Halifax W.W. (Widdop)	E. P. Brook, Esq., C.E.	5	1	3	1050	1203	47·36	..	..
Hal. W.W. (Walshaw Dean Lo.)	E. P. Brook, Esq., C.E.	5	1	0	1040	1284	50·54	..	..
Halifax W.W. (Walshaw Dean)	E. P. Brook, Esq., C.E.	8	1	0	1380	1154	45·43	..	..
9.—OUSE—Aire. 504 sq. mi.									
D Garforth (Manor Farm)	Dr. A. G. Ruston	8	1	2	194	643	25·32	196	126
Bradford (Grange Rd., Horton)	Mr. A. E. Chilton	5	3	0	450	868	34·16	205	153
Bradford (Brayshaw Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	982	911	35·85	186	157
D Bradford (Lister Park)	H. Lander, Esq.	8	1	0	439	844	33·24	194	143
Bradford (Thornton Moor Filters)	L. Mitchell, Esq., C.E.	5	1	0	1190	1156	45·51	249	179
Bradford (Stubden Res.) No. 8	L. Mitchell, Esq., C.E.	5	1	0	1071	1243	48·93	236	177
M Bradford (Nan Scar, Oxenhope)	L. Mitchell, Esq., C.E.	5	1	0	1101	1253	49·34	..	..
M Bradford (Stairs Top, Oxenhope)	L. Mitchell, Esq., C.E.	5	1	0	1360	1415	55·69	..	..
Bradford (Leeming Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	850	1137	44·78	222	172
Bradford (Doe Park Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	760	1097	43·18	228	171
M Bradford (Leeshaw Res.)	L. Mitchell, Esq., C.E.	5	1	0	875	1302	51·26	..	..
Bradford (Chellow Dean Res.)	L. Mitchell, Esq., C.E.	5	1	0	645	952	37·49	201	162
Bradford (Chellow Heights Res.)	L. Mitchell, Esq., C.E.	5	1	0	848	935	36·82	228	163
Bradford (Hewenden Res.)	L. Mitchell, Esq., C.E.	5	1	0	701	1053	41·44	218	172
Bradford (Heaton Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	531	883	34·77	213	157
Leeds (Wortley Reservoir)	C. G. Henzell, Esq., C.E.	8	0	9	307	687	27·05	..	..
Leeds (Knostrup)	C. G. Henzell, Esq., C.E.	8	0	9	72	587	23·11	..	..
Leeds (Great George Street)	C. G. Henzell, Esq., C.E.	5	0	9	180	648	25·52	..	..
D Leeds (Museum)	H. Crowther, Esq.	8	46	0	177	651	25·64	176	134
D Leeds (Kingfisher)	Greevz Fysher, Esq.	5	14	0	247	690	27·18	..	..
Leeds (Woodhouse Moor)	C. G. Henzell, Esq., C.E.	8	0	9	307	668	26·29	..	..
D Seacroft (Leeds City Hospital)	Dr. A. E. Pearson	8	1	0	236	830	32·67	196	137
Leeds (Weetwood Res.) No. 2	C. G. Henzell, Esq., C.E.	8	0	9	328	747	29·39	..	..
Leeds (Weetwood Garth)	Mrs. B. K. Gott, J.P.	5	0	8	300	741	29·19	169	151
D Leeds (Harrogate Road)	Greevz Fysher, Esq.	5	4	0	404	739	29·11	..	..
Leeds (Allerton Hill)	T. Harding Churton, Esq.	5	0	7	418	708	27·86	..	..
D Shipley (Glenholme)	M. E. Burton, Esq.	5	0	9	370	846	33·30	204	154
D Haworth (Harbour Lodge)	M. R. Barnett, Esq., C.E.	8	1	0	1187	1281	50·42	226	182
D Haworth (Lower Laithe Res.) (+A)	M. R. Barnett, Esq., C.E.	5	0	10	772	1215	47·83	238	174
D Oakworth (Oldfield Filters)	M. R. Barnett, Esq., C.E.	5	1	0	1008	1145	45·06	228	180
D Bingley (Sewage Works)	J. Slater, Esq.	5	1	1	227	828	32·59	217	149
Bingley (Gilstead Filters)	L. Mitchell, Esq., C.E.	5	1	0	572	801	31·55	238	159
D Baildon	C. E. Bean, Esq., C.E.	8	1	0	365	773	30·42	200	139
D Adel (Lawns Wood Cemetery)	L. Hodgson, Esq.	5	1	0	475	951	37·42	242	181
D Keighley (The Knowle)	P. Clough, Esq.	5	1	0	385	1017	40·02	210	181
D Keighley (Victoria Park)	Mr. R. Butterfield	5	1	0	304	913	35·94	206	163
D Bingley (East Morton)	J. Rhodes, Esq.	5	2	0	530	803	31·62	210	152
D Baildon (Weecher Res.)	C. E. Bean, Esq., C.E.	5	0	6	825	879	34·61	209	162
Baildon (Rombalds Moor)	C. E. Bean, Esq., C.E.	..	..	..	960	867	34·15	..	..
Bingley (Sunnydale Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	825	1022	40·25	234	169
D Salterforth (Barnoldswick W.W.)	J. W. Thompson, Esq.	8	1	4	832	1219	48·01	..	..
D Kelbrook (Higher Burnt Hill Fm.)	L. H. Poole, Esq.	5	1	0	1050	1237	48·68	240	183
D Earby (Sewage Works) .. (+A)	L. H. Poole, Esq.	5	1	0	425	1091	42·95	227	168
D Silsden (Bolton Road)	A. Elder, Esq.	5	1	0	432	757	29·82 ?	200	151
M Silsden (Gill Grange)	L. Mitchell, Esq., C.E.	5	1	0	883	879	34·61	..	..
Silsden Reservoir	L. Mitchell, Esq., C.E.	5	1	0	560	921	36·27	202	163
Silsden (Cringles Res. Site)	L. Mitchell, Esq., C.E.	5	1	0	760	979	38·55	206	169
D Elslack	J. W. Thompson, Esq.	5	0	7	675	1062	41·82	222	173
Carleton (Beech Hill)	W. Cyril Empson, Esq.	8	5	3	425	1063	41·83	..	..
D Skipton (Town Hall)	(A) A. E. W. Aldridge, Esq.	6	1	6	367	895	35·24	198	158

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
WEST RIDING—(con.).		in.	ft.	in.	ft.	mm.	in.		
9.—OUSE—Aire—(con.).									
Gargrave(Banks Hill Bank Nwtn)	Leeds & Liv'pool Canal Co.	8	1	0	545	1241	48·85	..	..
Gargrave (Ray Bridge Hill)	Leeds & Liv'pool Canal Co.	8	0	10	459	1009	39·74	..	..
d Rylstone Rectory	Rev. C. H. Lowe	5	0	7	708	1118	44·00	224	167
Winterburn (Long Hill)	Leeds & Liv'pool Canal Co.	8	0	9	705	1136	44·72	..	..
Winterburn (Brown Hill)	Leeds & Liv'pool Canal Co.	8	1	0	961	1247	49·09	..	..
d Malham Tarn	Mr. John Winskill	8	1	0	1292	1645	64·76	244	204
d Malham Tarn	Mr. John Winskill	5	1	0	1292	1676	66·00	244	204
10.—OUSE—Wharfe. 408 sq. mi.									
d Saxton Vicarage	Rev. C. D. Ash	5	2	0	95	699	27·52	194	137
d Bolton Percy (Bolton Lodge) (r)	Col. T. H. Morris, C.B.E.	8	1	0	30	629	24·75	181	120
d Appleton Roebuck School	W. Clayton, Esq.	8	1	6	29	697	27·44	..	..
Adel (Eccup, East)	C. G. Henzell, Esq., C.E.	8	0	9	375	867	34·14	..	..
Harewood (Arthington)	C. G. Henzell, Esq., C.E.	8	0	9	139	886	34·87	..	..
d Harewood House	Countess of Harewood	5	0	10	300	851	33·51	178	146
d Otley (Sewage Works)	C. F. Hodgson, Esq., C.E.	5	1	0	172	734	28·90	162	135
d Ilkley (Silverwell Cottage)	D. J. Barnes, Esq.	5	1	0	900	1058	41·66	244	182
d Ilkley (Beechwood Grove)	P. G. Marshall, Esq.	5	11	0	400	966	38·02	206	154
d Ilkley (Spence's Garden)	J. M. Gameson, Esq., C.E.	5	1	0	314	951	37·46	209	156
Leathley (Lindley Wood, S.)	C. G. Henzell, Esq., C.E.	8	0	9	312	845	33·26	..	..
d Ilkley (March Gill Reservoir)	C. F. Hodgson, Esq., C.E.	5	1	0	655	943	37·14	255	163
d York (Chalfonts)	Arnold S. Rowntree, Esq.	5	1	0	50	755	29·71	243	139
d York (Cherry Hill)	Messrs. H. Richardson & Co.	5	1	6	50	634	24·95	..	..
d York (Museum Gardens)	W. Watson, Esq.	8	1	4	57	585	23·04	197	134
d York (The Retreat)	Dr. Neil Macleod	5	1	0	68	684	26·94	196	130
York (Acomb Landing)	W. H. Humphreys, Esq.	5	1	0	40	644	25·35	182	139
d Skipton (Counter Hill)	L. Mitchell, Esq., C.E.	5	1	0	951	795	31·31?	..	..
d Skipton (Chelker Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	730	909	35·78	..	..
Fewston (Timble Ings)	C. G. Henzell, Esq., C.E.	8	0	9	912	991	39·01	..	..
Fewston (Timble)	C. G. Henzell, Esq., C.E.	8	0	9	720	910	35·84	..	..
Fewston (Swinsty, East)	C. G. Henzell, Esq., C.E.	8	0	9	460	863	33·96	..	..
Fewston, North	C. G. Henzell, Esq., C.E.	8	0	9	525	900	35·45	..	..
Fewston (Blubberhouses)	C. G. Henzell, Esq., C.E.	8	0	9	575	783	30·82	..	..
Bolton Abbey Estate Office	A. Downs, Esq.	5	1	2	368	933	36·75	203	154
Barden Reservoir	L. Mitchell, Esq., C.E.	5	1	0	746	1134	44·64	231	168
Upper Barden Reservoir	L. Mitchell, Esq., C.E.	5	1	0	1170	1128	44·41	221	176
Thruscross (Lane Head)	C. G. Henzell, Esq., C.E.	8	0	9	950	930	36·63	..	..
d Burnall (Thorpe Fell)	L. Mitchell, Esq., C.E.	5	1	0	1661	1148	45·20	..	..
d Burnall (Sandbed Beck)	L. Mitchell, Esq., C.E.	5	1	0	676	1205	47·44	..	..
d Burnall Rectory	Rev. Canon W. J. Stavert	8	4	8	503	1161	45·70	225	165
Grimwith Reservoir	L. Mitchell, Esq., C.E.	5	1	0	893	1146	45·11	245	182
d Grimwith (Trunla Hill)	L. Mitchell, Esq., C.E.	5	1	0	1201	1067	41·99	..	..
d Buckden	G. E. Clayton, Esq.	5	3	0	800	1564	61·58	199	182
d Oughtershaw Hall	Miss Woodd	5	1	6	1175	1927	75·86	..	183
11.—OUSE—Nidd. 254 sq. mi.									
d Wetherby (Stockeld Park)	R. J. Foster, Esq.	5	1	2	200	706	27·80	212	134
Spofforth (Sewage Works)	C. E. Rivers, Esq., C.E.	5	1	0	184	762	30·00	191	135
d Wetherby (Ribston Hall)	Mr. W. Simpson	5	1	2	130	830	32·68	..	..
d Harrogate W.W. (Ling Cottage)	A. S. West, Esq., C.E.	5	1	0	740	876	34·49	..	..
d Harrogate W.W. (Broad Dubb)	A. S. West, Esq., C.E.	5	1	0	725	923	36·34	..	..
d Harrogate W.W. (Cobblers Cott.)	A. S. West, Esq., C.E.	5	1	0	730	894	35·18	..	..
Harrogate W.W. (Ten Acres Res.)	A. S. West, Esq., C.E.	8	1	6	620	872	34·34	204	162
d Harrogate W.W. (Scargill Res.)	A. S. West, Esq., C.E.	8	1	0	646	865	34·07	204	163
Harrogate W.W. (Beaver Dyke R.)	A. S. West, Esq., C.E.	8	0	11	575	843	33·21	204	156
d Harrogate W.W. (John o' Gaunts)	A. S. West, Esq., C.E.	5	1	0	600	885	34·83	..	..
d Harrogate W.W. (Long Stoop)	A. S. West, Esq., C.E.	5	1	0	700	899	35·40	..	..
d Harrogate W.W. (Knab's Moor)	A. S. West, Esq., C.E.	5	1	0	700	862	33·94	..	..
d Harrogate (Harlow Moor Obsy.)	C. E. Rivers, Esq., C.E.	5	1	0	480	853	33·60	202	138
d Harrogate (Harlow Hill Res.)	A. S. West, Esq., C.E.	8	1	0	589	827	32·58	199	142
d Harrogate (Irongate Bridge Res.)	A. S. West, Esq., C.E.	8	1	6	455	942	37·09	195	149

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924				
WEST RIDING—(con.).		in.	ft.	in.	ft.	mm.	in.		
11.—OUSE—Nidd.—(con.).									
d Knaresborough (Goldsbro Hall Gdns.)	R. Wilson, Esq.	5	1	0	112	711	27·98	207	142
d Knaresborough (The Abbey)	Rev. Canon J. T. Hartley	5	1	0	140	740	29·15	193	142
Knaresborough (Water Tower)	A. S. West, Esq., C.E.	8	1	0	240	760	29·93	..	..
Harrogate (Bilton Sewage Works)	C. E. Rivers, Esq., C.E.	5	1	0	208	833	32·80	..	148
d Birstwith Hall	F. A. Aykroyd, Esq.	8	0	10	375	907	35·69	..	..
d Birstwith (Swarcliffe)	Capt. C. S. Greenwood	5	1	0	510	977	38·48	194	165
d Greenhow Hill (Kell House)	Harold Bruff, Esq., C.E.	5	1	0	1302	1356	53·40	205	186
Ramsgill (Holme Ho. Gouthwaite)	L. Mitchell, Esq., C.E.	5	1	0	464	1087	42·81	201	161
Ramsgill (Raygill House)	L. Mitchell, Esq., C.E.	5	1	0	925	1314	51·74	203	177
Ramsgill	L. Mitchell, Esq., C.E.	5	1	0	450	1190	46·84	..	147
Nidderdale (High Riggs)	L. Mitchell, Esq., C.E.	5	1	0	1010	1455	57·28	..	155
m Nidderdale (East Gill Head)	L. Mitchell, Esq., C.E.	5	1	0	1710	1700	66·94	..	..
m Nidderdale (Rain Stang)	L. Mitchell, Esq., C.E.	5	1	0	1470	1437	56·58	..	..
Nidderdale (New Houses)	L. Mitchell, Esq., C.E.	5	1	0	755	1308	51·48	183	162
Nidderdale (West Houses)	L. Mitchell, Esq., C.E.	5	1	0	1165	1637	64·45	215	206
12.—OUSE—Ure. 110 sq. mi.									
Dallow Moor (Harper Hill)	C. G. Henzell, Esq., C.E.	5	0	9	858	1011	39·81	..	..
d Ripon (Studley Royal Gardens)	Marquis of Ripon	5	1	6	271	845	33·25	184	143
d Ripon (The Red House)	F. D. Wise, Esq., C.E.	5	1	0	120	806	31·73	180	139
Kirkby Malzeard (Drovers' Inn)	C. G. Henzell, Esq., C.E.	8	0	9	576	1155	45·46	..	..
Kirkby Malzeard (Hawsett)	C. G. Henzell, Esq., C.E.	8	0	9	820	1115	43·88	..	..
Kirkby Malzeard (Hambleton H.)	C. G. Henzell, Esq., C.E.	8	0	9	1106	1085	42·73	..	..
Kirkby Malzeard (Bagwith Brae)	C. G. Henzell, Esq., C.E.	5	0	9	703	965	38·01	..	..
Kirkby M. (Stone & Ears Wham)	C. G. Henzell, Esq., C.E.	8	0	9	1118	975	38·37	..	..
EAST RIDING. (Area, 1176 sq. mi.)									
1.—OUSE—Left Bank Tributaries. 82 sq. mi.									
d York (Heslington)	Hn. L. de Yarburgh-Bateson	8	0	7	35	747	29·42	207	143
d York (Dunnington Hall)	Miss Hildyard	8	1	2	110	714	28·10	216	147
2.—OUSE—Derwent. 248 sq. mi.									
d Elvington (Woodhouse Grange)	A. T. Coulson, Esq.	5	1	0	39	606	23·87	164	120
d Warter	Mrs. J. Coxon	5	1	10	230	747	29·43	172	137
d Burythorpe Rectory	Rev. William Robinson	5	1	0	240	746	29·36	191	139
d Birdsall Gardens	Mr. J. Anderson	5	1	0	303	805	31·71	179	142
d Rillington (Scampston Hall)	W. H. St. Quintin, Esq.	5	1	6	100	763	30·03	197	161
d Ganton (Ganton Hall)	Harold Wrigley, Esq.	5	2	0	250	751	29·55	197	136
Hunmanby (Holly Bank)	Miss Ackland	5	1	0	225	694	27·33	..	..
3.—HUMBER—Left Bank Tributaries. 675 sq. mi.									
d Spurn Head	The Meteorological Office	8	1	0	26	571	22·48	184	116
d Patrington (Rose Cottage)	Miss H. Kirman	5	2	6	46	591	23·27	154	123
d Hull (Pearson Park)	H. B. Witty, Esq.	5	0	10	8	644	25·34	207	132
d Hull (Springhead)	C. B. Newton, Esq., C.E.	5	1	0	16	673	26·51	214	141
d Roos (Northend)	Miss F. Brown	5	0	8	56	654	25·75	189	128
d Newport (Co. School)	E. C. Wright, Esq.	5	0	8	9	671	26·43	173	131
d Cottingham (Water Works)	C. B. Newton, Esq., C.E.	5	1	0	26	629	24·76	173	131
North Cave (The Croft)	Major W. H. Carver	8	1	6	35	791	31·16	192	145
d Holme-on-Spalding Moor	C. J. Pybus, Esq.	8	1	0	32	712	28·03	188	134
Beverley (E. Riding Mental Hosp.)	Dr. E. S. Simpson	5	1	0	175	727	28·62	213	156
Beverley (New Walk)	W. Evans, Esq., C.E.	5	3	0	38	713	28·09	204	136
Beverley (Hull Bridge)	W. Evans, Esq., C.E.	5	2	6	11	647	25·46	190	141
d Market Weighton (Dalton Holme)	Mr. J. P. Jobling	8	6	0	120	779	30·69	207	142
Brandesburton (Hempholm Lk.)	W. Evans, Esq., C.E.	5	2	6	11	647	25·48	178	131
d Driffield (Council School)	A. Y. Jordan, Esq.	5	0	6	69	691	27·20	..	..
d Lowthorpe (The Elms)	F. K. Hawes, Esq.	5	1	0	63	708	27·89	183	130

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with .01 in. or more.	Days with .04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924				
EAST RIDING—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—EAST COAST STREAMS. 171 sq. mi.									
d Bridlington (Corpn. Nurseries)	S. R. Crofts, Esq.	5	1	0	60	698	27.47	210	134
d Bridlington (Grammar School)	G. T. Reeve, Esq.	8	1	0	76	703	27.68	188	133
d Wold Newton Hall	Major Ralph E. Stuart	5	1	6	175	738	29.07	..	131
d Ganton (Willerby Wold)	Major W. F. Wormald	5	0	9	565	757	29.79	185	127
d Filey Vicarage	Rev. Canon A. N. Cooper	5	1	0	95	689	27.12	216	135
NORTH RIDING. (Area, 2155 sq. mi.)									
1.—OUSE—Ure. 273 sq. mi.									
d Tanfield Rectory	Mr. H. H. Milman	5	1	0	150	887	34.93	181	141
d Masham Moor (Roundhill Res.)	A. S. West, Esq., C.E.	8	1	0	743	1276	50.24	252	169
d Masham Moor (Somerside)	C. G. Henzell, Esq., C.E.	5	0	9	928	1185	46.66	..	..
d Masham Moor (High Sour Mire)	C. G. Henzell, Esq., C.E.	5	0	9	884	855	33.66	..	..
d Masham Moor (Leighton Res.)	C. G. Henzell, Esq., C.E.	5	0	9	634	1050	41.35	..	..
d Masham Moor (Towler Hill)	C. G. Henzell, Esq., C.E.	8	0	9	820	1044	41.09	..	..
d Masham Moor (Breary Bank)	C. G. Henzell, Esq., C.E.	5	0	9	600	1069	42.07	..	..
d Masham Moor (Healey Pasture)	C. G. Henzell, Esq., C.E.	8	0	9	620	1049	41.29	..	..
d Masham Moor (Low Houses)	C. G. Henzell, Esq., C.E.	5	0	9	693	1067	41.99	..	..
d Clifton Castle Gardens	Lady Cowell	5	1	0	360	852	33.56	..	..
d Middleham (Cotesue)	A. Rowntree, Esq.	5	1	0	600	786	30.96	174	131
d Middleham (Castle Hill)	Col. P. H. Hammond, C.B.	5	1	0	470	849	33.44	189	137
d Middleham (The Deanery)	Late Rev. H. G. Topham	5	1	0	450	827	32.57	170	132
d West Witton (Ivy House)	J. B. Espiner, Esq.	5	1	0	606	888	34.96	207	146
d Leyburn (Bolton Hall)	Mr. F. Scrivener	8	1	0	420	884	34.82	196	137
d Askrigg (Worton)	Rev. W. M. Atkinson	5	1	0	700	989	38.94	205	149
d Hawes (The Stone House)	H. Arden Crallan, Esq.	5	1	6	845	1360	53.55	200	185
2.—OUSE—Swale. 569 sq. mi.									
Sessay Rectory	Rev. F. Payne Gallwey	5	1	0	113	704	27.72	179	132
d Dalton Parsonage	Rev. G. H. Chilman	5	1	0	79	709	27.91	183	136
d Carlton Husthwaite	W. R. Bagley, Esq.	5	1	0	190	729	28.70	204	145
d Coxwold (The Old Hall)	H. Geipel, Esq.	5	1	6	260	785	30.90	..	157
d Baldersby (Baldersby Park)	Mr. J. E. Hathaway	10	1	6	100	632	24.88	178	121
d Burniston (Camp Hill)	(r) Capt. F. H. Reynard	8	3	6	152	700	27.57	..	..
d Thirsk (Spital Hill)	Mrs. R. E. Gill	5	1	0	191	717	28.21	215	140
d Thirsk (Sowerby)	Late William Brown, Esq.	5	1	0	110	730	28.73	..	..
d Thirsk (Brynkellhow)	A. B. Hall, Esq.	8	1	0	115	714	28.11	207	135
d Thirsk (Stoneybrough)	T. J. Foggitt, Esq.	5	1	2	122	745	29.31	198	138
d Felixkirk (Thirlby)	A. J. Walker, Esq.	5	1	0	339	897	35.30	..	..
d Felixkirk (Mount St. John) (+A)	A. J. Walker, Esq.	5	1	0	523	754	29.69	212	149
d Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	10	542	789	31.08	204	145
d Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	0	541	794	31.27	209	148
d Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	0	541	789	31.05	..	..
d Boltby (Ravensthorpe Manor)	F. E. Walker, Esq.	5	1	7	661	855	33.65	201	154
d Boltby, East	A. J. Walker, Esq.	5	1	0	460	805	31.71	..	..
d Boltby (High Paradise)	A. J. Walker, Esq.	5	1	3	1144	1037	40.84	..	..
Bedale (The Hermitage)	C. Clarke, Esq.	5	0	10	465	722	28.41	..	..
d Maunby Hall	Major A. Hill-Walker, V.C.	5	1	0	90	789	31.05	..	..
d Bedale (Park House)	Miss M. Greenwood	5	1	1	180	791	31.16	169	134
Thornton-le-Moor (The Chalet)	Rev. A. W. Rainey . . . . .	..	..	..	..	717	28.23	..	..
d Borrowby (Leake Vicarage)	Rev. G. W. Kendall	5	1	0	215	745	29.34	178	132
d Scruton Hall	Rev. A. T. Coore	5	1	0	110	740	29.53	182	124
d Swaledale (Gunnarside Lodge)	W. M. Christy, Esq.	5	1	0	950	1218	47.95	..	..
d Northallerton (Brompton)	J. P. Yeoman, Esq.	5	3	0	165	763	30.04	221	140
Reeth (Arkleside)	T. R. Blumer, Esq.	5	1	0	700	929	36.56	163	136
d East Harlsey (Harlsey Hall)	Mrs. Constantine	5	1	0	370	693	27.28	..	138

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
NORTH RIDING—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—OUSE—Swale—(con.).									
d Richmond (Marske Hall).....	R. A. Tatton, Esq.....	5	1	0	525	950	37·41	212	164
d Rounton Grange	Sir Hugh Bell, Bt.	8	1	0	249	730	28·74	227	143
d West Rounton Rectory.....	Rev. G. Bird.....	5	0	11	200	652	25·68	..	..
d Reeth (Arkengarthdale)	Samuel Gott, Esq.....	5	1	0	940	1149	45·25	170	159
d Middleton Tyas	J. F. B. Baker, Esq.	5	0	10	380	727	28·64	..	..
3.—OUSE—Left Bank Tributaries. 153 sq. mi.									
d Stockton-on-Forest(StocktonHall)Mrs. Lloyd .....	.....	5	1	3	30	661	26·04	..	121
d Haxby (Moorlands)	E. G. Tew, Esq.	5	2	0	59	662	26·07	..	124
d Sutton-on-Forest (Sutton Hall) Mrs. Grey .....	.....	5	1	0	150	680	26·76	..	..
d Crayke Rectory	Rev. T. Catton	5	1	0	200	683	26·87	180	134
4.—OUSE—Derwent. 509 sq. mi.									
d Welburn	John D. Atkin, Esq.....	5	1	0	300	703	27·68	186	120
d Malton (Broughton Rise)	C. C. Laverack, Esq.	5	1	0	164	720	28·35	..	..
d Hovingham Hall	Sir W. H. A. Worsley, Bt..	5	0	9	119	827	32·55	197	151
d Ampleforth College	Rev. H. de Normanville, OSB	8	1	0	350	807	31·77	191	140
d Helmsley (Duncombe.PkGdns.) Mr. D. Williams .....	.....	5	3	0	176	993	39·09	191	154
d Pickering (Hungate Hall)	Dr. J. L. Kirk	5	1	0	90	741	29·17	201	147
d Seamer (Irtton Pump. Station) .H. Richardson, Esq., C.E..	.....	8	1	0	94	651	25·65	196	122
d Scarborough (Osgodby)	H. Richardson, Esq., C.E..	8	1	0	166	787	31·00	180	162
d East Ayton (Derwent House) .A. H. Robinson, Esq. ....	.....	5	1	0	110	695	27·37	192	141
d Scawton Rectory.....	Rev. C. H. Rowntree.....	5	1	0	606	962	37·88	216	155
d Cold Kirby (The School).....	Miss M. H. Wragg	5	1	0	763	1091	42·94	216	166
d Kirkby Moorside (Ravenswyke) Harrison Holt, Esq. ....	.....	5	1	0	220	813	32·01	..	135
d Thornton Dale (High Dalby Ho) J. A. Coulson, Esq. ....	.....	5	1	0	325	816	32·14	193	145
d Hawnby Rectory	Rev. W. Hughes	5	1	0	497	1116	43·93	..	163
5.—ESK & C. 278 sq. mi.									
d Scarborough	D. Quaife, Esq.....	5	1	0	118	636	25·03	177	122
d Scarborough (ScalbySt.Philips) Rev. W. E. Stewart .....	.....	5	1	0	130	678	26·68	183	128
d Goathland (Thwaitefield)	L. G. Rowland, Esq.	5	0	6	485	687	27·04	..	..
d Glaisdale (The Gables Gardens) Mr. H. Hope .....	.....	5	0	9	400	972	38·26	192	149
d Sleights (The Hall)	P. M. Horsfall, Esq.	5	1	6	220	770	30·32	..	..
d Danby (The School House)....	J. W. Lynas, Esq.....	5	1	0	500	926	36·45	166	149
d Danby Lodge.....	Mr. C. Hardy.....	5	3	0	500	935	36·83	173	154
d Whitby (Park Hall, Aislaby) ..	Rev. J. H. Richardson ...	5	1	6	500	769	30·26	191	132
d Whitby (Mulgrave Castle)	Mr. J. Corbett	5	1	0	410	767	30·20	215	134
d Comondale (Shirley House) ..	Mr. and Mrs. F. Elgee.....	5	1	0	548	817	32·17	198	143
d Guisborough (Lockwood Res.) .W. M. I'Anson, Esq., C.E..	.....	8	1	0	632	817	32·18	201	156
d Saltburn (Skelton Castle).....	Col. W. H. A. Wharton ..	5	0	9	272	774	30·46	233	167
6.—TEES. 373 sq. mi.									
d Ingleby Manor	Lord De L'Isle & Dudley..	5	0	11	460	838	33·00	197	138
d Ingleby Greenhow Vicarage ...	Rev. M. A. Horsfall	5	1	6	420	850	33·48	180	145
d Kildale Hall	Major R. B. Turton	5	1	2	600	971	38·21	256	159
d Yarm (Crathorne Gardens)....	Mr. C. Appleton	5	1	0	100	728	28·66	201	142
d Croft (Dalton-on-Tees)	Mr. W. Wrather	8	2	0	170	699	27·50	..	131
d Marton-in-Cleveland(Southcroft)R. Theodore Wilson, Esq... 5	.....	0	11	100	664	26·13	170	133	133
d Middlesbrough (Albert Park) ..	R. Sutcliffe, Esq.	8	1	0	30	661	26·04	182	133
d Baldersdale (Blackton Res.) ...	G. R. Collinson, Esq.	5	1	0	937	1102	43·40	..	..
d Baldersdale (Balderhead).....	G. R. Collinson, Esq.	5	1	0	1360	1323	52·10	..	..
d Baldersdale (Hury Reservoir) .G. R. Collinson, Esq. ....	.....	5	1	0	866	959	37·75	222	165
d Lunedale (Lunehead)	G. R. Collinson, Esq.	5	1	0	1450	1481	58·30	..	..
d Lunedale (Selset).....	G. R. Collinson, Esq.	5	1	0	924	1107	43·60	..	..
d Lunedale (Grassholme Res.) ...	G. R. Collinson, Esq.....	5	1	0	936	1038	40·88	..	..

DIVISION X.—NORTHERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
DURHAM. (Area, 1011 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—TEES & C. 396 sq. mi.									
D	Darlington (South Park) J. Morrison, Esq.	5	1	5	..	745	29·31	208	131
D	Darlington (North Villa) Dr. C. A. Lower	5	1	3	100	714	28·12	205	135
D	Darlington (Stanhope Road) Rev. A. W. M. Close	5	0	8	180	733	28·84	178	140
D	Darlington (Hummersknott) Mr. John Short	5	1	0	200	692	27·26	..	120
D	Barnard Castle (Bowes Mus.) S. E. Harrison, Esq.	5	1	0	500	822	32·35	207	176
D	Barnard Castle (County School) C. W. Watson, Esq.	5	1	6	540	782	30·79	193	139
D	Stockton-on-Tees (Hartburn Lo.) C. Nielson, Esq.	5	0	10	33	648	25·51	177	134
D	Stockton-on-Tees (Ropner Park) W. A. Jenkins, Esq.	5	1	9	61	603	23·72	179	122
D	Hurworth Burn (Crookfoot Res.) A. W. Branson, Esq., C.E.	10	1	6	293	691	27·21	210	135
D	Ferryhill (Winterton) H. G. Cribb, Esq.	5	4	3	360	724	28·50	178	137
D	West Hartlepool (Water Works) A. W. Branson, Esq., C.E.	10	1	0	35	680	26·78	..	..
D	Hurworth Burn Reservoir A. W. Branson, Esq., C.E.	10	1	0	357	730	28·73	212	141
D	Hartlepool (Hart Reservoir) A. W. Branson, Esq., C.E.	10	1	0	172	656	25·81	181	130
D	Shotton Pumping Station A. B. E. Blackburn, Esq. C.E.	8	1	0	422	832	32·77	242	142
D	Seaham (Dalton Pumping Sta.) A. B. E. Blackburn, Esq. C.E.	8	1	0	345	817	32·18	192	138
2.—WEAR. 464 sq. mi.									
D	Bishop Auckland (N. Bondgate) J. Kilburn, Esq.	5	1	0	316	739	29·09	199	128
D	Stanhope (Parson Byers Qy.) Messrs. Dorman, Long & Co., Ltd.	5	6	8	846	860	33·85	..	136
M	Burnhope (Grass Meres) Durham Co. Water Bd. . . . .	..	1	3	1850	1513	59·55	..	..
M	Burnhope (Lodgegill Mine) Durham Co. Water Bd. . . . .	..	1	3	1950	1703	67·05	..	..
D	Burnhope Bridge Durham Co. Water Bd. . . . .	..	1	0	1200	1252	49·28	..	..
D	Cowshill (Wellheads Hush) Durham Co. Water Bd. . . . .	..	..	..	1750	1361	53·60	..	..
D	Durham Observatory F. Sargent, Esq.	8	0	10	336	727	28·64	201	133
D	Ushaw (St. Cuthbert's College) Rev. J. R. Adamson	5	0	9	594	796	31·36	172	142
D	Pittington (Elemore Hall) Miss Baker Baker	8	0	6	323	986	38·83	..	..
D	Weardale W.W. (Tunstall Res.) H. Robinson, Esq., C.E.	8	1	2	724	856	33·71	204	165
D	Weardale W.W. (Waskerley 6) H. Robinson, Esq., C.E.	8	4	2	1229	830	32·69	..	..
D	Weardale W.W. (Waskerley 3) H. Robinson, Esq., C.E.	8	4	6	1433	896	35·26	..	..
D	Weardale W.W. (Waskerley 4) H. Robinson, Esq., C.E.	8	4	7	1321	849	33·44	..	..
D	Weardale W.W. (Waskerley 5) H. Robinson, Esq., C.E.	8	4	2	1244	850	33·47	..	..
D	Weardale W.W. (Waskerley) H. Robinson, Esq., C.E.	8	0	11	1179	892	35·12	199	158
D	Weardale W.W. (Waskerley 2) H. Robinson, Esq., C.E.	8	4	5	1367	851	33·51	..	..
D	Weardale W.W. (Waskerley 1) H. Robinson, Esq., C.E.	8	4	4	1317	850	33·46	..	..
D	Chester-le-Street (Biddick Hall 1) Mr. J. Fletcher	5	1	0	150	827	32·55	234	148
D	Ryhope Pumping Station A. B. E. Blackburn, Esq., C.E.	8	1	1	228	815	32·09	187	135
D	Sunderland (W. Hendon H.) No. 5. Mrs. W. A. Mounsey	5	1	0	130	843	33·21	209	144
D	Sunderland (Mowbray Park) (+A) H. Renney, Esq., M.D.	5	1	0	105	799	31·44	184	138
D	Sunderland (Cedars End) W. F. Vint, Esq.	5	1	0	115	830	32·68	203	135
D	Sunderland (Southwick Cemety) Mr. J. Burdis	8	1	0	171	967	38·08	173	139
3.—TYNE, LOWER. 151 sq. mi.									
D	Weardale W.W. (Smiddy Shaw) H. Robinson, Esq., C.E.	8	1	3	1128	911	35·85	231	170
D	Consett Park Farm J. D. Brown, Esq.	5	4	3	641	807	31·79	..	127
D	Chopwellwood (Armstrong Coll.) T. E. Anderson, Esq.	8	1	0	446	821	32·34	204	140
D	Sunderland (Cleaton Pump Stn.) A. B. E. Blackburn, Esq. C.E.	8	1	0	216	743	29·27	190	128
D	Ryton-on-Tyne (Balgonie Ho.) J. W. Smith, Esq., M.D.	5	1	3	258	834	32·83	196	145
D	South Shields (Bent's Park) Dr. W. Nicoll	5	1	0	36	778	30·64	208	133
NORTHUMBERLAND. (Area, 2015 sq. mi.)									
1.—EDEN. 20 sq. mi.									
2.—SOUTH TYNE. 232 sq. mi.									
D	Allenheads J. W. Metcalfe, Esq.	8	1	0	1353	1091	42·95	..	..
3.—TYNE, LOWER. 227 sq. mi.									
D	Corbridge (Howden Dene) T. D. Straker-Smith, Esq.	5	1	0	200	669	26·36	189	137
D	Hexham (Beaufront Castle) The Lady Rayleigh	8	1	0	400	841	33·13	..	..
D	Newcastle (Lit. and Phil. Soc.) H. Richardson, Esq.	8	55	0	160	952	37·47	..	..
D	Newcastle (Leazes Park) W. J. Steele, Esq.	5	1	0	255	855	33·65	..	131
D	Newcastle (Town Moor) D. C. Baldie, Esq.	5	2	0	201	838	33·00	195	141
D	Newcastle (Wellburn, Jesmond) J. H. Holmes, Esq., C.E.	5	1	6	163	823	32·41	195	140

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
NORTHUMBERLAND—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—TYNE, LOWER—(con.)									
D Tynemouth (Tyne Pier Works)	R. F. Hindmarsh, Esq., C.E.	5	1	8	65	747	29·42	192	134
D Tynemouth (Coastguard Stat.)	The Meteorological Office	8	1	0	97	743	29·26	196	127
Whittle Dean (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	0	6	380	733	28·86	213	148
Whittle Dean Filters (N'stle W.W.)	A. Hardcastle, Esq., C.E.	5	1	1	353	766	30·15	201	150
4.—NORTH TYNE. 433 sq. mi.									
N. Tyne (G. Crag) (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1	0	896	798	31·41	..	..
Hallington Vill. (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1	0	467	804	31·66	..	..
Hallington Res. (N'castle W.W.)	A. Hardcastle, Esq., C.E.	5	1	0	470	785	30·90	208	155
Hallington (Fawcett) (Newc. WW)	A. Hardcastle, Esq., C.E.	5	1	2	537	799	31·46	..	..
Hallington (Cheviot) (Newc. WW)	A. Hardcastle, Esq., C.E.	5	1	2	576	762	30·01	..	..
Camphill (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	1	0	650	873	34·36	..	..
Colt Crag (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	1	0	654	857	33·72	209	169
D Falstone Rectory	Rev. A. J. Dexter	5	1	0	485	1013	39·88	239	168
D Bellingham (High Green Man.)	Capt. Sir C. Morrison-Bell, Bt.	5	1	0	849	793	31·22	226	156
Redewater (Catcleugh)	A. Hardcastle, Esq., C.E.	5	1	0	819	987	38·86	224	176
5.—COQUET & C. 840 sq. mi.									
Whittington (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	8	0	9	528	740	29·15	..	..
Burnside (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	5	0	9	419	758	29·86	..	..
Ryal Cottage (Newcastle W.W.)	A. Hardcastle, Esq., C.E.	10	0	9	463	744	29·28	..	..
Morpeth (Ashington)	J. Gray, Esq.	5	8	0	110	760	29·91	197	131
D Morpeth (Cockle Park)	A. Logan Wood, Esq.	8	1	0	325	839	33·02	191	138
D Font Res. (Tynemouth W. W.)	J. W. McKerrow, Esq.	10	1	6	614	923	36·36	241	170
Long Horsley (Ghyllheugh)	S. J. Redpath, Esq.	5	1	0	250	924	36·38	247	166
D Rothbury (Brinkburn Priory)	Mrs. Hugh Fenwick	8	1	0	257	880	34·63	177	157
L. Framlington (Embleton H.)	J. C. Fenwick, Esq.	5	0	9	430	881	34·69	..	..
d Acklington (Broomhill Colliery)	A. M. Morison, Esq.	5	7	6	92	756	29·75	..	123
D Rothbury (Crag-side)	Miss L. Hudson	8	1	3	405	882	34·74	217	161
Alnmouth (Nether Grange)	Miss E. Pease, J.P., O.B.E.	5	1	6	40	816	32·13	197	144
D Howick Hall Gardens	Mr. J. Wright	8	0	10	121	850	33·48	185	140
6.—TWEED. 262 sq. mi.									
D Glanton (Glanton Pyke Gdns.)	Mr. J. Henderson	8	4	2	521	697	27·46	215	152
d Wooperton	Mrs. Burdon	5	1	7	..	746	29·36	..	121
D Ilderton (Lilburn Tower)	A. B. Collingwood, Esq.	10	6	0	300	717	28·23	180	116
D Ilderton (Lilburn Tower Grdns.)	Mr. W. Lovett	5	1	0	240	789	31·08	178	136
D Kirknewton (Coldburn)	W. Anderson, Esq.	5	0	11	1052	1180	46·46	197	150
Wooler (St. Ninians)	Dr. R. Walker	8	0	10	176	773	30·43	..	..
D Doddington Vicarage	Rev. J. G. Shotton	8	1	4	140	669	26·36	191	121
Mindrum (Thornington House)	Leonard Briggs, Esq.	5	..	..	..	743	29·24	..	..
D Berwick-on-Tweed (Ramparts)	J. H. Huffam, Esq.	5	1	0	76	624	24·57	188	109
7.—INSULAR. 1 sq. mi.									
CUMBERLAND. (Area, 1516 sq. mi.)									
1.—EDEN & SOLWAY. 887 sq. mi.									
D Ullswater (Hallsteads)	F. Thomasson, Esq.	5	2	0	497	1525	60·06	197	172
D Watermillock (Mell Fell House)	Mrs. Spring-Rice	5	1	6	970	1305	51·37	210	171
d Penrith (Hutton John)	F. Hudleston, Esq., C.E.	5	1	0	689	1112	43·79	..	..
D Penrith (Briar Cottage)	H. Lester, Esq.	5	1	0	575	835	32·89	203	153
D Penrith (Benson House)	A. B. Sinclair, Esq.	5	2	4	480	920	36·21	227	156
Penrith (Greystoke Castle)	J. Smith Hill, Esq.	5	1	3	650	1004	39·54	..	..
D Penrith (Ennism)	Mrs. Hamlet Riley	5	1	0	660	979	38·53	205	161
Flimby	Wilfred Irwin, Esq.	5	1	0	50	841	33·11	..	..
D Uldale (Chapel House Res.)	J. Strong, Esq.	8	1	0	620	1152	45·37	246	180
D Penrith (Nunwick Hall)	Mrs. Heywood Thompson	5	1	0	298	798	31·40	196	152
D Mealsgate (Quarry Hill)	J. R. Watters, Esq.	8	1	0	487	939	36·99	241	156
D Renwick (Ravenwood)	W. Salkeld, Esq.	5	4	0	750	1013	39·88	230	205
D Ainstable (Heather Glen)	A. Guthrie-Smith, Esq.	5	1	6	500	887	34·92	222	165
D Wigton (Brookfield)	David W. Reed, Esq.	5	5	0	124	904	35·59	203	163
D Wigton (Dacre House)	late J. H. Walker, Esq.	5	4	6	134	937	36·88	212	165

DIVISION X.—NORTHERN COUNTIES.—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.					
CUMBERLAND—(con.).		in.	ft.	in.	ft.	mm.	in.		
d Wreay Vicarage.....	Rev. Canon A. R. Hall ...	5	2	0	310	828	32·59	219	161
d Silloth	Miss A. P. Farries	5	1	2	778	828	32·59	..	..
d Geltsdale.....	H. C. Marks, Esq., C.E....	5	1	2	778	961	37·83	258	174
d Carlisle (Spital Cemetery)	J. T. Charlton, Esq.....	8	1	0	114	889	35·01	210	170
d Carlisle (Denton Holme)	W. Eggleston, Esq.	5	2	0	57	845	33·25	..	..
d Carlisle (Scaleby Hall)	Sir R. A. Allison.....	5	1	0	112	850	33·47	226	162
d Penton (Warwicksland School)	W. Roden, Esq.....	5	1	0	360	1045	41·14	224	180
2.—DERWENT. 257 sq. mi.									
m Sprinkling Tarn	The Meteorological Office .	5	1	6	1985	4134	162·75	..	..
m Styehad Tarn	The Meteorological Office .	5	1	0	1472	3724	146·60	..	..
m The Sty B.....	The Meteorological Office .	4	0	6	1077	4851	191·00	..	..
m The Sty B.... <i>Seathwaite g.</i>	The Meteorological Office .	5	1	6	1070	5118	201·50	..	..
m The Sty C	The Meteorological Office .	4	1	0	1077	4901	192·97	..	..
m The Sty D	The Meteorological Office .	4	1	0	1077	4475	176·20	..	..
m Borrowdale (Seathwaite)	The Meteorological Office .	4	0	6	422	3754	147·80	..	..
Borrowdale (Seathwaite)	The Meteorological Office .	5	1	0	423	3192	125·67	..	..
Borrowdale (Seathwaite) <i>Field.</i>	Miss C. Marshall.....	5	1	0	423	3217	126·65	..	..
m Ullscarf	L. Holme Lewis, Esq., C.E.	6	1	3	2100	2492	98·10	..	..
m Wythburn	L. Holme Lewis, Esq., C.E.	6	1	3	610	2558	100·70	..	..
Helvellyn (Whiteside)	L. Holme Lewis, Esq., C.E.	6	1	3	2100	2461	96·90	..	..
d Buttermere (Hassness)	S. O. Hanlon, Esq.....	5	1	0	350	3714	146·23	261	214
Thirlmere (Dale Head Hall)	L. Holme Lewis, Esq., C.E.	6	1	3	620	2136	84·10	..	..
d Keswick (Derwent Island)	C. E. Marshall, Esq.	5	0	7	280	1677	66·03	240	181
d Keswick (Derwent Island)	C. E. Marshall, Esq.	5	0	9	290	1599	62·96	240	178
d Keswick (The Bank)	Mr. W. E. Campbell	5	1	3	265	1597	62·88	239	192
d Keswick (High Hill).....	H. Swinburn, Esq.....	5	1	0	254	1523	59·98	224	184
d Keswick (Mirehouse)	Miss Spedding	5	1	6	280	1366	53·78	245	173
d Workington (Stainburn Res.)	H. Bowman Williams, Esq.	5	1	0	180	984	38·74	211	158
d Cockermouth (Derwent Lodge)	Wilfred Irwin, Esq.	5	1	0	200	1113	43·83	234	160
d Threlkeld (Blencathra Sanat.)	Dr. W. Goodchild	5	1	0	885	1671	65·79	220	164
d Camerton Vicarage	Rev. E. C. Bennett	5	1	0	200	891	35·10	..	..
d Bassenthwaite Vicarage	Rev. M. H. Banister	5	1	0	350	1167	45·93	238	174
Bassenthwaite (Higham)	G. F. Fisher, Esq.....	5	0	9	500	1231	48·46	219	169
3.—WEST COAST STREAMS. 235 sq. mi.									
Ravenglass (The Grove).....	Walter Marchant, Esq.	5	3	0	70	1185	46·66	205	171
Esdkale Green (Gatehouse)	Mr. J. W. Rainbow*.....	5	1	0	215	1553	61·16	242	..
d Seascale (Whinthwaite)	late Dr. R. Hellon	5	1	0	52	1186	46·68	..	..
d Calder Bdge (Ponsonby Old Par.)	G. L. McKelvie, Esq.	5	1	6	300	1399	55·09	207	193
Braystones	H. H. Watson, Esq.	10	3	6	36	1191	46·89	..	..
d Egremont (The Grange).....	J. Sherwen, Esq.	8	1	0	350	1473	57·99	239	193
m Egremont (Lank Rigg)	J. Sherwen, Esq.	5	1	0	1750	2315	91·15	..	..
d St. Bees (Bickerley House)	(R) Lt. Col. G. Dixon	8	1	6	60	1282	50·46	226	177
d Whitehaven (Scragill Reservoir)	E. E. Stiven, Esq., C.E....	8	1	0	188	1283	50·50	238	186
Whitehaven (Irish Street)	Dr. Alex. G. Henderson...	5	1	1	21	1244	48·98	199	180
d Workington (Winscales House)	Miss Trench	5	1	6	440	959	37·75	225	160
4.—DUDDON & C. 50 sq. mi.									
d Silecroft (Old Chappels)	G. H. Holt, Esq.	5	1	0	200	1607	63·28	229	198
5.—SOUTH TYNE. 87 sq. mi.									
WESTMORLAND. (Area, 783 sq. mi.).									
1.—EDEN. 373 sq. mi.									
d Kirkby Stephen (Redman Ho.)	Mrs. T. Mason	5	1	0	574	1174	46·21	197	168
Mosedale (Mosedale Cottage)	L. Holme Lewis, Esq., C.E.	5	1	0	1442	2633	103·67	..	..
Wet Sleddale (Mirethwaite)	L. Holme Lewis, Esq., C.E.	5	1	0	989	1879	73·97	..	..
Blea Water	L. Holme Lewis, Esq., C.E.	5	1	0	1477	2820	111·03	..	..
Mardale (Grove Brae)	L. Holme Lewis, Esq., C.E.	5	1	0	800	2485	97·85	..	..

* Per Miss Cordelia Marshall.

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
WESTMORLAND—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—EDEN—(con.).									
Swindale Head.....	L. Holme Lewis, Esq., C.E.	5	1	0	1029	1920	75·60	..	..
Grizedale (Ruthwaite Lodge)...	W. J. Marshall, Esq.*	8	1	6	1750	2530	99·60	..	..
Shap (Force Beck).....	L. Holme Lewis, Esq., C.E.	5	1	0	1062	1301	51·23	..	..
Shap (Thornship Gill).....	L. Holme Lewis, Esq., C.E.	5	1	0	865	1502	59·15	..	..
Shap (Tailbert Head).....	L. Holme Lewis, Esq., C.E.	5	1	0	1103	1612	63·45	..	..
Shap (Kirk Bank).....	L. Holme Lewis, Esq., C.E.	5	1	0	911	1373	54·05	..	..
d Stainmore (Rampson).....	Mrs. Bracken.....	5	1	9	981	950	37·40	247	175
Hawes Water (Naddle House)...	L. Holme Lewis, Esq., C.E.	5	1	0	830	1715	67·54	..	..
Hawes Water (Measand).....	L. Holme Lewis, Esq., C.E.	5	1	0	831	1877	73·91	..	..
Measand Beck (Keasgill).....	L. Holme Lewis, Esq., C.E.	5	1	0	1877	1714	67·49	..	..
Patterdale Hall.....	W. J. Marshall, Esq.*	5	1	3	490	2365	93·13	225	..
Cawdale Beck (Howe Grain)...	L. Holme Lewis, Esq., C.E.	5	1	0	1638	1484	58·43	..	..
Heltondale (Kidmoor).....	L. Holme Lewis, Esq., C.E.	5	1	0	988	1456	57·33	..	..
Patterdale (Greenside Mine)...	Matthew Place, Esq.	7	1	6	1000	2470	97·25	222	199
d Appleby (Castle Bank).....	C. R. Rivington, Esq.	5	1	0	440	1053	41·46	227	177
Ullswater (Sharrow Bay).....	Mr. G. Robinson.....	5	0	7	600	1300	51·18	..	..
d Penrith (Morland).....	F. R. Markham, Esq.	5	1	0	456	951	37·46	204	160
d Penrith (Barton House).....	Mrs. Legh Tolson.....	5	0	10	500	1060	41·75	204	163
d Penrith (Brougham Gardens)...	Mr. J. H. Lane.....	5	5	0	470	854	33·61	205	152
2.—LEVEN. 60 sq. mi.									
d Bowness (Dawstone).....	Miss Irene Synge.....	5	1	2	550	1409	55·49	219	188
d Windermere (Hammar Bank)...	Mrs. H. Coutts.....	5	1	0	200	1761	69·35	250	197
d Windermere (Holehird).....	W. G. Groves, Esq.	5	1	0	483	1896	74·66	275	209
Windermere (Brockhole).....	W. Gaddum, Esq.	5	1	6	175	1775	69·88	233	195
Ambleside (Wansfell).....	Miss Wrigley.....	8	1	0	150	2174	85·60	251	..
M Little Langdale (Fell Foot)...	Miss C. Marshall.....	5	2	2	380	3250	127·97	..	..
d Ambleside (White Craggs)...	C. H. Hough, Esq.	5	1	7	200	1985	78·14	237	199
d Ambleside (Market Square)...	G. A. Johnston, Esq., M.D.	5	1	0	180	1986	78·18	245	200
Elterwater (Eltermere).....	Miss C. Marshall.....	5	1	0	205	2462	96·92	225	..
Rydal (The Stepping Stones)...	Gordon Wordsworth, Esq.	5	1	0	190	2233	87·91	254	206
d Rydal.....	Miss M. Yates.....	5	1	0	390	2291	90·20	263	216
d Rydal (High Close).....	F. E. T. Jones Balme, Esq.	8	0	9	553	2374	93·47	239	199
d Rydal (The Hall).....	J. Woollard, Esq.	5	0	6	354	2272	89·45	261	215
d Dungeon Ghyll.....	Miss C. Marshall.....	5	1	0	310	2900	114·16	233	215
M Mickleden.....	Miss C. Marshall.....	5	1	6	490	3455	136·04	..	..
d Grasmere (The Wray).....	Miss G. M. Simpson.....	5	1	0	221	2562	100·85	261	213
3.—KENT. 188 sq. mi.									
d Burton (Under Fell).....	J. B. Hoyle, Esq.	5	0	9	225	1261	49·64	232	190
d Heversham (Plumtree Hall)...	Miss M. C. Watson.....	5	0	8	115	1377	54·23	251	185
d Killington Reservoir.....	L. M. & S. Railway Co.	8	2	8	674	1446	56·92	..	..
d Kendal (Crosthwaite Vicarage)...	Rev. T. Heelis.....	5	1	0	165	1513	59·56	204	186
d Kendal (Vicarage Terrace)...	G. F. Braithwaite, Esq.	8	3	3	150	1387	54·59	220	183
d Kendal (Holmcroft).....	R. Rhodes, Esq.	5	1	3	150	1461	57·50	230	185
d Kendal (Greenside).....	Miss C. E. Wilson.....	5	1	0	380	1551	61·08	..	..
d Kendal (Horncop Lane).....	Allan Jesper, Esq.	5	1	0	150	1536	60·49	224	188
Kendal (Ellergreen).....	C. J. Cropper, Esq.	5	1	6	270	1737	68·40	213	192
Kentmere Head Reservoir....	Messrs. G. Gilkes & Co.	5	2	0	920	2350	92·51	..	..
4.—LUNE. 122 sq. mi.									
Kirkby Lonsdale.....	J. R. Picard, Esq.	7	0	8	215	1353	53·27	..	..
d Barbon Manor.....	Lord Shuttleworth.....	5	1	3	650	1448	57·01	213	202
d Barbon (The Stores).....	W. Wilkinson, Esq.	5	1	0	310	1384	54·49	219	187
Ravenstonedale (Railway Station)...	J. W. Jackson, Esq.†	5	1	0	800	1280	50·38	..	..
d Orton.....	Michael Scott, Esq.	5	1	0	770	1694	66·69	244	196
5.—TEES. 40 sq. mi.									

*Per Miss Cordelia Marshall.

†Per Lune Board of Conservators.

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS.

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
MONMOUTH. (Area, 534 sq. mi.).		in.	ft.	in.	ft.	mm.	in.		
1.—RHYMNEY. 39 sq. mi.									
d Rumney (Witla Court)	Mr. H. H. Merrett	5	1	0	177	1401	55·14	190	162
St. Mellons (Druidstone)	Mr. G. H. Shoebridge	5	1	0	..	1388	51·65	194	160
2.—EBBW. 88 sq. mi.									
Rogerstone (Brynhedydd)	Lt. Col. Blethyn T. Rees, C.E.	5	0	8	333	1168	45·98	..	..
d Rogerstone (Rhiwderin)	L. Forestier-Walker, Esq., MP	5	1	3	259	1305	51·37	202	161
d Blackwood	D. H. Price, Esq.	5	0	10	630	1668	65·66	207	172
d Abertillery (The Park)	S. E. Thomas, Esq.	5	1	0	700	1816	71·50	226	191
d Tredegar Laboratory	W. Morgan, Esq.	5	2	0	950	1472	57·96	204	168
d Tredegar (Redesdale)	D. W. Davies, Esq.	5	1	6	963	1668	65·67	215	178
d Tredegar (The Bungalow)	S. L. Filer, Esq.	5	1	0	1028	1622	63·86	208	179
d Ebbw Vale (Iron Works)	J. H. Williams, Esq., V.C.	8	1	0	902	1755	69·10	218	183
d Nant-y-bwch (Shon Sheffrey's W)	D. W. Davies, Esq.	5	1	5	1204	2609	79·10	235	197
3.—USK & C. 290 sq. mi.									
d Portskewett (Sudbrook)	H. V. Woodward, Esq., C.E.	8	0	10	22	1184	46·62	..	..
d Newport W.W. (Friar St. Yard)	Newport Corporation	5	6	0	32	1450	57·10	187	158
d Newport WW (Ynis-y-fro Res.)	Newport Corporation	5	1	0	136	1529	60·20	220	167
d Newport WW (Pant-y-reos Res.)	Newport Corporation	5	1	0	435	1520	59·83	207	170
d Newport W.W. (Llanvaches)	Newport Corporation	5	0	10	456	1452	57·16	211	164
d Newport W.W. (Nantyridd)	Newport Corporation	5	1	0	500	1518	59·77	207	166
d Chepstow (Itton Court)	Col. E. C. Curre	5	1	0	390	1294	50·93	187	161
d Caerleon (Cwm-y-Wiwer)	Lt. Col. Blethyn T. Rees, C.E.	5	1	0	112	1328	52·30	192	163
d Newport W.W. (Newchurch)	Newport Corporation	5	1	0	550	1581	62·26	209	172
d Usk (Castle Parade House)	J. Maitland Watkins, Esq.	5	1	0	75	1311	51·62	185	153
d Usk (Monmouth. Agric Instn.)	G. H. Purvis, Esq.	5	1	0	71	1276	50·24	189	147
d Abersychan (Snatchwood Pk.)	Godfrey E. Jones, Esq.	8	1	0	529	1845	72·62	219	184
d Abersychan (Glansychan)	G. W. James, Esq.	5	1	0	699	1788	70·40	237	187
d Goytre (Goytre Hall)	Mrs. Lionel Whitehead	9	1	2	300	1653	65·09	195	176
d Blaenavon (Estate Office)	E. J. John, Esq.	8	4	0	1150	1688	66·45	..	..
d Abergavenny (Ty Clyd)	F. D. Llewelyn, Esq.	5	1	0	290	1488	58·59	206	162
d Abergavenny (Mansel Place)	C. Webb, Esq.	8	7	2	224	1335	52·55	184	152
d Abergavenny (Larchfield)	Dr. N. R. Phillips	5	1	0	240	1253	49·32	194	155
d Abergavenny (The Chain)	W. Baker-Gabb, Esq.	5	1	0	310	1277	50·28	198	154
d Grwyne Fawr (Coed Dias)	W. Baker-Gabb, Esq.	5	1	0	900	1379	54·27	217	178
4.—WYE. 117 sq. mi.									
Chepstow (The Cedars)	J. E. G. Lawrence, Esq.	5	3	0	150	1252	49·28	..	155
d Monmouth (Pentwyn)	Rev. Canon J. T. Harding	9	1	0	191	1079	42·50	170	147
d Monmouth (Cornwall House)	P. G. Harvey, Esq.	5	0	11	55	981	38·64	188	142
d Llanvihangel Crucorney Depôt	J. F. Jupp, Esq., C.E.	5	1	0	501	1239	48·78	180	172
GLAMORGAN. (Area, 808 sq. mi.).									
1.—LOUGHOR. 55 sq. mi.									
d Gorseinon (Penllergaer)	Sir J. T. D. Llewelyn, Bt.	5	3	0	240	1529	60·20	201	182
d Felindre (Blaenant Dhu)	G. R. Collinson, Esq., C.E.	5	1	3	348	1757	69·16	224	199
d Felindre (Lower Lliw Res.)	G. R. Collinson, Esq., C.E.	8	1	3	427	1565	61·63	223	190
d Felindre (Upper Lliw Res.)	G. R. Collinson, Esq., C.E.	8	1	3	600	1927	75·87	235	190
2.—GOWER PENINSULA. 62 sq. mi.									
Penmaen (Cefn Mor)	Mrs. Bostock	5	1	5	300	1286	50·64	190	170
d Sketty (Rhydyrhelyg)	E. H. Perkins, Esq.	5	1	0	124	1483	58·40	221	188
3.—TAFE. 47 sq. mi.									
d Swansea (Victoria Park)	(+A) Mr. D. Bliss	8	1	0	27	1428	56·21	232	187
d Morriston (Pentrepeth House)	Dr. M. W. Williams	5	1	0	236	1638	64·49	230	192
d Ystalyfera (Wern House)	J. Williams, Esq.	5	1	6	240	2088	82·22	224	195
4.—NEATH. 82 sq. mi.									
d Briton Ferry (Brynsiriol)	H. A. Clarke, Esq., C.E.	5	1	0	33	1445	56·90	193	170
d Briton Ferry (Cefn Court)	H. A. Clarke, Esq., C.E.	5	1	0	503	1563	61·52	201	182
d Neath (Gnoll Reservoir)	H. A. Clarke, Esq., C.E.	5	1	0	204	1479	58·25	191	171
d Neath (Maesmelyn)	Major E. Ll. Green	5	2	0	115	1183	46·59	203	170
d Neath (Bryn Teg)	H. P. Lloyd, Esq.	5	0	9	100	1509	59·42	200	182
d Neath (Glynfelin)	T. Gibbins, Esq.	5	1	4	180	1619	63·75	..	179
d Rhondda W.W. (Llyn Fawr Res.)	Mr. J. B. Hughes	8	1	0	1220	2540	100·00	229	189
d Pontardawe (Plas Cilybebyll)	J. H. B. Lloyd, Esq.	5	1	6	500	2178	85·76	..	..

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
GLAMORGAN—(con.).		in.	ft.	in.	ft.	mm.	in.		
5.—OGMORE & C. 350 sq. mi.									
	Cowbridge (Fonmon Castle) . . . Mrs. Oliver Jones	8	1	2	130	1183	46·56	..	149
d	Barry W.W. (Biglis) T. E. Franklin, Esq., C.E.	5	1	0	20	1269	49·96	200	158
	Barry W.W. (Merthyr Dyfan R.) T. E. Franklin, Esq., C.E.	5	1	0	300	1391	54·76	..	..
	Barry W.W. (Dinas Powis Res.) T. E. Franklin, Esq., C.E.	5	1	0	165	1377	54·23	..	..
	Lower Penarth E. I. Evans, Esq., C.E.	5	1	0	67	1179	46·40	..	154
d	Cardiff (Cogan Pumping Statn.) C. H. Priestley, Esq., C.E.	5	1	0	121	1451	57·14	195	165
d	Cardiff (Ely Pumping Station) . . C. H. Priestley, Esq., C.E.	5	1	0	53	1388	54·65	258	168
d	Fairwater (Glan Ely Hosp.) . . . Medical Superintendent	8	0	11	122	1472	57·95	192	167
d	Cardiff (St. Fagans Castle) . . . Capt. H. A. Pettigrew	5	0	11	100	1546	60·86	197	168
d	Cowbridge (Ash Hall) E. Tudor Owen, Esq.	8	3	6	315	1479	58·22	204	172
d	Merthyr Mawr Lt.-Col. J. D. Nicholl	5	1	0	75	1393	54·84	240	184
d	Bridgend (Highmead) H. J. Randall, Esq.	5	1	0	80	1457	57·35	216	180
d	Port Talbot (Twyn-yr-hydd) . . . E. N. David, Esq.	5	1	3	180	1358	53·47	210	171
d	Port Talbot (Groeswen Ganol) A. Bishop, Esq.	8	1	0	51	1260	49·60	221	171
d	Maesteg (Neath Road) Llewelyn C. Lloyd, Esq.	8	0	10	700	1851	72·86	230	200
	Pontycymmer (Garw Sec. Sch.) J. J. Morgan, Esq.	5	1	0	600	2154	84·82	..	178
d	Pontycymmer (Police Station) . . . Sergeant Evans	5	..	..	570	2519	99·19	..	..
d	Glyncofrwg Colliery Mr. J. Preece	5	4	6	725	2387	93·99	216	195
6.—TAFF. 157 sq. mi.									
d	Cardiff (Trade Street Depôt) . . C. H. Priestley, Esq., C.E.	5	1	0	45	1338	52·67	190	161
d	Llandaff (West Hill) J. E. Gladstone, Esq.	5	1	0	110	1438	56·61	207	165
d	Rhubina Reservoir C. H. Priestley, Esq., C.E.	5	1	0	336	1654	65·12	211	173
d	Pontypridd (Lan Wood Res.) . . T. W. Coates, Esq., C.E.	5	1	6	300	1784	70·23	216	165
d	Ystradgynfwr (Tyntyla Hos.) . . J. D. Jenkins, Esq., M.D.	5	1	0	590	1669	65·71	189	168
d	Treharris Service Reservoir . . . A. J. Marshall, Esq., C.E.	5	1	0	765	1761	69·34	204	181
d	Mountain Ash (Maesydderwen) Lt.-Col. M. Morgan	5	1	0	483	1836	72·29	196	168
d	Mountain Ash (Darranlas Res.) W. G. Thomas, Esq., C.E.	5	0	11	540	1868	73·54	221	178
d	Treherbert (Tyn-y-waun) O. Thomas, Esq.	5	1	0	801	2673	105·25	229	192
d	Cwmaman Collieries R. R. Davies, Esq.	5	2	2	930	2255	88·78	..	..
d	Rhondda (Pont Lluest Wen R.) 3 T. W. Coates, Esq., C.E.	5	1	6	1100	2461	96·91	217	200
d	Rhondda (Pont Lluest Wen R.) 2 T. W. Coates, Esq., C.E.	5	1	6	1225	2403	94·62	216	202
d	Rhondda (Pont Lluest Wen R.) 1 T. W. Coates, Esq., C.E.	5	1	6	1280	2724	107·25	216	203
d	Merthyr Tydfil (Penbryn Filters) A. J. Marshall, Esq., C.E.	5	1	0	936	1720	67·70	233	188
d	Dowlais (Gwernllwyn) R. C. Harrison, Esq.	5	1	6	1071	1295	50·97	205	174
7.—RHYMNEY. 55 sq. mi.									
d	Cardiff (Roath Park) A. A. Pettigrew, Esq.	5	1	0	49	1440	56·71	210	173
d	Cardiff (Penylan) R. M. F. Picken, Esq., M.D.	5	1	0	203	1405	55·32	198	166
d	Cardiff (Heath Filters) C. H. Priestley, Esq., C.E.	5	1	0	132	1429	56·27	195	171
d	Llanishen Reservoir C. H. Priestley, Esq., C.E.	5	1	0	155	1336	52·59	193	163
d	Lisvane Reservoir C. H. Priestley, Esq., C.E.	5	1	0	150	1312	51·66	191	162
d	Rhymer Bridge Reservoir . . . E. Watkins Edwards, Esq., C.E.	8	1	0	1098	1911	75·24	224	196
CARMARTHEN. (Area, 918 sq. mi.).									
1.—TEIFI. 87 sq. mi.									
2.—TOWY & C. 715 sq. mi.									
d	Carmarthen (The Friary) Dr. L. M. Bowen-Jones	5	1	5	62	1461	57·51	234	189
d	Llandilo (Golden Grove Gdns.) Mr. W. Robinson	6	1	6	125	1756	69·13	200	192
d	Llandilo (Dynevor Castle) . . . Lord Dynevor	8	1	4	202	1534	60·38	239	190
d	Llandilo (Bryneithen) F. L. Puxley, Esq.	5	1	0	300	1585	62·41	227	193
d	Llandilo (Cwmifor C. Sch.) . . . T. I. Griffiths, Esq.	5	1	0	210	1510	59·45	213	192
d	Llyn-y-fan Fach (Waen Sychlwch) R. C. Jones, Esq.	5	1	0	1647	2752	108·36	222	199
d	Llyn-y-fan Fach (Llethr-y-Llyn) R. C. Jones, Esq.	5	1	0	1665	2452	96·54	222	197
d	Llyn-y-fan Fach (Afon Sychlwch) R. C. Jones, Esq.	5	1	0	1371	2897	114·04	222	201
d	Llyn-y-fan Fach (Nant Cŏch) . . R. C. Jones, Esq.	5	1	0	1172	2453	96·59	221	195
d	Llanddeusant (Pontcrynfe) . . . J. Thomas, Esq.	5	1	0	323	1768	69·59	223	182
d	Llandovery (Nantyrhogfaen) . . D. T. M. Jones, Esq.	5	1	0	249	1551	61·06	234	191
d	Llanwrda (Dolaucothy) Lady Hills-Johnes	5	2	6	498	1921	75·61	269	219

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
CARMARTHEN—(con.).		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>mm.</i>	<i>in.</i>		
3.—LOUGHOR & C. 104 sq. mi.									
d Llanelly (Old Market Yard)....	G. Watkeys, Esq., C.E....	5	12	0	35	1564	61·56	222	190
d Llanelly (Filter Beds)	G. Watkeys, Esq., C.E....	5	1	0	237	1524	59·99	220	190
d Llanelly (Cwmlliedi W.W.)	G. Watkeys, Esq., C.E....	5	2	3	240	1479	58·21	237	194
d Llanelly (Upper Lliedi Res.)....	G. Watkeys, Esq., C.E....	5	3	0	290	1735	68·31	226	202
w Llannon	R. C. Jones, Esq.	5	1	0	860	1976	77·79	..	..
4.—TAFE. 7 sq. mi.									
5.—USK. 5 sq. mi.									
6.—WYE.									
PEMBROKE. (Area, 617 sq. mi.).									
1.—TEIFI. 37 sq. mi.									
d Boncath (Ffynone).....	Col. Spence-Colby	5	1	0	300	1536	60·47	221	185
2.—NEVERN & C. 91 sq. mi.									
d Boncath (Blaenffos School)....	W. T. Williams, Esq.....	5	1	0	500	1563	61·54	..	..
3.—WEST COAST STREAMS. 82 sq. mi.									
d St. Davids	P. O. Bulbrook, Esq.....	5	1	0	124	945	37·19	194	153
d Llanrhian (N.P. School)	Bryn Davies, Esq.	5	1	6	200	1148	45·18	219	187
4.—CLEDDAU & C. 407 sq. mi.									
Pembroke (Stackpole Court) ..	Mr. F. G. Garlick	6	1	6	60	1280	50·39	214	185
d Tenby (The Priory)	Miss D. G. Truscott	8	0	10	87	1288	50·69	220	189
d St. Ann's Head	The Meteorological Office.	8	0	10	150	1041	40·98	204	162
d Pembroke Dock (County School)	J. H. Garnett, Esq.....	5	1	0	85	1307	51·47	224	180
d Pembroke Dock (Admiralty R.)	W. T. Coldicott, Esq.....	8	1	0	90	1221	48·07	210	175
d Milford Haven (Co. School)	F. L. Lowther, Esq.....	5	1	0	150	1199	47·20	..	..
d Saundersfoot (Hean Castle)....	Lord Merthyr.....	5	1	0	206	1178	46·38	180	169
d Crunwere (N.P. School).....	H. J. Parr, Esq.....	5	1	0	410	1587	62·50	249	193
Haverfordwest (Picton Castle) .	Sir C. E. G. Philipps, Bt... 5	0	10	138	1400	55·13	226	..	..
d Haverfordwest (Portfield)	J. W. Phillips, Esq.	5	1	0	250	1401	55·16	223	180
d Haverfordwest (Grammar Sch.) .	J. W. Phillips, Esq.	5	1	0	95	1527	60·11	210	176
d Mynachlogddu Council School ..	W. H. Parry, Esq.	5	1	3	630	1678	66·08	..	..
d Fishguard (Langton, Dwrbach)	J. C. Yorke, Esq.	5	1	0	320	1248	49·13	227	177
CARDIGAN. (Area, 688 sq. mi.).									
1.—DOVEY. 20 sq. mi.									
2.—YSTWYTH & C. 347 sq. mi.									
d Ysptyty-Ystwyth (Hafod)....	T. J. Waddingham, Esq. .	5	1	0	580	1530	60·24	245	206
Capel Bangor (Penllwyn).....	W. E. Whitehouse, Esq....	5	1	0	145	1034	40·70	..	..
Ponterwyd	W. E. Whitehouse, Esq....	5	1	0	767	1292	50·88	..	..
Aberystwyth (Castle Grounds) .	Dr. A. Thomas.....	8	2	0	59	974	38·34	207	157
d Aberystwyth (North Parade) ..	Dr. A. Thomas	8	2	6	18	999	39·34	207	157
d Aberystwyth (Gogerddan)	Mr. F. J. Reeves.....	5	1	1	83	1397	55·00	..	149
3.—TEIFI. 260 sq. mi.									
d Cardigan (County School).....	Dr. D. Rees.....	5	1	6	72	1179	46·41	211	172
d Lampeter (Falcondale).....	Mr. W. Taylor	5	1	0	498	1424	56·08	223	195
Ysptyty-Ystwyth (Dolgroes)...	Mr. R. Roberts.....	5	1	0	780	1646	64·80	..	..
4.—TOWY. 48 sq. mi.									
d Abergwesyn (Nantneuadd)	Mr. W. Roberts	5	1	0	1290	2026	79·77	191	187
m Tregaron (Maes-y-bettws)	The Meteorological Office.	5	1	0	910	2052	80·80	..	..
5.—WYE. 15 sq. mi.									
m Birmingham W.W. (Llyn Gynon)	F. W. Macaulay, Esq., C.E.	5	1	0	1500	2042	80·39	..	..
m Birmingham W.W. (Bwlchyrhendre)	F. W. Macaulay, Esq., C.E.	5	1	0	1585	1985	78·13	..	..
m Birmingham W.W. (Claerddu) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1470	2071	81·52	..	..
m Birmingham W.W. (Gwngu)	F. W. Macaulay, Esq., C.E.	5	1	0	1490	1864	73·39	..	..
d Birmingham W.W. (Abergwngu) .	F. W. Macaulay, Esq., C.E.	5	1	0	1150	1960	77·15	..	202
m Plynlimon	The Meteorological Office.	5	1	0	1630	1425	56·10	..	..

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
BRECON. (Area, 733 sq. mi.).		in.	ft.	in.	ft.	mm.	in		
1.—TOWY. 17 sq. mi.									
2.—TAFE. 41 sq. mi.									
Ystradgynlais (Ynyscedwyn Ho.)	G. Coleman, Esq., C.E.	5	0	9	232	1811	71·28	216	184
Swansea W.W. (Nantyrwydd) No. 2	G. R. Collinson, Esq., C.E.	5	0	10	909	2367	93·17	233	214
3.—NEATH. 43 sq. mi.									
Glyn Neath (P. Neath Vaughan)	Messrs. Curtis & Harvey, Ltd.	5	1	5	297	1591	62·63	214	175
Ystradfellte Reservoir	D. M. Davies, Esq., C.E.	5	1	0	1147	2372	93·39	236	206
4.—TAFF. 48 sq. mi.									
Aberdare (Nanthir Reservoir)	O. Williams, Esq., C.E.	5	1	0	860	1770	69·68	237	188
Taff Fechan (Pontsticill) No. 12	T. F. Harvey, Esq., C.E.	5	1	0	1031	1761	69·33	223	188
Taff Fechan (Pontsticill West)	T. F. Harvey, Esq., C.E.	5	1	0	1254	1535	60·45	..	..
Cardiff W.W. (Llwynon Res.)	C. H. Priestley, Esq., C.E.	5	1	0	854	1681	66·18	222	186
Cardiff W.W. (Troedyrhiw)	C. H. Priestley, Esq., C.E.	5	1	0	860	1860	73·23	..	..
Cardiff W.W. (Pont-ar-daf)	C. H. Priestley, Esq., C.E.	5	1	0	850	1669	65·70	223	186
Cardiff W.W. (Garw-nant)	C. H. Priestley, Esq., C.E.	5	1	0	1100	1964	77·31	..	..
Cardiff W.W. (Nant-Gwineu)	C. H. Priestley, Esq., C.E.	5	1	0	1275	1762	69·37	..	..
Cardiff W.W. (Nant-y-gou-garn)	C. H. Priestley, Esq., C.E.	5	1	0	..	1985	78·17	..	..
Taff Fechan (Pentwyn Res.)	T. F. Harvey, Esq., C.E.	5	1	0	1120	2048	80·62	254	196
Cardiff W.W. (Nant Goch)	C. H. Priestley, Esq., C.E.	5	1	0	..	1914	75·37	..	..
Cardiff W.W. (Nant Ddu)	C. H. Priestley, Esq., C.E.	5	1	0	1560	2107	82·96	..	..
Cardiff W.W. (Storey Arms) No. 4	C. H. Priestley, Esq., C.E.	5	1	0	1430	2143	84·36	..	..
Cardiff W.W. (Tyle Brith) No. 1	C. H. Priestley, Esq., C.E.	5	1	0	2350	2185	86·03	..	..
Cardiff W.W. (Cantref R.) No. 2	C. H. Priestley, Esq., C.E.	5	1	0	1120	2052	80·78	234	196
Torpantau Station	Newport Corporation	5	1	0	1316	1406	55·35	199	183
Cardiff W.W. (Beacons Res.) No. 6	C. H. Priestley, Esq., C.E.	5	1	0	1340	2397	94·35	241	203
Cardiff W.W. (Nant Penig) No. 3	C. H. Priestley, Esq., C.E.	5	1	0	2000	2721	107·12	..	..
Taff Fechan (Neuadd Rs.) No. 1	T. F. Harvey, Esq., C.E.	5	1	0	1462	2101	82·70	251	205
Taff Fechan (Neuadd Rs.) No. 4	T. F. Harvey, Esq., C.E.	5	1	0	1487	2354	92·66	251	210
Taff Fechan (Neuadd Rs.) No. 11	T. F. Harvey, Esq., C.E.	5	1	0	1524	1938	76·31	251	198
Taff Fechan (Neuadd Rs.) No. 2	T. F. Harvey, Esq., C.E.	5	1	0	1993	1943	76·51	..	..
Taff Fechan (Neuadd Rs.) No. 5	T. F. Harvey, Esq., C.E.	5	1	0	1515	2596	102·21	..	..
Taff Fechan (Neuadd Rs.) No. 10	T. F. Harvey, Esq., C.E.	5	1	0	1700	2085	82·07	..	..
Taff Fechan (Neuadd Rs.) No. 3	T. F. Harvey, Esq., C.E.	5	1	0	1843	2138	84·16	..	..
Taff Fechan (Neuadd Rs.) No. 7	T. F. Harvey, Esq., C.E.	5	1	0	2017	2449	96·43	..	..
Taff Fechan (Neuadd Rs.) No. 8	T. F. Harvey, Esq., C.E.	5	1	0	1723	2441	96·12	..	..
Taff Fechan (Neuadd Rs.) No. 9	T. F. Harvey, Esq., C.E.	5	1	0	1997	1665	65·54	..	..
Taff Fechan (Neuadd Rs.) No. 6	T. F. Harvey, Esq., C.E.	5	1	0	2099	2693	106·04	..	..
5.—RHYMNEY. 2 sq. mi.									
6.—EBBW. 7 sq. mi.									
Ebbw Vale W.W. (Llangunider) 1	P. I. Davies, Esq., C.E.	5	1	0	1413	1736	68·36	204	187
Ebbw V.W.W. (Llangunider) W3	P. I. Davies, Esq., C.E.	5	1	0	1468	2089	82·23	204	197
Ebbw V.W.W. (Llang'nd'r) NW2	P. I. Davies, Esq., C.E.	5	1	0	1471	2029	79·89	204	196
Ebbw Vale W.W. (Carno, S.)	P. I. Davies, Esq., C.E.	5	1	0	1236	1960	77·15	208	191
Ebbw Vale W.W. (Carno, E.)	P. I. Davies, Esq., C.E.	5	1	0	1391	1859	73·18	206	181
Ebbw Vale W.W. (Carno, W.)	P. I. Davies, Esq., C.E.	5	1	0	1412	1953	76·88	208	190
Ebbw Vale W.W. (Carno, N.)	P. I. Davies, Esq., C.E.	5	1	0	1533	1854	72·98	205	185
7.—USK. 299 sq. mi.									
Torpantau (Darenfawr)	Newport Corporation	5	1	0	1172	2185	86·03	..	..
Torpantau (Ynysposte)	Newport Corporation	5	1	0	741	2010	79·14	..	..
Torpantau (Blaen-caer-fanell)	Newport Corporation	5	1	0	1584	2340	92·11	..	..
Talybont (Pentir-rhiw)	Newport Corporation	5	1	0	587	1782	70·14	212	182
Talybont (Pwll Ifor)	Newport Corporation	5	1	0	1224	1996	78·58	..	..
Crickhowell Rectory	Rev. G. Roberts	5	1	0	320	1328	52·28	..	156
Crickhowell (Gwernvale)	E. Pirie Gordon, Esq.	5	1	0	393	1393	54·85	214	168
Crickhowell (Glanusk Park)	Major The Hon. W. R. Bailey	5	1	0	290	1482	58·35	197	176
Swansea W.W. (Cray Rs.) No. 2	Major F. Hibbot	5	1	0	1020	2601	102·38	..	..
Swansea W.W. (Cray Rs.) No. 1 (+A)	Major F. Hibbot	5	1	0	1044	2181	85·88	244	205
Cray Station	Mr. J. Jones	5	1	0	930	1960	77·17	..	..

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.				
BRECON—(con.).		in.	ft.	in.	ft.			
7.—USK—(con.).								
M Talybont (Cwy Parc)	Col. H. R. Jones-Williams .	5	1	6	480	1555	61·20	..
D Llanfrynach (Ty-mawr)	Miss D. de Winton	5	1	0	450	1381	54·39	205
M Crickhowell (Cwmdy Rectory)	Rev. W. A. Davies	5	1	0	430	1201	47·30	..
M Crickhowell (Tal-y-maes)	The Meteorological Office .	5	1	0	1250	1759	69·25	..
D Trecastle (Blaenau-hydfwr)	The Meteorological Office .	5	1	0	1070	2223	87·52	..
D Brecon (Tairbull School)	I. L. Price, Esq.	5	1	0	660	1662	65·43	210
Brecon (Ffrwdgrech)	Capt. J. D. D. Evans	8	1	1	570	1503	59·17	201
D Black Mountains (Blaen-y-cwm)	J. F. Jupp, Esq., C.E.	5	1	0	1423	1802	70·94	222
D Black Mountains (Blaen-y-cwm)	J. F. Jupp, Esq., C.E.	5	1	0	1289	1690	66·55	216
Black Mountains (Waun Fach)	J. F. Jupp, Esq., C.E.	5	1	0	2650	1687	66·41	..
Black Mts. (Cwm Grigys Uchaf)	J. F. Jupp, Esq., C.E.	5	1	0	1980	1719	67·66	..
D Black M. (Dam Site Grwyne Fawr)	J. F. Jupp, Esq., C.E.	5	1	0	1620	1836	72·27	227
D Black Mountains (AberClyd) (+A)	J. F. Jupp, Esq., C.E.	5	1	0	1880	1598	62·90	222
Black Mts. (Pen-y-Manllwyn)	J. F. Jupp, Esq., C.E.	5	1	0	2512	1596	62·82	..
Black Mts. (Taren-yr-Esgob)	J. F. Jupp, Esq., C.E.	5	1	0	2039	1587	62·48	..
Black Mts. (Twyn Tal-y-Cefn)	J. F. Jupp, Esq., C.E.	5	1	0	2130	1564	61·58	..
Black Mts. (Blaeu Grwyne Fawr)	J. F. Jupp, Esq., C.E.	5	1	0	2150	1540	60·62	..
M Upper Chapel (Tymawr)	Mrs. Probert	5	1	0	945	1562	61·50	..
8.—WYE. 271 sq. mi.								
D Cathedine Rectory	The Meteorological Office .	5	1	6	650	1007	39·66	182
D Talgarth (Dan-y-garth)	F. Morgan, Esq.	5	4	0	404	981	38·63	..
D Talgarth (Pontiwal Sanatorium)	Dr. H. E. Watson	5	1	0	500	1146	45·12	217
D Llanwrtyd Wells (Brynonen)	Rhys D. Jones, Esq.	5	1	0	702	1746	68·73	243
D Builth Wells (Tyn-y-berllan)	Dr. W. Black Jones	5	1	0	425	1144	45·05	209
M Abergwesyn (Trallwn)	The Meteorological Office .	5	1	0	1000	2692	105·97	..
M Newbridge (Pengraig)	The Meteorological Office .	5	1	0	960	1935	76·20	..
D Newbridge (Llysdinam)	Col. C. Venables Llewelyn .	5	1	3	646	1333	52·50	228
M Birm'gh'm W.W. (Cors-yr-hwch)	F. W. Macaulay, Esq., C.E. .	5	1	0	1775	2768	108·96	..
M Birm'gh'm W.W. (Esgair Ceiliog)	F. W. Macaulay, Esq., C.E. .	5	1	0	1560	2409	94·84	..
M Birm'gh'm W.W. (Llyn-Carw)	F. W. Macaulay, Esq., C.E. .	5	1	0	1775	2449	96·41	..
M Birm'gh'm W.W. (Nant-y-car)	F. W. Macaulay, Esq., C.E. .	5	1	0	1545	2349	92·49	..
M Birm'gh'm W.W. (Tyn-y-pant)	F. W. Macaulay, Esq., C.E. .	5	1	0	1320	1764	69·45	..
M Birm'gh'm W.W. (Esgair Garthen)	F. W. Macaulay, Esq., C.E. .	5	1	0	1590	2287	90·05	..
D Birm'gh'm W.W. (Elan Village)	F. W. Macaulay, Esq., C.E. .	5	1	0	700	1582	62·30	216
RADNOR. (Area, 474 sq. mi.).								
1.—WYE. 424 sq. mi.								
D Glasbury-on-Wye (Hampton Sc.)	Rev. D. C. Lloyd	5	1	0	274	1046	41·19	191
D Builth (Cefndyrys)	Capt. E. A. Thomas	5	1	0	740	1430	56·30	200
Builth Rd. (St. John's Vicarage)	Rev. Canon J. L. Bryans . .	5	1	0	550	1343	52·86	223
D New Radnor (Harpton Cir. Gns)	Mr. C. W. Bowen	5	0	9	700	1311	51·63	..
New Radnor	John Langston, Esq.	5	1	4	720	1368	53·86	216
D Llandrindod Wells (Kimberley)	W. B. de Winton, Esq. C.I.E. .	5	1	0	699	1220	48·04	223
D Presteign (St. Davids)	Dr. N. Y. Lower	5	1	0	500	1113	43·81	219
D Presteign (Norton Manor Gdns.)	Mr. J. Tipton	5	0	9	620	1202	47·34	..
D Birmingham WW (Tyrmynydd)	F. W. Macaulay, Esq., C.E. .	5	1	0	832	1717	67·62	219
D Birmingham W W (Nantgwilt)	F. W. Macaulay, Esq., C.E. .	5	1	0	845	1831	72·08	221
M Birmingham W. W. (Dwfnant)	F. W. Macaulay, Esq., C.E. .	5	1	0	1050	2025	79·74	..
M Birm'gham WW (Esgair Gader)	2F. W. Macaulay, Esq., C.E. .	5	1	0	1500	2072	81·58	..
M Birmingham W.W. (Tynlidiart)	F. W. Macaulay, Esq., C.E. .	5	1	0	1006	1867	73·49	..
D Birmingham W.W. (Claerwen)	F. W. Macaulay, Esq., C.E. .	5	1	0	1250	2040	80·30	..
D Birmingham W.W. (Tynant)	F. W. Macaulay, Esq., C.E. .	5	1	0	1020	1860	73·22	223
Rhayader (East Street)	F. W. Macaulay, Esq., C.E. .	5	1	0	700	1607	63·28	..
D Rhayader (Penralley)	E. D. Prothero, Esq.	5	1	0	758	1425	56·11	222
M Bir'gham WW (Cerriglwydyon)	F. W. Macaulay, Esq., C.E. .	5	1	0	1710	2060	81·12	..
M Birm'gham WW (Pen-y-gareg)	1F. W. Macaulay, Esq., C.E. .	5	1	0	1500	1681	66·18	..
M Birm'gham WW (Pen-y-gareg)	2F. W. Macaulay, Esq., C.E. .	5	1	0	1540	1738	68·41	..
M Birmingham W.W. (Calettwr)	F. W. Macaulay, Esq., C.E. .	5	1	0	1490	2245	88·40	..
M Birmingham W.W. (Figin) No. 2F. W.	Macaulay, Esq., C.E. .	5	1	0	1700	2311	90·97	..
M Birmingham WW (Aberhenllan)	F. W. Macaulay, Esq., C.E. .	5	1	0	1070	1886	74·26	..
M Llanbister (Llananno)	The Meteorological Office .	5	1	0	900	1443	56·80	..

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.				
RADNOR—(con.).		in.	ft.	in.	ft.	mm.	in.	
2.—SEVERN—Right Bank Tributaries. 50 sq. mi.								
Knighton (Upper Woodhouse) ..	S. Wilson, Esq.	5	1	0	850	1236	48·67	.. ..
MONTGOMERY. (Area, 797 sq. mi.).								
1.—DOVEY. 120 sq. mi.								
d Machynlleth (The Plas)	Mr. A. Gribble	5	1	0	41	1667	65·51	231 205
2.—YSTWYTH. 7 sq. mi.								
3.—WYE. 37 sq. mi.								
d Llangurig (Dernol)	The Meteorological Office..	5	1	0	870	1462	57·57	224 206
4.—SEVERN—Right Bank Tributaries. 154 sq. mi.								
d Llandinam (Plas Dinam)	Mr. D. Bowen	5	3	0	503	1095	43·13	186 170
d Dolfor (Gilfach)	S. Wilson, Esq.	5	1	0	1050	1261	49·63	.. ..
Bishops Castle (Bishops Moat) ..	S. Wilson, Esq.	5	1	0	1130	1119	44·04	.. ..
d Newtown (Penarth Weir)	H. C. Jones, Esq., C.E. ...	8	1	0	321	1055	41·54	182 149
d Montgomery (Oakfield)	Dr. R. E. Game Phillips ..	5	1	0	450	1001	39·42	200 162
d Welshpool (Edderton Hall) ...	Miss A. M. Howell Evans ..	5	1	0	500	925	36·41	208 152
5.—SEVERN—Left Bank Tributaries. 479 sq. mi.								
Carno (Council School)	S. Wilson, Esq.	5	1	0	600	1422	55·97	.. ..
Berriew (Brithdir Hall)	F. E. Marston, Esq.	5	2	0	350	999	39·35	185 147
d Welshpool (County School)	John Ward, Esq.	5	1	0	263	918	36·12	168 145
Welshpool (Fron Llwyd)	Major G. B. D. Harrison..	5	1	3	500	1112	43·79	218 168
d Garthbibio (Bwlch Tomlyd) ...	The Meteorological Office..	5	1	0	1200	2377	93·60	.. ..
d Llandysilio Rectory	Rev. H. G. Dickinson	5	1	0	225	871	34·31	179 143
d Lake Vyrnwy	E. J. Bradley, Esq.	5	0	7	770	1774	69·86	194 183
Lake Vyrnwy (Bryn Gwyn) ...	J. R. Davidson, Esq., C.E. 8	1	0	1311	1700	66·93	.. ..
d Lake Vyrnwy (Bank Cynon Isaf) ..	J. R. Davidson, Esq., C.E. 8	1	0	750	1626	64·00	222 180	
Lake Vyrnwy (Ty Uchaf)	J. R. Davidson, Esq., C.E. 8	1	0	860	1617	63·64	.. ..
Lake Vyrnwy (Heol-y-ffridd) 1. ..	J. R. Davidson, Esq., C.E. 8	1	0	913	2064	81·27	.. ..
Lake Vyrnwy (Heol-y-ffridd) 2. ..	J. R. Davidson, Esq., C.E. 8	1	0	830	2000	78·74	.. ..
Lake Vyrnwy (Tyn-y-ffridd) ..	J. R. Davidson, Esq., C.E. 8	1	0	1010	1588	62·53	.. ..
Lake Vyrnwy (Lluestwen)	J. R. Davidson, Esq., C.E. 8	1	0	1667	2055	80·91	.. ..
Lake Vyrnwy (Llwynrhiw)	J. R. Davidson, Esq., C.E. 8	1	0	1428	2369	93·26	.. ..
Lake Vyrnwy (Craig-y-Gribbin) ..	J. R. Davidson, Esq., C.E. 8	1	0	1422	1875	73·83	.. ..
Lake Vyrnwy (Eunant Bridge) ..	J. R. Davidson, Esq., C.E. 8	1	0	830	2265	89·18	.. ..
Lake Vyrnwy (Carreg Goch) ..	J. R. Davidson, Esq., C.E. 8	1	0	1750	1960	77·16	.. ..
Lake Vyrnwy (Fawnog)	J. R. Davidson, Esq., C.E. 8	1	0	1315	1627	64·06	.. ..
FLINT. (Area, 256 sq. mi.).								
1.—DEE. 198 sq. mi.								
d Hanmer (Gredington)	Lord Kenyon, K.C.V.O.	5	0	10	300	976	38·44	197 155
d Overton (Fairleigh)	Dr. B. J. E. Wright	5	1	8	220	870	34·25	199 145
Buckley	W. Simmons, Esq.	5	1	0	553	792	31·19	.. ..
d Hawarden (County School)	A. Lyon, Esq.	5	0	11	260	800	31·51	198 145
Northop (Soughton Hall)	Lord Justice Bankes	5	1	0	418	847	33·35	172 147
Cilcain (Cilcen Hall)	W. B. Yates, Esq.	5	0	7	700	875	34·45	195 159
d Hawarden Bridge	R. Hawkshaw, Esq.	8	1	3	22	827	32·56	195 152
d Sealand* Aerodrome (+A)	The Meteorological Office..	5	1	0	19	791	31·13	185 139
d Mostyn Vicarage	Rev. W. Vaughan-Jones ..	5	1	0	100	868	34·16	218 162
2.—CLWYD. 51 sq. mi.								
Bodfari (Nantlys)	D. F. Pennant, Esq.	5	1	4	178	762	29·99	190 141
d Bodfari (Cae Gwyn)	Mrs. Morgan	5	1	0	542	768	30·25	218 163
d St. Asaph (Bryn Asaph)	Mrs. R. E. Birch	5	0	8	100	749	29·49	171 140
Dyserth Castle	J. B. Price, Esq.	5	0	6	350	775	30·51	.. ..
d Rhyl (Sewage Works)	A. A. Goodall, Esq.	8	1	0	31	746	29·38	206 139
3.—SEVERN—Left Bank Tributaries. 7 sq. mi.								

* Formerly called Shotwick.

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
DENBIGH. (Area, 668 sq. mi.).		in.	ft.	in.	ft.	mm.	in.		
1.—DEE. 270 sq. mi.									
Glynceiriog (Plas Nantyr)	C. B. C. Storey, Esq.	5	1	0	1450	1636	64·40	..	..
d Chirk Castle Gardens	Lord Howard de Walden	5	1	2	630	1112	43·77	186	155
d Ruabon (Trevor Hall)	E. Lloyd Edwards, Esq.	5	1	0	500	1029	40·52	175	160
Wrexham (Ty Mawr Reservoir)	F. Storr, Esq., C.E.	5	0	9	805	997	39·26	181	138
Wrexham (Pack Saddle Res.)	F. Storr, Esq., C.E.	5	0	9	370	989	38·93	201	162
Wrexham (Cae Llwyd Res.)	F. Storr, Esq., C.E.	8	0	9	918	1093	43·03	181	148
Wrexham (Cae Llwyd Res.)	F. Storr, Esq., C.E.	5	0	9	918	997	39·25	181	139
d Wrexham (Plas Power Coll.)	W. W. Potts, Esq.	5	22	0	517	823	32·39	176	140
d Brymbo (Pentre Broughton Sch)	D. E. Rees, Esq.	5	1	0	680	830	32·68	..	..
d R. Alwen (Hafod-llan-isaf) No.1	R. F. Baker, Esq., C.E.	5	1	0	1215	834	32·84	228	175
d R. Alwen (Hafod-llan-isaf) No.2	R. F. Baker, Esq., C.E.	5	1	0	1172	1132	44·55	228	189
d R. Alwen (Hafod-llan-isaf) No.3	R. F. Baker, Esq., C.E.	5	1	0	1169	1119	44·05	228	183
Pentre Voelas (Nant Heilyn)	R. F. Baker, Esq., C.E.	5	1	0	1225	1353	53·25	..	..
d R. Brenig (Hafod-yr-Onen)	R. F. Baker, Esq., C.E.	5	1	0	1175	1122	44·18	215	190
M Nantglyn (Pant-y-maen)	R. F. Baker, Esq., C.E.	8	1	0	1320	1430	56·30	..	..
M Llyn Bran	R. F. Baker, Esq., C.E.	8	1	0	1428	1525	60·02	..	..
2.—CLWYD & C. 267 sq. mi.									
Pentre Celyn Council School	John W. Jones, Esq.	5	1	0	330	883	34·76	191	152
d Gyffylliog (Fachlwyd Hall)	Eliott S. Currey, Esq.	5	1	0	640	1011	39·81	215	176
Ruthin (Bodangharad)	F. S. Smith, Esq.	5	0	11	635	850	33·48	204	164
d Llangynhafal (Plâs Drâw)	Major R. Bromhead	5	1	0	419	842	33·16	217	164
Gwytherin Council School	D. Jones, Esq.	5	1	1	730	1299	51·14	198	170
d Denbigh (Mental Hospital)	W. Barker, Esq.	5	1	0	316	879	34·59	192	159
d Denbigh (Garn)	W. D. W. Griffith, Esq.	5	1	0	447	946	37·25	224	166
Trefnant (Trinity School)	F. Rees, Esq.	5	1	6	240	841	33·11	..	..
M Llanefydd (Rhyl W.W., S.)	L. G. Hall, Esq., C.E.	5	1	0	600	928	36·54	..	..
M Llanefydd (Rhyl W.W., W.)	L. G. Hall, Esq., C.E.	5	1	0	580	792	31·17	..	..
d Llanefydd (Plas Uchaf Res.)	L. G. Hall, Esq., C.E.	5	1	0	485	808	31·82	219	155
d Llanefydd (Glascoed Res.)	L. G. Hall, Esq., C.E.	5	1	0	360	785	30·90	217	157
St. Asaph (Wygfair)	(R) Col. H. R. L. Howard, D.S.O.	8	2	6	250	797	31·36	..	..
Abergele (Sea Road)	Sydney Wilson, Esq.	5	1	0	30	782	30·80	..	..
d Colwyn Bay (Council Offices)	W. J. Dunning, Esq., C.E.	5	1	0	81	943	37·13	178	152
3.—CONWAY. 84 sq. mi.									
d Pentre Foelas (Voelas Hall)	Mr. T. Dickie	5	1	3	640	1463	57·61	218	190
d Bettws-y-Coed (Rhydycrena)	Mrs. G. Bovill	5	1	0	50	1465	57·69	212	178
4.—SEVERN—Left Bank Tributaries. 47 sq. mi.									
Llanrhaiadr-yn-Mochnant	David F. Jones, Esq.	5	1	0	400	1271	50·04	223	165
d Llansilin (Penygwely Res.)	G. W. Lacey, Esq., C.E.	5	1	0	1094	1191	46·89	212	179
MERIONETH. (Area, 661 sq. mi.).									
1.—DEE. 218 sq. mi.									
Bala (Eryl Aran)	Mrs. Burton	8	1	0	600	1732	68·19	221	193
Llanderfel (Palé Gardens)	Mr. E. J. Edwards	8	1	0	606	1539	60·57	203	184
Corwen (Rûg Gardens)	J. S. Roberts, Esq.	8	1	2	500	1089	42·89	210	174
2.—CLWYD. 7 sq. mi.									
3.—GLASLYN. 92 sq. mi.									
Penrhyndeudraeth (Hafod Caemaen)	G. H. C. Haigh, Esq.	5	1	0	100	1563	61·55	255	202
d Tan-y-bwlch (The Gardens)	Mr. J. Roberts	5	1	0	50	1901	74·85	237	207
Tan-y-bwlch (Dol-y-Moch)	Mrs. Howland Jackson	5	0	6	55	1874	73·77	230	204
d Festiniog (Hafod Fawr)	Office of Woods	8	1	0	900	2097	82·57	230	221
d Blaenau Festiniog (Oakley Q.)	R. H. Jones, Esq.	5	1	0	1100	2963	116·65	..	..
d Blaenau Festiniog (Llechwedd Q.)	Messrs. J. W. Greaves & Sons	5	1	0	700	3034	119·45	255	224

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam. in.	Height ft.	above Sea Level. in. ft.	1924 mm. in.			
MERIONETH—(con.).								
4.—MAWDDACH & C. 262 sq. mi.								
d Towyn (Ynys-y-Maengwyn) ... Roger Corbett, Esq.	5	1	0	14	1319	51·91	217	192
d Towyn (Bronffynnon) Dr. T. Henry Jones.....	5	1	0	180	1280	50·39	222	178
d Towyn (Peniarth)..... Mrs. Wynne	8	1	0	25	1511	59·48	231	202
d Tal-y-llyn Rectory Rev. J. Pryce Jones.....	5	1	0	270	2085	82·10	214	199
d Dolgelly (Dol'rhyd) Col. P. H. Enthoven, D.L.	5	0	9	100	1640	64·56	240	194
d Dolgelly (Bryntirion) E. P. Beale, Esq.	5	0	10	50	1753	69·01	246	210
d Trawsfynydd Camp..... E. Jones, Esq.....	5	1	0	800	2009	79·09	211	203
5.—DOVEY. 82 sq. mi.								
Pennal (Talgarth Hall) Mrs. F. Gott.....	5	0	5	125	1767	69·56	201	..
Dinas Mawddwy (Dol. Hall) ... Sydney Wilson, Esq.	5	1	0	250	1909	75·17	..	..
6.—SEVERN—Left Bank Tributaries.								
CARNARVON. (Area, 572 sq. mi.).								
1.—BARDSEY ISLAND.								
2.—CONWAY & C. 146 sq. mi.								
m Lake Cowlyd (Llethyr Gwyn) cC. F. Farrington, Esq., C.E.	5	1	0	1700	2433	95·78	..	..
m Lake Colwyd (Gors-y-Llithrig) dC. F. Farrington, Esq., C.E.	5	1	0	1900	2174	85·58	..	..
m Lake Cowlyd (Ffrith Fawr) ... bC. F. Farrington, Esq., C.E.	5	1	0	1700	2155	84·86	..	..
L. Cowlyd (Ffrith Carreg Wen) AC. F. Farrington, Esq., C.E.	5	1	0	1168	2331	91·79	..	..
Trefriw Wells..... C. P. Adamson, Esq.	5	1	0	25	1437	56·59	185	154
d Lake Eigiau (Dam Site) .. (+A) H. J. Jack, Esq.	5	1	5	1245	2075	81·71	228	198
w Llanbedr-y-Cennin (Plasdulyn) W. T. Ward, Esq., C.E....	8	1	0	509	1455	57·29	..	..
w Llanbedr-y-Cennin (Llyndulyn) W. T. Ward, Esq., C.E....	8	1	6	1632	1676	65·99	..	..
d Conway (Castle Bank) R. W. Dodgson, Esq., M.D.	5	1	0	50	864	34·00	..	..
Deganwy (Y Berlfa) (R) Willoughby Gardner, Esq..	5	1	0	35	851	33·49	..	..
d Llandudno (Glanwydden School) Thomas Roberts, Esq.	5	1	10	28	889	35·02	199	152
d Llandudno W. Little, Esq.	5	1	0	22	772	30·39	203	135
3.—MENAI STRAITS. 221 sq. mi.								
d Madryn Castle (Farm School) .. J. Hines, Esq.	5	1	0	285	1193	46·96	228	183
d Edeyrn (Cefn Amwlch) Mr. O. Owen	5	1	6	..	1119	44·04	..	..
d Pen-y-groes (Nebo School) Elias Thomas, Esq.	5	1	0	700	2701	106·32	249	218
Nantlle (Dorothea Quarries) .. W. J. Griffith, Esq.	8	60	0	360	1999	78·70	..	..
Llandwrog (Glynllivon Park) .. Hon. F. G. Wynn	5	1	0	100	1353	53·25	..	..
Llandwrog (Glynllivon Nursery) Hon. F. G. Wynn	5	1	0	200	1506	59·29	..	..
Llandwrog (Glynllivon Garden) Hon. F. G. Wynn	5	1	0	100	1447	56·99	..	..
Llandwrog (Glynllivon Fort) ... Hon. F. G. Wynn	5	1	0	200	1467	57·77	..	..
d Bettws Garmon Rev. T. C. V. Bastow	5	1	0	414	2015	79·32	228	189
Carnarvon (Belan Fort) Hon. F. G. Wynn	5	1	0	15	1090	42·90	..	..
Lake Ogwen R. Hughes, Esq.	5	1	0	1006	2861	112·62	..	..
d Llanbeblig (Cefn Rhos) Col. M. F. Preece.....	8	..	..	..	1311	51·62	235	179
Llanberis (Brynrefail School) .. Gwilym Jones, Esq.	5	1	2	360	1678	66·06	207	161
d Llanberis (Llandinorwig School) John Roberts, Esq.	5	1	0	850	1711	67·37	..	..
d Bethesda (St. Ann's Vicarage) .. Rev. W. Morgan	5	1	6	500	1694	66·71	253	190
d Bethesda (Penrhyn Quarries) .. W. D. Hobson, Esq.	8	1	0	528	1829	72·00	243	201
d Bangor (Penrhyn Castle Gdns.) .. Mr. J. Kneller.....	5	1	0	150	1127	44·38	228	176
d Bangor (Town Hall) J. Gill, Esq.	8	1	0	51	1223	48·13	207	179
d Aber (University Coll. Farm) .. Prof. R. G. White	5	1	0	100	1047	41·22	224	171
d Llanfairfechan Mr. W. Timmins	5	1	0	103	1003	39·48	217	158
d Penmaenmawr (Council Offices) R. J. Hughes, Esq.....	5	1	6	100	957	37·69	..	..
4.—ERCH & C. 155 sq. mi.								
d Abersoch Sir W. H. Winterbotham..	8	1	0	100	1298	51·11	221	185
Pwllheli (Bodfean Hall) Hon. F. G. Wynn	5	1	0	200	1321	52·01	..	..
Pwllheli (Bodfean Hall Gdns.) .. Hon. F. G. Wynn	5	1	0	200	1297	51·07	205	170

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
CARNARVON—(con.).		in.	ft.	in.	ft.	mm.	in.		
5.—GLASLYN. 50 sq. mi.									
D Portmadoc (Wern)	R. M. Greaves, Esq.	5	1	0	90	1585	62·40	234	203
Beddgelert (Co. School)	D. Jones, Esq.	5	1	2	133	2564	100·96	236	222
Snowdon (Wenallt)	No. 6 H. J. Jack, Esq.	5	1	2	1050	3893	153·27	..	..
D Snowdon (Cwm Dyli)	No. 11 H. J. Jack, Esq.	5	1	0	310	3308	130·24	244	228
Snowdon (Cwm Dyli, Old Rd.) ..	H. J. Jack, Esq.	5	0	10	325	3015	118·72	..	..
Snowdon (Llewedd)	No. 2 H. J. Jack, Esq.	5	1	3	1485	3987	156·97	..	..
M Snowdon (Delta)	No. 7 H. J. Jack, Esq.	5	1	0	1435	4754	187·15	..	..
M Snowdon (Glaslyn)	No. 3 H. J. Jack, Esq.	5	0	8	2050	4251	167·35	..	..
M Snowdon (Teyrn)	No. 1 H. J. Jack, Esq.	5	1	0	1080	4106	161·65	..	..
d Snowdon (Llydaw Intake) ..	10 H. J. Jack, Esq.	5	1	0	1480	4022	158·34	..	..
d Snowdon (L. Llydaw Copper M.)	9 H. J. Jack, Esq.	5	1	5	1480	4205	165·55	..	..
M Snowdon (Llyn Llydaw) ..	No. 5 H. J. Jack, Esq.	5	1	0	1470	3714	146·21	..	..
M Snowdon (Crib Goch) ..	No. 8 H. J. Jack, Esq.	5	1	3	2340	4823	189·90	..	..
ANGLESEY. (Area, 275 sq. mi.).									
D Llangadwaladr (Bodorgan)	Mr. W. Pilgrim	5	1	0	100	1195	47·03	230	175
Llanfaelog	H. S. Lowe, Esq.	5	1	0	50	1004	39·54	..	..
d Llangefni (Fronhenlog)	A. H. Withinshaw, Esq. ..	5	1	0	125	1095	43·10	..	158
Beaumaris (Fryars)	Mrs. Burton	10	2	0	20	1143	45·02	..	..
D Llangwilog (Trescawen)	Mrs. Pritchard-Rayner	5	1	0	239	1239	48·80	208	176
D Bodedern (Presaddfed)	Lt. Col. W. A. Fox-Pitt ..	5	1	0	200	1191	46·89	219	177
D Holyhead (Salt Island) ..	(+ A) The Meteorological Office ..	8	1	0	26	1050	41·36	213	161
D Llanerchymedd Llwydiarth Esb.	Miss Prichard	5	1	0	175	1133	44·62	222	181
D Penrthoslligwy School	T. Rowlands, Esq.	5	3	0	140	1009	39·71	186	159
D Lligwy	Lord Boston	5	1	0	170	1049	41·30	216	168
Amlwch (Dyffryn Adda)	Major T. Fanning Evans ..	5	1	2	178	1155	45·49	212	175
ISLE OF MAN. (Area, 227 sq. mi.).									
Castletown (Langness)	Board of Northern Lights ..	8	1	0	75	839	33·02?	171	150
Santon Vicarage	Rev. R. Jones	5	0	10	245	1222	48·11	213	..
D Douglas (Borough Cemetery) ..	H. A. Bridge, Esq.	8	1	0	284	1351	53·17	229	186
D Douglas (Clype Res., Onchan) ..	H. A. Bridge, Esq.	8	1	0	440	1369	53·90	228	182
Baldwin Reservoir	H. A. Bridge, Esq.	8	0	8	480	1632	64·26	239	185
Maughol Head	Board of Northern Lights ..	5	0	7	225	969	38·17?	164	150
D Ramsey (Town Hall)	G. W. Kewin, Esq.	8	15	0	18	1284	50·55	202	168
D Ramsey (North Promenade) ..	G. W. Kewin, Esq.	5	2	0	5	1266	49·83	217	174
CHANNEL ISLANDS. (Area, 76 sq. mi.).									
JERSEY. 45 sq. mi.									
D Pontac (St. Edmunds)	Dr. E. G. Barnes	5	1	6	30	710	27·95	175	129
D St. Brelade (La Sergenté)	J. E. Le Boutillier, Esq. ..	5	1	4	188	804	31·67	174	140
St. Aubins (Belle Vue)	C. J. Sumner, Esq.	5	1	4	220	802	31·56	195	142
D St. Saviours (Beauvoir)	Capt. G. T. Robin	5	0	10	200	788	31·01	173	136
D St. Lawrence (Little Grove) ..	R. E. B. Voisin, Esq.	5	1	0	60	840	33·07	189	142
D Millbrook (St. Helier W.W.) ..	A. J. Jenkins, Esq., C.E. ...	5	0	11	53	799	31·44	172	136
St. Ouen's Manor	R. Malet de Carteret, Esq. ..	5	2	6	270	846	33·30	177	146
d Trinity Rectory	Rev. S. T. Gruchy	5	2	6	375	876	34·48	221	138
GUERNSEY. 25 sq. mi.									
D St. Peter in the Wood (Hawthorns)	L. J. Nicolle, Esq.	5	1	0	100	723	28·48	184	151
D St. Martin's (Les Blanchés)	B. T. Rowsell, Esq.	5	1	0	310	908	35·75	203	154
D St. Martin's Rectory	Rev. R. Coulthard	5	1	0	311	906	35·67	203	155
D St. Martin's (Hautnez)	A. A. Allain, Esq., C.E. ...	5	0	8	336	893	35·15	204	153
D Fort Road (La Cotte)	Major S. Carey Curtis ..	5	1	0	285	877	34·51	195	145
D Villiaze	A. A. Allain, Esq., C.E. ...	5	0	6	302	925	36·42	193	153
D St. Andrew (Les Vauxbelets) ..	Rev. Bro. Lewis	5	1	0	200	812	31·98	180	149
D St. Peter Port (Grange Road) ..	H. Vere Miles, Esq.	5	1	0	174	959	37·75	199	149

DIVISION XI.—MONMOUTH, WALES, AND THE ISLANDS—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.					
CHANNEL ISLANDS—(con.).		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>mm.</i>	<i>in.</i>		
GUERNSEY—(con.).									
d St. Peter Port (Market Street)	B. T. Rowswell, Esq.	5	52	8	100	958	37·71	179	145
d Castel (King's Mills)	A. A. Allain Esq., C.E.	..	..	..	..	867	34·12	183	146
d Rohais (Colborne Villa)	T. Guilbert, Esq., C.E.	5	1	0	120	895	35·24	199	149
d Menheniot Vintries	Major H. Roper	5	1	0	97	961	37·84	176	152
d St. Sampsons (Lowlands)	Major J. Miles	5	on roof	..	..	740	29·12	181	136
d Fort Doyle (Platte Fougère)	Major J. Miles	..	on roof	..	..	613	24·12	..	128
SARK. 2 sq. mi.									
d Pointe Robert	B. T. Rowswell, Esq.	5	1	0	215	921	36·25	210	151
HERM. 1 sq. mi.									
Herm	Sir Percival Perry	5	1	3	8	766	30·16	161	134
ALDERNEY. 3 sq. mi.									
d St. Anne's Rectory	B. T. Rowswell, Esq.	5	1	0	205	885	34·86	178	147

SCOTLAND.

DIVISION XII.—SOUTHERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height		above Sea Level.				
		in.	ft.	in.	ft.	mm.	in.		
WIGTOWN. (Area, 488 sq. mi.).									
1.—LOCH RYAN. 46 sq. mi.									
Loch Ryan Lighthouse	Com'rs. of N. Lighths's. . .	5	1	6	10	840	33·06	..	..
2.—WESTERN GALLOWAY. 44 sq. mi.									
Mull of Galloway	Com'rs. of N. Lighths's. . .	7	3	10	245	763	30·04	..	..
d Logan House	K. McDouall, Esq.	8	1	0	80	1081	42·56	252	176
Killantringan Lighthouse	Com'rs. of N. Lighths's. . .	5	1	0	10	846	33·32	..	..
Corsewall	Com'rs. of N. Lighths's. . .	8	4	0	40	1166	45·90	208	192
3.—LUCE BAY. 186 sq. mi.									
d Port William (Monreith)	Major R. F. Brebner	5	0	5	145	1040	40·96	229	182
d Stoneykirk (Ardwell House) ...	Sir E. Orde Stewart, Bt. . .	8	3	0	65	1055	41·52	234	176
d Glenluce (Ladyburn)	Peter Taylor, Esq.	5	1	0	15	1161	45·70	235	199
New Luce (Public School)	Jerome Wallace, Esq.	5	1	1	180	1281	50·44	262	186
4.—CREE & WIGTOWN BAY. 212 sq. mi.									
d Whithorn (Physgill)	F. B. Hopkins, Esq.	5	1	0	170	992	39·07	226	176
d Whithorn (Glasserton)	Adm. Johnston Stewart, C.B. .	5	1	0	225	1056	41·57	227	162
d Kirkcowan (Craighlaw)	Major W. M. F. Hamilton . .	5	0	9	300	1360	53·55	226	205
KIRKCUDBRIGHT. (Area, 902 sq. mi.).									
1.—DOON. 16 sq. mi.									
2.—CREE & WIGTOWN BAY. 222 sq. mi.									
d Borgue (Knockbrex)	J. Douglas Brown, Esq. . .	5	1	0	10	1137	44·76	208	184
d Palnure (Bargaly)	Late Mrs. Colvin Stewart . .	8	3	5	60	1359	53·51	241	212
3.—DEE. 377 sq. mi.									
Little Ross Lighthouse	Com'rs. of N. Lighths's. . .	8	3	11	100	879	34·59?	..	..
d Mossdale (Hensol)	late R. J. Cuninghame, Esq. .	8	1	0	200	1489	58·61	245	196
New Galloway (Glenlee Park) ..	Mr. C. Jamieson	5	0	0	240	1471	57·93	..	198
d Dalry (Glendaroch)	Miss M. Barbour	5	0	11	192	1403	55·25	238	191
d Dalry (Garroch)	Arthur Young, Esq.	8	1	3	250	1499	59·03	221	202
d Dalry (Forrest Lodge)	Sir John Wood, Bart., M.P. .	5	1	0	500	1646	64·81	244	211
d Carsphairn (Shiel)	Mr. S. Wilson	5	1	0	850	1845	72·65	244	226
d Carsphairn (Knockgray)	Miss Clark Kennedy	8	1	0	641	1505	59·27	251	215
4.—URR & C. 196 sq. mi.									
Auchencairn (Torr House)	Thomas Ovens, Esq.	5	0	8	50	1368	53·86	..	..
d Dalbeattie (Southwick House) ..	Sir E. Orde Stewart, Bart. .	5	1	0	75	1216	47·86	222	180
d Dalbeattie (Kirkennan)	Wellwood Maxwell, Esq. . .	5	0	9	30	1295	50·98	214	181
d Dalbeattie (Drumstinchall) ..	Mrs. R. F. Hanbury	8	0	11	400	1323	52·08	222	188
Dalbeattie (Richorn Wood) ..	Miss E. McNae	5	1	0	54	1153	45·41	180	160
d Kirkpatrick Durham (Glenlair) ..	Mrs. Hannay	5	0	9	250	1373	54·07	204	177
5.—NITH & C. 91 sq. mi.									
d Dumfries (Cargen)	Col. R. F. Dudgeon	5	0	10	80	1239	48·80	232	177
Lochrutton (Dumfries W.W.) ..	J. Smellie, Esq.	5	1	0	273	1337	52·63	248	..
d Dumfries (Lincluden House) ..	Miss P. A. Young, M.B.E. .	5	1	0	60	1118	44·03	209	176
d Dumfries (Jardington)	J. Rutherford, Esq.	5	1	0	50	1136	44·72	231	185
DUMFRIES. (Area, 1074 sq. mi.).									
1.—CLYDE—Right Bank Tributaries. 5 sq. mi.									
2.—URR. 6 sq. mi.									
3.—NITH & C. 421 sq. mi.									
d Ruthwell (Comlongan Castle) ..	Earl of Mansfield	5	1	0	70	869	34·23	202	160
d Dumfries (Crichton Roy. Inst.) ..	C.C. Easterbrook, Esq., M.D. .	5	1	0	140	980	38·58	206	155
d Amisfield (Glenae)	H. Sharpe Gordon, Esq., OBE. .	5	0	11	300	1122	44·17	225	176
Moniaive (Glencrosh)	Miss Macmillan	5	1	1	400	1335	52·54	218	178
d Moniaive (Maxwelton House) ..	Sir Claude V. E. Laurie, Bt. .	5	1	3	400	1226	48·26	..	191
d Durrisdeer (Drumlanrig Gdns.) ..	Duke of Buccleuch, K.T. . .	5	0	9	191	1259	49·56	..	199

DIVISION XII.—SOUTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.				
DUMFRIES—(con.).		in.	ft.	in.	ft.	mm.	in.	
4.—ANNAN. 367 sq. mi.								
Dalton (Whitecroft)	W. Maitland-Heriot, Esq.	5	0	6	240	1179	46·40	226 178
D Dalton (Kirkwood)	Arthur J. Steel, Esq.	5	0	8	245	1377	54·20	238 180
Ecclefechan (Burnfoot)	Major H. C. Irving	5	0	11	160	1240	48·81	.. ..
D Lockerbie (Castle Milk)	David McIntosh, Esq.	5	1	6	199	1201	47·28	226 180
M Lockerbie (Thornbank)	W. Murdoch, Esq.	10	3	0	259	1077	42·40	.. ..
D Lochmaben (Esthwaite)	W. J. Halliday, Esq.	5	1	0	166	1162	45·75	243 182
5.—E8K. 275 sq. mi.								
M Canonbie (Byreburnfoot)	Mr. David Crabbe	3	0	9	160	1172	46·13	.. ..
D Canonbie (Irvine House)	J. H. Milne Home, Esq.	5	0	9	200	1319	51·92	232 190
D Langholm (Broomholm)	W. C. Everley Taylor, Esq.	5	1	0	266	1348	53·07	233 193
D Langholm (Drove Road)	Mrs. Jackson	5	0	9	270	1414	55·67	241 192
Langholm (Ewes, Sandyhaugh)	Mrs. Lyall	5	1	0	445	1397	55·00	.. ..
D Eskdalemuir Observatory (+A)	The Meteorological Office	8	1	4	794	1581	62·23	251 193
ROXBURGH. (Area, 666 sq. mi.)								
1.—NORTH TYNE. 6 sq. mi.								
2.—TWEED, LOWER—Right Bank Tributaries. 57 sq. mi.								
D Kelso (Lemplitlaw)	J. Stirling, Esq.	5	1	0	635	712	28·04	186 153
3.—TWEED—Teviot & c. 431 sq. mi.								
D Hawick (Wolfelee)	Capt. Paton	5	0	10	537	909	35·77	223 163
D Hawick (Branxholme)	J. G. Winning, Esq.	5	0	6	457	898	35·36	224 167
D Robertson Manse	Rev. A. E. McInnes	5	1	0	730	881	34·69	.. 162
D Denholm (Spital Tower)	T. G. Leadbetter, Esq.	5	0	9	410	786	30·93	222 148
D Jedburgh (Jedneuk)	T. Yool, Esq.	5	1	0	271	625	24·60	199 126
D Ancrum (Monteviot)	Bertram Talbot, Esq.	5	3	0	150	675	26·58	210 141
D St. Boswells (The Fens)	J. J. Fairbairn, Esq.	5	1	6	260	655	25·78	.. 123
St. Boswells (Monksford)	Lt.-Col. A. Mitchell	5	0	11	320	713	28·05	.. ..
Old Melrose Gardens	Mr. S. Brooker	5	1	0	200	705	27·75	.. ..
Kelso (Springwood Park)	Mr. W. Chaplin	5	1	0	130	608	23·93	193 125
4.—TWEED—Ettrick & c. 10 sq. mi.								
D Melrose (Asylum) gauge A	T. C. Mitchell, Esq.	5	0	6	480	798	31·43	202 148
D Melrose (Asylum) gauge B	T. C. Mitchell, Esq.	5	1	0	480	750	29·51	202 148
5.—TWEED—Gala. 6 sq. mi.								
6.—TWEED—Leader & c. 25 sq. mi.								
D Melrose (Drygrange)	A. T. Roberts, Esq.	5	1	0	360	666	26·22	206 140
7.—TWEED, LOWER—Left Bank Tributaries. 25 sq. mi.								
D Kelso (Broomlands)	J. C. Scott, Esq.	5	1	0	193	629	24·77	197 135
8.—E8K. 106 sq. mi.								

DIVISION XIII.—SOUTH-EASTERN COUNTIES.

SELKIRK. (Area, 268 sq. mi.)								
1.—TWEED—Teviot & c. 34 sq. mi.								
Selkirk (Whitmuir Hall)	Major A. G. Cowan	5	1	0	800	879	34·59	.. ..
2.—TWEED—Ettrick & c. 192 sq. mi.								
D Ettrick Manse	Rev. A. Horn	5	1	0	796	1486	58·52	242 190
M Edinburgh W.W. (Meggat Hd.) ..	1 Messrs. Leslie & Reid, C.E.	5	1	3	1496	1318	51·90	.. ..
Selkirk (Lindean Reservoir)	S. Pittillo, Esq.	5	1	0	900	810	31·90	.. ..

DIVISION XIII.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
SELKIRK—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—TWEED, UPPER—Right Bank Tributaries. 17 sq. mi.									
4.—TWEED, UPPER—Left Bank Tributaries. 19 sq. mi.									
D Caddonfoot (Fairnilee)	Alex. F. Roberts, Esq.	5	1	0	450	780	30·72	200	151
Galashiels (The Peel Clovenfords)	W. R. Ovens, Esq.	6	1	0	500	841	33·11	..	..
5.—TWEED—Gala. 6 sq. mi.									
Galashiels (Stantling Craigs)	Capt. F. H. Brown	12	1	3	800	924	36·39	..	..
PEEBLES. (Area, 348 sq. mi.)									
1.—TWEED, UPPER—Right Bank Tributaries. 127 sq. mi.									
M Edin. W.W. (Ravenscraig)	3 Messrs. Leslie & Reid, C.E.	5	1	3	2258	2338	92·05	..	..
M Edin. W.W. (Gameshope Loch)	4 Messrs. Leslie & Reid, C.E.	5	1	3	1860	2109	83·05	..	..
M Edin. W.W. (Loch Craig Head)	2 Messrs. Leslie & Reid, C.E.	5	1	0	2627	1857	73·11	..	..
Edin. W.W. (Gameshope Farm)	5 Messrs. Leslie & Reid, C.E.	5	1	3	1538	1669	65·71	..	..
M Edin. W.W. (Talla Linns Foot)	6 Messrs. Leslie & Reid, C.E.	8	1	3	966	1578	62·14	..	..
M Edin. W.W. (Quarter Hill) No. 7	Messrs. Leslie & Reid, C.E.	8	1	3	1196	1162	45·75	..	..
D Edin. W.W. (Victoria Lodge)	8 Messrs. Leslie & Reid, C.E.	5	1	3	900	1173	46·17	245	190
2.—TWEED, UPPER—Left Bank Tributaries. 192 sq. mi.									
Stobo Castle	Major J. Ainslie	5	1	0	594	813	32·02	232	162
D Dolphinton (Castlecraig)	James Mann, Esq.	5	0	10	820	850	33·46	240	184
D West Linton (Woodlea Cottage)	Messrs. Leslie & Reid, C.E.	5	1	0	801	789	31·05	251	179
D West Linton (Taieri)	W. Mackie, Esq.	5	1	0	769	896	35·27	287	188
3.—ESK. 23 sq. mi.									
D Eddlestone (Portmore Res.)	Messrs. Leslie & Reid, C.E.	11	1	0	1000	851	33·52	253	171
M Penicuik (N. Esk Reservoir)	Mr. W. Tod	11	0	6	1150	1120	44·10	..	..
4.—CLYDE—Right Bank Tributaries. 6 sq. mi.									
BERWICK. (Area, 457 sq. mi.)									
1.—TWEED—Gala. 6 sq. mi.									
2.—TWEED—Leader. 92 sq. mi.									
D Earlston (Cowdenknowes)	Mr. T. J. Fleming	5	1	2	300	747	29·39	193	145
M Lauder (Burncastle)	J. G. S. Turnbull, Esq.	5	1	0	900	772	30·38	..	..
M Earnsclough Burn (Blythe Rig)	J. G. S. Turnbull, Esq.	5	1	0	1200	935	36·80	..	..
3.—TWEED, LOWER—Left Bank Tributaries. 115 sq. mi.									
Coldstream (Lochton)	J. Aitchison, Esq.	5	1	0	151	673	26·49	..	..
D Coldstream (The Hirsell)	Mr. D. Black	5	1	4	130	638	25·13	182	127
D Swinton House <i>Snowdon</i> (+A)	Rev. A. E. Swinton	5	1	2	200	654	25·76	205	130
4.—TWEED—Whiteadder. 164 sq. mi.									
D Marchmont House	R. F. McEwen, Esq.	5	1	0	498	900	35·44	224	154
D Duns (Nisbet House Gdns.)	Mr. W. Cowieson	5	1	0	290	669	26·33	222	131
D Duns Castle	F. S. Hay, Esq.	5	1	0	500	754	29·69	224	131
D Duns (Manderston)	Mr. F. J. Marshall	5	1	6	356	770	30·33	..	145
West Fouliden	J. Hewat Craw, Esq.	5	1	0	250	629	24·76	..	..
5.—EAST COAST STREAMS. 80 sq. mi.									
St. Abb's Head	Com'rs. of N. Lighth's.	8	4	3	224	710	27·95	..	145
HADDINGTON. (Area, 267 sq. mi.)									
1.—TWEED—Leader. 1 sq. mi.									
2.—TWEED—Whiteadder. 35 sq. mi.									
3.—EAST COAST STREAMS. 69 sq. mi.									
Barnsness Lighthouse	Com'rs. of N. Lighth's.	5	1	2	7	554	21·82	..	..
D Dunbar (Belhaven Hill)	W. Ingham, Esq. . . . .	..	..	..	..	667	26·25	175	119

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.				
		in.	ft.	in.	ft.	mm.	in.	
HADDINGTON—(con.).								
4.—TYNE & C. 114 sq. mi.								
Lammermuir H. (West Hopes)	J. Ross, Esq., C.E.	5	2	0	750	971	38·25
Lammermuir H. (Stobshiell Res.)	A. J. Ross, Esq., C.E.	5	2	0	998	853	33·60
Lammermuir H. (Stobshiell Res.)	B. J. Ross, Esq., C.E.	5	2	0	950	952	37·48
Lammermuir H. (Lammerloch)	J. Ross, Esq., C.E.	5	1	0	900	854	33·61
Haddington (Public School)	A. Burnett, Esq.	5	1	0	170	643	25·30
Prestonkirk (Knowes)	J. Rattray, Esq.	5	1	0	78	727	28·63	185 134
Prestonkirk (Smeaton)	Sir A. Buchan-Hepburn	5	1	0	100	702	27·64	164 133
5.—FIRTH OF FORTH. 48 sq. mi.								
Dirleton	W. S. Curr, Esq.	5	1	6	149	554	21·81	172 ..
North Berwick Reservoir	A. Robertson, Esq., C.E.	5	1	6	150	706	27·80	172 132
North Berwick (Hospital)	A. Robertson, Esq., C.E.	5	1	0	153	682	26·84	179 118
6.—INSULAR.								
MIDLOTHIAN. (Area, 369 sq. mi.)								
1.—TWEED—Gala. 68 sq. mi.								
Stow (Cragdale)	J. Pringle, Esq.	5	0	6	642	794	31·27
2.—TYNE. 28 sq. mi.								
Oxenfoord Castle Gardens	Mr. A. C. Scott	5	1	2	452	698	27·49	197 154
3.—FIRTH OF FORTH. 3 sq. mi.								
4.—ESK. 116 sq. mi.								
Moorfoot Hills (Bowbate)	Messrs. Leslie & Reid, C.E.	11	0	6	1260	1166	45·90
Moorfoot Hills (Gladhouse Res.)	Messrs. Leslie & Reid, C.E.	5	0	8	915	868	34·17	252 182
Moorfoot Hills (Rosebery)	Messrs. Leslie & Reid, C.E.	4	0	9	750	755	29·73	235 167
Moorfoot Hills (Edgelaw)	Messrs. Leslie & Reid, C.E.	4	0	10	654	766	30·17	235 168
Gorebridge (Deanbank)	A. Wilson Spalding, Esq.	5	1	0	500	704	27·70	252 149
Pentland Hills (Harehill)	Messrs. Leslie & Reid, C.E.	11	1	7	1297	907	35·70
Pentland Hills (Martyrs Cross)	Messrs. Leslie & Reid, C.E.	5	1	0	750	893	35·15	253 168
Pentland Hills (Loganlea)	Messrs. Leslie & Reid, C.E.	5	1	0	811	923	36·36	210 170
Pentland Hills (Glencorse Fil.)	Messrs. Leslie & Reid, C.E.	5	1	0	638	869	34·21	218 168
Pentland Hills (Glen Cottage)	Messrs. Leslie & Reid, C.E.	5	1	2	739	899	35·39	218 171
Milton Bridge (Bush)	J. S. Abernethy, Esq.	5	1	0	600	837	32·94	218 162
Newbattle (Public School)	W. Fowler, Esq.	5	4	3	300	610	24·02	.. 132
Musselburgh (Pinkieburn)	Mr. G. Wright	5	1	2	50	615	24·22	.. 130
5.—ALMOND & C. 153 sq. mi.								
Pentland Hills (Crosswood)	Messrs. Leslie & Reid, C.E.	5	1	0	950	953	37·52	213 183
Pentland Hills (Harperigg)	Messrs. Leslie & Reid, C.E.	5	1	0	900	1001	39·43	242 172
Pentland Hills (Morton)	Messrs. Leslie & Reid, C.E.	5	1	0	749	947	37·30	256 178
West Calder (Addiewell)	Scottish Oils, Ltd.	12	24	3	620	885	34·83
Pentland Hills (Harrow Res.)	Messrs. Leslie & Reid, C.E.	5	1	0	800	779	30·68	216 149
Pentland Hills (Bonally Res.)	Messrs. Leslie & Reid, C.E.	11	0	6	1112	906	35·67
Pentland Hills (Clubbiedean Rs.)	Messrs. Leslie & Reid, C.E.	4	0	6	773	797	31·36	226 148
Pentland Hills (Swanston)	Messrs. Leslie & Reid, C.E.	5	0	6	550	831	32·73	213 162
Pentland Hills (Fairmilehead)	Messrs. Leslie & Reid, C.E.	5	1	0	590	849	33·42	207 160
Liberton (Alnwick Hill)	Messrs. Leslie & Reid, C.E.	5	1	0	407	704	27·73	192 144
Colinton (Firhill Tank)	Messrs. Leslie & Reid, C.E.	5	0	6	412	771	30·35	222 157
Liberton (College Garden)	A. McCallum, Esq.	5	1	0	190	727	28·61	189 144
Edinburgh (Royal Observatory)	Prof. R. A. Sampson, F.R.S	8	1	0	442	726	28·60	217 140
Edinburgh (Napier Road)	A. Harrison, Esq.	5	1	2	300	703	27·69	203 136
Edinburgh (The Academy)	M. McC. Fairgrieve, Esq.	5	1	0	70	683	26·87	197 145
Edinburgh (Univ. Engin. Lab.)	Prof. T. Hudson Beare	5	1	0	227	705	27·76	185 137
Edinburgh (St. Roque)	J. Cow							

DIVISION XIII.—SOUTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
LINLITHGOW. (Area, 120 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—ALMOND & C. 60 sq. mi.									
M Uphall	No. 7. Messrs. Leslie & Reid, C.E.	8	1	4	790	894	35·20	..	..
M Uphall	No. 8. Messrs. Leslie & Reid, C.E.	8	1	4	577	850	33·46	..	..
M Uphall	No. 6. Messrs. Leslie & Reid, C.E.	8	1	4	680	872	34·33	..	..
M Uphall	No. 3. Messrs. Leslie & Reid, C.E.	8	1	2	711	874	34·41	..	..
D Uphall (Bangour Asylum)	Col. J. Keay	5	1	0	587	841	33·11	234	166
D Uphall	Scottish Oils, Ltd.	8	0	10	380	877	34·51	..	..
D Dalmeny House.	Mr. D. T. Johnston.	5	0	9	50	735	28·93	205	142
2.—FORTH—Right Bank Tributaries. 59 sq. mi.									
D Bathgate (Filters)	No. 1. A. L. Reid, Esq.	5	0	9	640	898	35·36	204	163
M Bathgate (Petershill Res.)	No. 2. A. L. Reid, Esq.	5	0	9	710	822	32·37	..	..
M Bathgate (Ballencreeff R)	No. 3. A. L. Reid, Esq.	5	0	9	792	843	33·20	..	..
M Torphichen (Lochcote)	Wm. Beattie, Esq.	5	0	4	550	885	34·85	..	..
D Uphall (Beccraigs)	Messrs. Leslie & Reid, C.E.	..	..	..	531	973	38·30	201	174
M Carribber Reservoir	Wm. Beattie, Esq.	5	0	4	400	852	33·53	..	..
D Linlithgow (Grange)	H. M. Cadell, Esq.	5	0	9	430	805	31·69	210	149
D Linlithgow (Preston House)	Mr. C. Blair	5	1	0	380	879	34·62	210	168
D Linlithgow Academy	J. Beveridge, Esq.	5	1	0	170	985	38·77	244	161
Bo'ness (Neidpath Cottage)	Mr. J. Grant	5	2	0	200	797	31·39	..	..
Bo'ness (Grange School)	J. Gray, Esq.	5	2	0	100	836	32·93	..	..
3.—CLYDE—Right Bank Tributaries. 1 sq. mi.									

DIVISION XIV.—SOUTH-WESTERN COUNTIES.

LANARK. (Area, 881 sq. mi.)

1.—TWEED, UPPER—Left Bank Tributaries. 20 sq. mi.								
D Biggar	J. Eunson, Esq.	8	1 0	691	772	30·40	233	170
2.—ALMOND. 14 sq. mi.								
3.—FORTH—Right Bank Tributaries. 9 sq. mi.								
M Airdrie (Forrestburn Reservoir)	A. Simpson, Esq., C.E.	5	0 6	722	927	36·50	..	..
4.—CLYDE—Right Bank Tributaries. 378 sq. mi.								
D Crawford (Camps Res.)	Jas. McMillan, Esq.	11	0 10	969	1110	43·70	..	178
M Coulter Reservoir	No. 1. W. Ross, Esq., C.E.	11	1 0	1175	1273	50·11	..	..
M Coulter Reservoir	No. 2. W. Ross, Esq., C.E.	11	1 0	1175	1267	49·89	..	..
Lamington (Cowgill Reservoir)	J. Chisholm, Esq., C.E.	5	1 0	970	991	39·01	..	..
M Biggar (Shieldhill)	Miss Dunlop	5	1 2	850	755	29·74	..	..
D Lamington House	Rt. Hon. Lord Lamington ..	5	..	800	960	37·79	249	176
D Cleghorn Gardens	Mrs. Elliott Lockhart	5	0 6	720	882	34·74	..	196
Carluke (Coldstream Reservoir)	W. Ross, Esq., C.E.	11	1 0	800	810	31·90	..	..
Wishaw (Orchardlea)	Th. late T. Swinnerton, Esq. ..	6	1 6	450	773	30·44	..	..
Glasgow (Tollcross Park)	E. Matthews, Esq.	5	0 6	85	968	38·10	244	188
Glasgow Green	E. Matthews, Esq.	5	0 6	35	985	38·78	252	190
Glasgow (Alexandra Park)	E. Matthews, Esq.	5	0 6	141	926	36·45	237	179
Glasgow (Botanic Gardens)	E. Matthews, Esq.	5	0 6	110	900	35·45	225	170
Glasgow (Kelvingrove Park)	E. Matthews, Esq.	5	0 6	48	956	37·65	205	177
Glasgow (Victoria Park)	E. Matthews, Esq.	5	0 6	30	964	37·95	216	172
Glasgow (Ruchill Park)	E. Matthews, Esq.	5	0 6	222	925	36·43	223	175
Glasgow (Springburn Park)	E. Matthews, Esq.	5	0 6	352	1009	39·72	256	188
Clarkston (Roughrigg Res.)	J. Chisholm, Esq., C.E.	5	1 0	661	840	33·07	..	..
D Airdrie (Broomknoll Street)	J. Chisholm, Esq., C.E.	5	1 0	402	837	32·94	223	171
D Caldercruix (Hillend Reservoir)	Mr. W. A. Ritchie	5	3 6	620	981	38·61	238	190
D Gartcosh (Gartloch Hospital)	Mr. James McEwen	5	1 1	291	937	36·91	252	181

DIVISION XIV.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
LANARK—(con.).		in	ft.	in.	ft.	mm.	in.		
5.—CLYDE—Left Bank Tributaries. 448 sq. mi.									
d Leadhills	J. McFarlane, Esq.	5	1	1	1310	1837	72·33	247	206
d Strathaven (Glengavel Res.) ..	J. McMillan, Esq., C.E.	5	1	0	880	1110	43·71	238	199
d Strathaven (Dungavel)	A. K. Foulis, Esq.	5	1	0	798	1227	48·29	247	200
d Strathaven (Dunside Res.)	J. McMillan, Esq., C.E.	5	0	10	1010	958	37·71	205	153
d Coalburn (Acetophead)	David Todd, Esq.	5	0	10	729	979	38·54	233	172
d Lesmahagow (Auchtyfardle) ...	Major T. E. Lander	5	1	0	578	856	33·70	..	..
d Strathaven (East Overton Ho.) ..	H. Lee Dykes, Esq.	5	1	0	700	1045	41·14	212	181
d Stonehouse Sanatorium	James Shields, Esq.	5	1	0	526	910	35·82	217	171
d Stonehouse (Glassford Filters) ..	J. McMillan, Esq., C.E.	5	0	9	775	1006	39·59	239	191
d Hamilton W. W. (Townhill) ...	W. H. Purdie, Esq., C.E.	7	1	0	436	950	37·40	..	200
d Hamilton (St. James's Manse) ..	Rev. J. A. Lees	5	1	0	200	882	34·72	213	149
d Busby (Thornton Hall)	A. H. Bishop, Esq.	5	1	0	441	1039	40·90	247	171
d Carmunnock (Carnbooth)	R. Robertson, Esq., C.E.	5	1	0	365	1047	41·21	270	187
d Cambuslang (Greenlees Filters) ..	J. McMillan, Esq., C.E.	8	1	0	322	1018	40·07	242	187
d Glasgow (Dumbreck)	W. Gillies, Esq. ....	..	..	..	..	939	36·95	232	177
d Glasgow (Bellahouston Park) ..	E. Matthews, Esq.	5	0	6	160	948	37·34	242	185
d Glasgow (Elder Park)	E. Matthews, Esq.	5	0	6	40	975	38·38	225	181
6.—IRVINE. 2 sq. mi.									
7.—AYR. 1 sq. mi.									
8.—NITH. 2 sq. mi.									
9.—ANNAN. 7 sq. mi.									
AYR. (Area, 1135 sq. mi.)									
1.—CLYDE—Left Bank Tributaries. 20 sq. mi.									
d Glengarnock (Chemical Works) ..	A. Shanks, Esq.	8	15	0	120	1326	52·19	252	194
2.—FIRTH OF CLYDE. 60 sq. mi.									
d Stevenston (Greenhead Filters) ..	Gilbert Christie, Esq., C.E.	5	1	0	186	1041	40·99	253	188
d Skelmorlie (West Park)	J. Wilkinson, Esq.	5	1	6	150	1326	52·19	228	192
d Shaws W.W. (Kelly Dam)	J. Macalister, Esq., C.E.	6	1	0	640	1532	60·30	..	..
d Shaws W.W. (Knockencorsan) ..	J. Macalister, Esq., C.E.	6	1	0	1040	1493	58·80	..	..
3.—IRVINE & C. 283 sq. mi.									
d Irvine (Gailes)	H. W. Aitken, Esq.	5	1	0	12	1036	40·79	237	182
d Kilmarnock (Agricultural Coll.) ..	Prof. R. A. Berry	8	1	2	80	1023	40·27	237	181
d Kilmarnock (North Craig Res.) ..	Wm. Dunbar, Esq., C.E.	12	1	0	319	1052	41·40	..	..
d Dalry (Munnoch Reservoir)	Gilbert Christie, Esq., C.E.	5	1	0	325	1265	49·82	243	196
d Dalry (Caaf Reservoir)	Gilbert Christie, Esq., C.E.	5	1	3	515	1351	53·17	244	210
d Dalry W. W. (Thirdpart)	Mr. W. Wightman	5	1	0	560	1224	48·18	..	..
d Dalry (Camphill Reservoir)	James Lee, Esq., C.E.	12	1	6	611	1562	61·50	..	..
d Beith (Filter Station)	W. C. Dale, Esq.	5	6	0	124	1185	46·64	238	203
4.—AYR. 222 sq. mi.									
d Ayr Cemetery	J. Young, Esq., C.E.	5	1	0	40	970	38·19	237	193
d Muirkirk (Wellwood)	Maj. H. Brown Lindsay, D.S.O.	5	1	0	652	1036	40·77	224	190
d Muirkirk (Kannshill)	Dugald Baird, Esq.	5	2	0	750	1049	41·30	238	192
5.—DOON. 119 sq. mi.									
d Loch Finlas	J. Young, Esq., C.E.	5	1	0	849	1406	55·36	..	..
d Maybole (Knockdon Farm)	T. Cross, Esq.	5	1	6	352	951	37·45	..	..
d Patna (Kerse Filters)	W. Gray, Esq., C.E.	11	1	0	743	1115	43·90	254	200
d Ayr (Doonholm)	Lt.-Col. N. Kennedy, D.S.O.	5	1	0	90	1022	40·24	225	172
6.—CULZEAN BAY & C. 32 sq. mi.									
d Turnberry (Hotel)	J. H. Thomas, Esq.	5	1	0	97	785	30·90	198	155
d Turnberry Lighthouse	Com'rs. of N. Lighth's. ....	..	..	..	..	912	35·89	206	182
d Maybole (Culzean Castle Gdns) ..	Mr. A. T. Harrison	8	2	10	138	969	38·17	205	165

DIVISION XIV.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with .01 in. or more.	Days with .04 in. or more.
		Diam.	Height above Ground	Sea Level.	1924				
AYR—(con.).									
7.—GIRVAN. 105 sq. mi.									
Girvan (Glendoune Gardens)...	Mr. J. Simons	5	1	0	100	1047	41.21	195	..
d Girvan (Sunnyside, Golf Course)...	D. Macdonald, Esq.	5	1	0	27	913	35.93	208	175
Loch Bradan	M. S. Brodie, Esq., C.E.	11	1	0	991	1443	56.81	..	..
8.—STINGCHAR & C. 155 sq. mi.									
d Colmonell (Knockdolian)	Mrs. McConnell	5	1	0	170	1060	41.72	221	176
d Girvan (Pinmore)	W. McConnell, Esq.	5	0	5	207	1250	49.20	251	187
9.—LOCH RYAN. 12 sq. mi.									
10.—LUCE BAY. 15 sq. mi.									
d Ballantrae (Lagafater Lodge)...	Cedric R. Boulton, Esq.	5	0	11	792	1683	66.26	254	231
11.—GREE. 40 sq. mi.									
12.—DEE. 9 sq. mi.									
13.—NITH. 62 sq. mi.									
d Glen Afton (Ayr Sanator'm)...	Dr. E. E. Prest	5	1	0	850	1245	49.01	243	197
d New Cumnock (Power Station)...	James Jack, Esq.	5	1	0	764	1304	51.34	216	181
14.—INSULAR. 1 sq. mi.									
Ailsa Craig	Com'rs. of N. Lighth's. ...	3	1	0	27	531	20.92	164	130
RENFREW (Area, 241 sq. mi.)									
1.—CLYDE—Right Bank Tributaries. 3 sq. mi.									
2.—CLYDE—Left Bank Tributaries. 194 sq. mi.									
GorbalsDist.W.W.(NetherCairn)...	J. R. Sutherland, Esq., C.E. ...	12	0	5	700	1355	53.35	..	..
GorbalsDist.W.W.(Middleton)...	J. R. Sutherland, Esq., C.E. ...	12	0	5	550	1247	49.10	..	..
GorbalsDist.W.W.(Ryat Lynn)...	J. R. Sutherland, Esq., C.E. ...	8	0	5	310	1182	46.55	..	..
GorbalsDist.W.W.(Waulk Glen)...	J. R. Sutherland, Esq., C.E. ...	12	0	5	280	1157	45.55	..	..
Paisley W.W. (Muirhead)	James Lee, Esq., C.E.	12	1	0	482	1299	51.14	..	..
Paisley W.W. (Springside)	James Lee, Esq., C.E.	12	1	0	532	1577	62.10	..	..
d Lochwinnoch (Garthland)	H. Macdowall Esq.	5	0	11	150	1662	65.42	248	219
PaisleyWW(BackThornleymuir)...	James Lee, Esq., C.E.	12	1	0	646	1332	52.45	..	..
Paisley W.W. (Stanely)	James Lee, Esq., C.E.	12	1	0	190	1137	44.76	..	..
d Howwood (Midtown House)...	Andrew McNab, Esq.	5	1	6	231	1413	55.65	234	201
Pollokshaws (Rouken Glen)...	E. Matthews, Esq.	5	0	6	156	1137	44.77	240	197
Pollokshaws (Linns Park)	E. Matthews, Esq.	5	1	0	180	895	35.22	206	182
d Pollokshaws (Pollok House)...	Sir J. Stirling Maxwell, Bt. ...	5	1	0	50	880	34.65	221	170
d Glasgow (Queen's Park)	E. Matthews, Esq.	8	0	9	145	891	35.09	228	171
Glasgow (Maxwell Park)	E. Matthews, Esq.	5	0	6	69	909	35.80	237	180
d Kilbarchan (Milliken Park)	M. Douglas Anderson, Esq. ...	5	1	6	75	1247	49.09	222	204
d Kilbarchan (Glentyan) ... (R)...	R. H. Hunter, Esq.	8	3	9	285	1364	53.71	244	198
d Paisley(TheCoatsObservatory)...	Observatory Committee ..	8	1	0	107	1084	42.66	238	182
d Houston Manse	Rev. George Muir	5	1	0	103	1207	47.54	236	190
Shaws W.W. (Duchall Moor)...	J. Macalister, Esq., C.E. ...	6	1	0	1150	1941	76.40	..	..
Shaws W.W. (Creuch Hill)	J. Macalister, Esq., C.E. ...	6	1	0	1350	1915	75.40	..	..
Shaws W.W. (Green Water)...	J. Macalister, Esq., C.E. ...	6	1	0	788	1862	73.30	..	..
d Renfrew Aerodrome (+A)...	The Meteorological Office..	8	1	0	37	936	36.86	216	168
Kilmacoll W.W.	R. Blackwood, Esq.	5	1	0	600	1726	67.94	..	..
d Kilmacoll Village	R. Blackwood, Esq.	5	1	0	300	1491	58.72	247	202
Bishopton (Ingliston)	D. Cross, Esq.	5	1	0	195	1156	45.52	..	..
Bishopton (Dargavel)	Miss M. A. Maxwell	5	1	0	33	1123	44.23	..	..
d Bishopton (Formakin)	J. A. Holms, Esq.	5	0	9	150	1289	50.74	241	203
d Shaws W.W. (Gryfe Reservoir)...	J. Macalister, Esq., C.E. ...	5	1	0	640	1566	61.66	249	205
d Shaws W.W. (Mansfield)	J. Macalister, Esq., C.E. ...	5	1	0	573	1574	61.98	249	205
Shaws W.W. (Darndaff Moor)...	J. Macalister, Esq., C.E. ...	5	1	0	850	1617	63.68	..	..

DIVISION XIV.—SOUTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
RENFREW—(con.).		in.	ft.	in.	ft.	mm.	in.	
3.—FIRTH OF CLYDE. 34 sq. mi.								
	Shaws W.W. (Largs Road) J. Macalister, Esq., C.E. . . .	5	1	0	910	1508	59·38	.. ..
	Inverkip (Daff Burn Reservoir) Alex. Duthie, Esq.	8	1	0	506	1419	55·87	.. ..
M	Langbank (East Bank Gardens) T. Cross, Esq.	5	2	6	250	1238	48·74	.. ..
w	Dougliehill Filters (Pt. Glas. W.W.) James Murray, Esq.	8	1	6	540	1374	54·11	.. ..
w	Parkhill Filters (Pt. Glas. W.W.) . James Murray, Esq.	8	1	6	275	1280	50·38	.. ..
d	Shaws W.W. (Compens. Res.) . . . J. Macalister, Esq., C.E. . . .	5	1	0	600	1613	63·51	265 218
d	Shaws W.W. (Loch Thom) J. Macalister, Esq., C.E. . . .	5	1	0	643	1649	64·92	265 218
	Shaws W.W. (Shielhill) J. Macalister, Esq., C.E. . . .	6	1	0	962	1758	69·20	.. ..
d	Shaws W.W. (New Yett's Dam) J. Macalister, Esq., C.E. . . .	5	1	0	800	1553	61·16	297 223
	Shaws W.W. (Spango Burn) . . . J. Macalister, Esq., C.E. . . .	6	1	0	757	1747	68·80	.. ..
d	Shaws W.W. (Hole Glen) J. Macalister, Esq., C.E. . . .	5	1	0	603	1620	63·79	298 215
d	Greenock (Prospect Hill) (. + A) J. Macalister, Esq., C.E. . . .	5	1	0	200	1474	58·03	259 200
d	Gourock (Coves Reservoir) . . . Alex. Duthie, Esq.	5	1	0	221	1185	46·65	.. 187
4.—IRVINE. 10 sq. mi.								

DIVISION XV.—WEST MIDLAND COUNTIES.

DUMBARTON. (Area, 270 sq. mi.).

1.—FORTH—Right Bank Tributaries. 10 sq. mi.

2.—FIRTH OF CLYDE & COWAL. 52 sq. mi.

d Cardross (Kilmahew)	Capt. Claud A. Allan	5	1	0	130	1120	44·11	..	210
d Helensburgh (Ferniegair)	J. N. Stirling, Esq., C.E. . . .	8	1	0	22	1354	53·30	257	211
d Helensburgh (Valve House)	J. N. Stirling, Esq., C.E. . . .	8	1	0	293	1465	57·68	258	212
d Rosneath House	W. Rankine, Esq.	5	0	4	33	1368	53·85	257	213
Garlochhead (Aikenshaw)	W. S. Turnbull, Esq.	6	1	0	32	1402	55·20	..	..
d Arrochar (Glen Loin)	Mrs. Little	5	1	0	17	2361	92·95	266	236

3.—CLYDE—Leven. 149 sq. mi.

Renton (Carman Filters)	Mr. Chas. Brown	8	4	0	292	1152	45·34	..	..
Loch Lomond Park	E. Matthews, Esq.	5	1	0	156	1335	52·57	263	..
d Glen Finlas Reservoir	No. 7 George Beaton, Esq. . . .	12	1	6	820	2302	90·63	264	235
m Glen Finlas Reservoir	No. 1 George Beaton, Esq. . . .	5	1	1	782	1944	76·54	..	..
m Glen Finlas Reservoir	No. 2 George Beaton, Esq. . . .	5	1	6	1194	1873	73·73	..	..
m Glen Finlas Reservoir	No. 3 George Beaton, Esq. . . .	5	1	5	1627	2154	84·81	..	..
m Glen Finlas Reservoir	No. 4 George Beaton, Esq. . . .	5	2	0	2040	2000	78·74	..	..
m Glen Finlas Reservoir	No. 5 George Beaton, Esq. . . .	5	0	9	1635	1778	69·99	..	..
m Glen Finlas Reservoir	No. 6 George Beaton, Esq. . . .	5	1	0	1172	1753	69·00	..	..

4.—CLYDE—Right Bank Tributaries. 59 sq. mi.

d Drumchapel (Wasdale)	F. C. Thomson Esq.	5	1	0	49	1022	40·24	257	176
Bearsden (Glengarnock)	A. Lithgow, Esq.	8	1	0	100	1043	41·05	..	..
d Milngavie (Dougalston)	Major R. M. Ker	5	1	0	150	1117	43·99	233	179
d Duntocher (Cochno Filters)	T. L. Rae, Esq., C.E.	5	1	0	400	1097	43·20	..	198
Kilpatrick Hills (Greenside Res.)	T. L. Rae, Esq., C.E.	5	1	0	876	1413	55·61	..	..
Kilpatrick Hills (Loch Cochno)	T. L. Rae, Esq., C.E.	5	1	0	909	1377	54·22	..	..
Kilpatrick Hills (Jaw Reservoir)	T. L. Rae, Esq., C.E.	5	1	0	912	1312	51·65	..	..

STIRLING. (Area, 463 sq. mi.)

1.—FORTH—Right Bank Tributaries. 263 sq. mi.

d Polmont (Vellore)	R. M. W. Brown, Esq.	8	0	8	320	820	32·29	207	149
d Falkirk (Inglewood, Laurieston)	W. Ballantine, Esq.	5	1	3	133	935	36·82	199	167
d Falkirk (Westbank)	Garden. A. Nimmo, Esq.	5	1	0	75	941	37·04	212	161
m Falkirk (Westbank)	Lawn. A. Nimmo, Esq.	5	1	0	105	927	36·51	..	..
d Falkirk (Arnotdale)	W. Gibson, Esq.	5	1	0	107	961	37·83	234	163
Falkirk (Kerse)	George Smith, Esq.	8	1	0	18	841	33·10	..	..
d Grangemouth (Burgh Stables)	J. C. Wallace, Esq.	5	0	6	15	832	32·75	..	151

DIVISION XV.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
STIRLING—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—FORTH.—Right Bank Tributaries—(con.).									
Little Denny Reservoir	C. Massie, Esq.	8	1	0	326	1148	45·19	..	..
Little Denny Filters	C. Massie, Esq.	8	1	0	268	1099	43·26	..	..
Kilsyth (Faughlin Res.)	C. Massie, Esq.	8	1	0	707	1477	58·13	..	..
Denny (Buckieburn Reservoir)	C. Massie, Esq.	8	1	0	825	1374	54·08	..	..
Denny (Buckieburn Filters)	C. Massie, Esq.	8	1	0	760	1301	51·52	..	..
Earlsburn Reservoir	C. Massie, Esq.	8	1	0	1202	1576	62·03	..	..
Stirling (North Third Res.)	J. C. Wallace, Esq., C.E.	8	1	0	560	1324	52·13	240	195
d Stirling (Touch Res.)	No. 3 A. H. Goudie, Esq.	8	1	0	759	1398	55·04	230	186
d Stirling (Touch Res.)	No. 2 A. H. Goudie, Esq.	8	1	0	707	1360	53·55	231	184
d Stirling (Touch Res.)	No. 1 A. H. Goudie, Esq.	8	1	0	455	1410	55·52	232	185
d Stirling (Sauchie House)	J. Fyfe, Esq., C.S.I.	5	1	0	151	1012	39·85	182	150
Stirling (Westerlands)	J. W. Drummond, Esq.	5	1	0	120	1047	41·24	..	..
d Stirling (Craigforth)	A. J. Couper, Esq.	5	0	6	32	1074	42·28	215	171
Gargunnoch House	C. Stirling, Esq.	5	1	3	85	1274	50·15	..	..
d Kippen (Arngomery)	Mr. P. McCowan	5	3	6	150	1319	51·91	196	182
w Duchray Valley (Ben Lomond)	J. R. Sutherland, Esq., C.E.	8	0	6	1500	2332	91·80	..	..
d Duchray Valley (Glen Dhu)	J. R. Sutherland, Esq., C.E.	8	1	0	500	2153	84·75	..	220
d Duchray Valley (Comer)	J. R. Sutherland, Esq., C.E.	8	1	0	600	2259	88·95	..	222
w Duchray Valley (Achaids Burn)	J. R. Sutherland, Esq., C.E.	8	1	0	1200	2491	98·05	..	..
w Duchray Val. (Hd. of Main Stream)	J. R. Sutherland, Esq., C.E.	8	1	0	950	2397	94·35	..	..
2.—FORTH—Teith. 5 sq. mi.									
d Stronachlachlar (Invergyle)	J. R. Sutherland, Esq., C.E.	8	1	0	376	1966	77·40	..	229
3.—FORTH—Left Bank Tributaries. 15 sq. mi.									
Bridge of Allan (The Lea)	Laurence Pullar, Esq.	5	0	8	50	1025	40·36	240	170
4.—CLYDE—Leven. 128 sq. mi.									
Strathblane (Blane field)	J. R. Sutherland, Esq., C.E.	8	1	0	250	1349	53·10	..	..
d Killearn (Achnagowan)	Miss A. L. Guthrie-Smith	5	0	10	332	1549	61·00	231	200
w Loch Arklet (Corrieichon)	J. R. Sutherland, Esq., C.E.	8	0	6	870	2015	79·35	..	..
w Loch Arklet (Corriearklet)	J. R. Sutherland, Esq., C.E.	8	0	6	950	2181	85·85	..	..
5.—CLYDE—Right Bank Tributaries. 52 sq. mi.									
Strathblane (Mugdock Res.)	J. R. Sutherland, Esq., C.E.	8	0	6	320	1199	47·20	..	..
d Kilsyth (Innsbridge)	J. I. Little, Esq.	5	11	0	202	1217	47·92	225	188
BUTE. (Area, 218 sq. mi.)									
1.—ISLE OF BUTE. 50 sq. mi.									
d Rothesay (Arden Craig)	Sir John Reid	5	1	0	201	1312	51·64	267	220
Port Bannatyne (Ettrickdale)	Lt.-Col. M. R. Gray Buchanan	5	1	0	190	1195	47·05	263	209
2.—GUMBRAES. 4 sq. mi.									
d Millport (Marine Biog. Stat.)	R. Elmhirst, Esq.	5	1	0	16	1105	43·51	249	188
3.—ARRAN. 164 sq. mi.									
Pladda	Com'rs of N. Lighth's	5	1	9	35	1088	42·85	214	208
Holy Island (Pillar Rock)	Com'rs of N. Lighth's	3	0	3	46	1214	47·78	216	184
d Shiskine (Shedog)	Dr. T. Rutherford	5	1	0	107	1217	47·91	..	173
d Dougarie Lodge	David Reside, Esq.	5	1	0	10	1173	46·16	240	189
ARGYLL. (Area, 3181 sq. mi.)									
1.—TAY—Tummel. 36 sq. mi.									
2.—SOUND OF ARISAIG, SOUND OF MULL & C. 317 sq. mi.									
d Morvern (Ardtornish)	G. Craig Sellar, Esq.	5	1	0	48	2402	94·58	273	243
d Morvern (Drimnin)	Mrs. Gordon	5	1	0	225	1460	57·48	282	219
d Loch Sunart (Glenborrodale)	T. J. A. Armstrong, Esq.	5	1	0	110	1638	64·50	..	..
Ardnamurchan	Com'rs of N. Lighth's	8	4	3	180	1064	41·88	199	162
d Acharacle (Shielbridge)	T. J. A. Armstrong, Esq.	8	1	0	48	1648	64·88	256	225

DIVISION XV.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
ARGYLL—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—LOCH LINNHE—Right Bank Tributaries. 139 sq. mi.									
d Morvern (Kingairloch)	G. Herbert Strutt, Esq. ..	5	1	0	40	2603	102·49	234	217
Corran Lighthouse	Com'rs of N. Lighth's	3	1	6	38	1976	77·80	222	207
d Ardgour House	Major Maclean of Ardgour	5	0	10	60	2409	94·86	274	248
4.—LOCH LINNHE—Left Bank Tributaries. 165 sq. mi.									
d Duror (Achara)	W. D. Stewart, Esq.	5	1	2	45	1811	71·31	..	..
Duror (The Rectory)	Rev. Canon E. J. Benwell..	5	1	0	120	1903	74·94	250	218
Glenleven(BlackwaterHouse)	4 British Aluminium Co. Ltd.	8	1	0	1069	2147	84·52	..	..
d Glenleven(BlackwaterDam,S.)	2 British Aluminium Co. Ltd.	8	1	0	1072	2310	90·96	285	240
d Glenleven (Kinlochleven) No. 1	British Aluminium Co. Ltd.	8	1	0	140	2365	93·11	262	231
5.—LOCH ETIVE. 197 sq. mi.									
d Glen Etive	W. D. Fordyce, Esq.....	5	1	0	200	2147	84·54	..	..
6.—LOCH ETIVE—Loch Awe. 319 sq. mi.									
d Loch Awe (Ford).....	H. Cameron, Esq.	8	1	0	149	1691	66·60	236	225
d Loch Awe (Dalavich)	H. Cameron, Esq.	8	1	0	260	2022	79·61	257	224
d Dalmally (Manse of Glenorchy)	Rev. Farquhar MacRae ..	5	1	0	150	1987	78·21	249	224
7.—FIRTH OF LORNE. 112 sq. mi.									
Kilmelfort (Arduaine)	J. A. Campbell, Esq.	5	0	10	23	1602	63·07	216	..
d Kilmelfort (Ardmaddy Castle)	The Marchioness of Breadalbane	..	..	..	..	1634	64·33	234	213
w Oban (Gleann-a-Bhearraidh Res.)	D. Galloway, Esq.....	8	1	6	370	1589	62·58	..	..
d Oban	D. Galloway, Esq.....	8	1	0	21	1474	58·02	255	201
8.—SOUND OF JURA. 163 sq. mi.									
d Lochgilphead (Poltalloch)	Mr. D. S. Melville.....	5	1	2	135	1495	58·84	266	216
9.—KINTYRE, WEST. 146 sq. mi.									
Mull of Kintyre	Com'rs of N. Lighth's	5	1	0	267	1133	44·61	..	180
d Muasdale (Killeen Manse)	Rev. D. J. Macdonald	5	1	0	10	915	36·04	243	185
Largie Castle	Mrs. Moreton Macdonald ..	5	1	1	160	1217	47·92	239	204
d Carse	J. Birkmyre, Esq.....	6	1	6	20	1206	47·47	282	218
10.—KINTYRE, EAST. 177 sq. mi.									
d Campbeltown (South Park) ...	J. A. Gardiner, Esq.	8	0	10	20	1318	51·89	250	193
Campbeltown (Devaar)	Com'rs of N. Lighth's	8	3	11	65	1078	42·43	..	170
d Carradale (Torrisdale Castle) ..	Major W. Macalister Hall..	5	1	0	84	1548	60·93	254	212
d Skipness Castle	R. F. Graham, Esq.	5	1	1	14	1130	44·49	249	196
11.—LOCH FYNE. 264 sq. mi.									
Otter Ferry (Ballimore)	Lt. Col. MacRae-Gilstrap ..	5	0	7	60	1363	53·65	..	..
d Ardrishaig (Canal Office)	E. A. Bly, Esq., C.E.	5	1	0	48	1591	62·63	245	213
d Loch Fyne (Castle Lachlan) ..	The MacLachl'n of Machlachl'n	5	1	0	42	1729	68·06	258	225
d Crarae (Kennels)	Sir Archibald Campbell, Bt.	5	1	0	20	1870	73·62	247	218
d Strachur Park	Lady G. Campbell.....	5	1	0	25	1778	70·01	254	221
d Inveraray Castle Gardens	A. E. Lewis, Esq.	5	1	0	40	2028	79·83	263	232
d Ardkinglas	Mr. J. Payne	8	1	6	37	1809	71·20	237	224
12.—FIRTH OF CLYDE & COWAL. 242 sq. mi.									
d Toward (Knockdow Gardens) ..	Sir Norman Lamont, Bt. ..	5	1	6	101	1407	55·38	249	222
d Innellan (Lilybank)	P. H. Coats, Esq.	5	1	6	25	1458	57·41	249	217
d Tighnabruaich (Wellpark)	R. Paton, Esq.	12	0	7	50	1406	55·34	230	206
d Toward (Inverchaolain)	Sir Norman Lamont, Bt. ..	5	1	0	..	1641	64·60	256	226
d Dunoon (Reservoir)	W. Rodger, Esq., C.E.	12	3	6	245	2035	80·11	242	212
d Dunoon (Redhurst)	Dr. J. Banks	5	1	0	60	2068	81·42	251	218
d Holy Loch (Ardnadam)	Rev. J. Cairns Mitchell ..	5	1	0	40	1960	77·18	259	225
d Loch Eck (Benmore)	Mr. R. R. Greenlaw	5	1	3	40	2218	87·33	..	229
Lochgailhead (Ardgail)	E. Matthews, Esq.	5	0	6	20	2214	87·15	260	233
d Lochgailhead (Nuthill)	Mr. D. Marquis.....	5	1	0	15	1991	78·40	261	241
d Glencroe (The Rest)	Mrs. D. Little	5	1	0	500	2818	110·93	257	246

DIVISION XV.—WEST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.		
		Diam.	Height Ground	above Sea Level.					
ARGYLL—(con.).		in.	ft.	in.	ft.	mm.	in.		
13.—CLYDE—Leven. 4 sq. mi.									
14.—INSULAR. 900 sq. mi.									
Sanda	Com'rs. of N. Lighth's. . . . .	..	..	165	1018	40·08	..	..
d Islay (Ardbeg)	Colin E. Hay, Esq.	5	7	0	46	1181	46·51	261	215
Islay (Rhinn)	Com'rs. of N. Lighth's.	7	3	6	150	1087	42·81	239	195
Islay (Lochindaul)	Com'rs. of N. Lighth's.	3	0	6	52	1200	47·24	..	185
Islay (McArthur's Head)	Com'rs. of N. Lighth's.	3	0	4	128	1582	62·27	218	201
d Islay (Eallabus)	James MacKillop, Esq.	5	1	0	68	1459	57·42	269	226
Islay (Dunlossit)	"Oban Times" .....	..	..	..	..	1512	59·53	..	..
Islay (Rhuvaal)	Com'rs. of N. Lighth's.	3	1	3	246	1232	48·51	..	..
d Jura (Ardfin)	Colin Campbell, Esq.	5	1	0	160	1499	59·01	240	215
Lismore (Mousedale)	Com'rs. of N. Lighth's.	7	3	10	105	993	39·09	..	..
d Eriska	Mr. J. M. Webster	5	1	6	30	1561	61·45	227	206
d Mull (Iona Manse)	Rev. A. Macmillan	5	1	2	45	1359	53·50	234	210
d Mull (Bunessan)	Duncan Cameron, Esq.	5	1	0	50	1473	58·01	247	214
d Mull (Lochbuie House)	Sir R. Garton	5	1	3	..	2221	87·46	230	219
d Mull (Kinlochspelve)	G. W. Duncan, Esq.	8	1	0	80	2128	83·77	229	217
Mull (Benmore)	Mr. J. Macphail	5	2	0	2800	3485	137·20	..	..
d Mull (Glencannel)	Duncan Cameron, Esq.	5	1	3	140	2799	110·20	278	235
d Mull (Ulva)	F. W. Clark, Esq.	5	1	0	30	1599	62·94	269	218
d Mull (Knock)	Duncan Cameron, Esq.	5	1	3	50	2050	80·72	..	..
d Mull (Gruline)	J. W. Melles, Esq.	8	1	0	101	1960	77·17	272	224
d Tiree (Cornaigmore)	A. J. Ross, Esq.	5	1	0	25	1182	46·53	240	2007

DIVISION XVI.—EAST MIDLAND COUNTIES.

CLACKMANNAN. (Area 55 sq. mi.).

1.—FORTH, LOWER—Left Bank Tributaries. 55 sq. mi.							
d Alloa House Gardens	Earl of Mar & Kellie, K.T.	5	3	0	995	39·17	..
w Alloa W.W. (Gartmorn Res.)	Andrew Mackie, Esq., C.E.	11	1	0	914	36·00	..
d Tillicoultry (Westbourne)	Mrs. Willison	5	1	0	1010	39·78	198
d Tillicoultry Public School	W. D. Robinson, Esq.	5	1	0	996	39·22	225
d Dollar (Wellhall, Dollarbeg)	James Bleloch, Esq.	5	0	9	1080	42·52	221
d Glendevon	No. 2 H. F. Hodge, Esq., C.E.	8	1	0	1997	78·61	..
d Glendevon	No. 8 H. F. Hodge, Esq., C.E.	8	1	0	1431	56·35	..
d Glendevon	No. 9 H. F. Hodge, Esq., C.E.	8	1	0	1622	63·86	..
d Glendevon (Backhill)	H. F. Hodge, Esq., C.E.	8	1	0	1683	66·27	248

KINROSS. (Area, 87 sq. mi.).

1.—FORTH, LOWER—Left Bank Tributaries. 15 sq. mi.							
d Dollar (Blairingone Manse)	Rev. J. F. Cameron	5	1	6	1147	45·16	226
2.—LEVEN & C. 67 sq. mi.							
d Kelty (Blairadam Wood)	C. A. Alexander, Esq.	5	1	0	953	37·53	..
d Loch Leven Sluice	Mr. J. Thomson	8	0	9	950	37·40	202
d Milnathort (Laurel Bank)	Capt. L. Kininmouth	5	1	0	937	36·87	199
d Milnathort (Ledlanet)	Sir J. C. Calder, C.B.E.	5	1	0	1181	46·48	228

3.—EDEN. 2 sq. mi.**4.—TAY—Earn. 3 sq. mi.**

FIFE. (Area, 505 sq. mi.).

1.—FORTH, LOWER—Left Bank Tributaries. 66 sq. mi.							
d Rosyth (H. M. Dockyard)	The Supt. Engineer	8	1	0	731	28·78	180
d Kincardine (Tulliallan)	Col. Alexander Mitchell	8	1	0	915	36·03	..
d Culross (Brankston Grange)	J. P. Dalgleish, Esq.	5	0	6	845	33·28	206
d Carnock (Craigluscar Res.)	R. Muir Morton, Esq.	12	0	4	1059	41·70	..

DIVISION XVI.—EAST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.	1924			
FIFE—(con.).		in.	ft.	in.	ft.	mm.	in.	
2.—LEVEN & C. 208 sq. mi.								
Inverkeithing (Pitreavie Castle) R. Richardson, Esq.....		5	0	9	150	820	32·27	..
Dunfermline (Fordell House) .. Earl of Buckinghamshire..		5	1	0	250	881	34·68	..
d Kirkcaldy (Munro Street) F. Braid, Esq.		5	1	0	67	801	31·54	214
Cowdenbeath (Stenhouse St.) .. C. A. Alexander, Esq.		5	1	0	474	1004	39·53	..
d Cleish Hills (Deanhead Farm) .. C. A. Alexander, Esq.		5	1	0	725	1017	40·02	197
m Cleish Hills (Craiggaveral) C. A. Alexander, Esq.		5	1	0	760	1111	43·72	..
m Cleish Hills (Roscobie Res.) .. C. A. Alexander, Esq.		5	1	0	660	1074	42·28	..
m Cleish Hills (Lochglow Res.) .. C. A. Alexander, Esq.		5	1	0	900	933	36·75	..
d Leslie (Lothrie Reservoir) R. Ritchie, Esq.		5	0	6	702	999	39·33	221
d Elie (The Castle) Miss E. E. Scott Moncrieff		5	0	5	9	705	27·74	182
d Colinsburgh (Cairnie House) ... Maj. R. A. Anstruther, D.S.O.		5	3	6	125	805	31·70	199
d Colinsburgh (Balcarres) Mr. W. H. Adams		5	1	0	300	793	31·22	196
d Carnbee (Ovenstone W.W.) ... A. P. Watson, Esq.....		5	1	0	168	743	29·25	188
3.—EDEN & C. 205 sq. mi.								
d Ceres (Castlebank) Mr. Alex. Smith		5	2	0	280	904	35·60	202
d Cameron Water Works W. Watson, Esq., C.E....		5	1	0	478	868	34·19	189
d Cupar (Pitlair) W. N. Walker, Esq.....		8	1	0	126	793	31·22	183
d Cupar (Rankellour) Mr. J. McLaren		5	1	0	240	833	32·81	..
d Cupar (Fife & Kinross Asylum) .. Dr. J. H. Skeen		5	1	0	210	745	29·32	168
d Cupar (Over Rankellour) H. Giles Walker, Esq.		5	1	0	200	755	29·71	..
d St. Andrews (Water Works) .. W. Watson, Esq., C.E....		5	1	0	217	809	31·85	193
d St. Andrews (Queen's Gardens) .. Miss I. J. R. Macadam		5	1	0	55	805	31·70	180
d St. Andrews W. Watson, Esq., C.E....		5	1	0	20	775	30·52	205
Kilmany (Lochmalony) W. Marshall, Esq.		5	0	9	260	979	36·19	..
d Leuchars (Seaplane Stn.) (+A) The Meteorological Office ..		8	1	0	40	767	30·21	207
4.—FIRTH OF TAY. 25 sq. mi.								
d Newport (Tayfield) W. Berry, Esq.		5	0	7	100	851	33·50	184
d Tayport (Lighthouse) J. H. Thompson, Esq., C.E.		5	1	0	27	818	32·22	219
5.—TAY—Earn. 1 sq. mi.								
8.—INSULAR.								
d Inchkeith The Meteorological Office..		8	1	0	190	624	24·58	196
Inchkeith Lighthouse Com'rs of N. Lighth's....		160	585	23·05	196
Isle of May Com'rs of N. Lighth's ..		5	4	0	180	531	20·90	..
PERTH. (Area, 2535 sq. mi.).								
1.—FORTH—Right Bank Tributaries. 17 sq. mi.								
d Gartmore House Gardens Mr. H. B. Matheson		5	1	0	160	1444	56·85	257
d Loch Dhu J. R. Sutherland, Esq., C.E.		8	0	6	325	1986	78·20	..
2.—FORTH, UPPER—Left Bank Tributaries. 64 sq. mi.								
d Aberfoyle (The Inn) J. R. Sutherland, Esq., C.E.		8	0	6	60	1486	58·50	..
w Ledard J. R. Sutherland, Esq., C.E.		8	0	6	1500	1827	71·95	..
3.—FORTH—Tolth. 221 sq. mi.								
w Loch Drunkie J. R. Sutherland, Esq., C.E.		8	0	6	420	1655	65·15	..
Invertrossachs Sir James R. Wilson, Bt...		5	1	0	380	1547	60·91	269
w Ben Venue (Glasaholme) J. R. Sutherland, Esq., C.E.		8	1	0	1150	2141	84·30	..
d Loch Vennachar J. R. Sutherland, Esq., C.E.		8	0	6	275	1473	58·00	..
d Bridge of Turk J. R. Sutherland, Esq., C.E.		8	0	6	275	1621	63·80	..
w Loch Katrine (Tunnel Hill Top) J. R. Sutherland, Esq., C.E.		8	0	6	830	1976	77·80	..
w Ben Ledi J. R. Sutherland, Esq., C.E.		8	0	6	1400	1827	71·95	..
d Achnahard J. R. Sutherland, Esq., C.E.		8	1	0	474	1688	66·45	..
Callander (Lenny House) Capt. M. Murray Buchanan		5	0	6	340	1301	51·20	..
w Strone Bridge J. R. Sutherland, Esq., C.E.		8	1	0	380	1742	68·60	..
w Glen Meann J. R. Sutherland, Esq., C.E.		8	1	0	800	2046	80·55	..
w Glen Finglas J. R. Sutherland, Esq., C.E.		8	1	0	1200	2050	80·70	..
d Glengyle J. R. Sutherland, Esq., C.E.		8	0	6	380	2294	90·30	..
w Upper Glengyle J. R. Sutherland, Esq., C.E.		8	1	0	750	2451	96·50	..
w Allt a' Choin J. R. Sutherland, Esq., C.E.		8	1	0	1250	2361	92·95	..
Balquhiddier (Blaircreach) J. M. Fergusson, Esq.		5	1	0	460	2427	95·56	..
d Balquhiddier (Stronvar) J. Carnegie, Esq.		5	1	0	422	1633	64·27	..

DIVISION XVI.—EAST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
PERTH—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—FORTH, LOWER—Left Bank Tributaries. 107 sq. mi.									
d Dunblane	W. L. Gibson, Esq., C.E.	5	1	0	250	1120	44·09	217	185
Dunblane (Kippendavie)	Mr. F. Barnes	8	2	9	300	1184	46·60	..	..
d Glendevon (Glenquey Res.) No.2	H. F. Hodge, Esq., C.E.	8	1	0	945	1589	62·57	193	186
d Glendevon (Tormaukin)	Mr. W. Phillips	5	1	6	770	1449	57·06	218	183
d Glendevon (Frandy)	H. F. Hodge, Esq., C.E.	8	1	0	911	1676	65·97	238	199
Glendevon (Glensherup)	R. Muir Morton, Esq.	12	0	4	945	1661	65·38	..	..
m Glendevon	No. 1 H. F. Hodge, Esq., C.E.	8	1	0	1202	1548	60·94	..	..
m Glendevon	No. 10 H. F. Hodge, Esq., C.E.	8	1	0	1408	1389	54·70	..	..
5.—LEVEN. 1 sq. mi.									
6.—EDEN. 4 sq. mi.									
7.—TAY—Earn. 376 sq. mi.									
d Gleneagles House	Mr. P. Douglas	8	1	0	447	1219	47·98	237	180
Upper Farg (Plains)	Messrs. Leslie & Reid C.E.	8	1	0	900	997	39·25	..	..
Upper Farg (Main Bank)	Messrs. Leslie & Reid, C.E.	5	1	0	642	883	34·76	..	..
d Dunning (Kippen House)	Lady Wilson	5	1	0	450	1240	48·82	185	168
Auchterarder (Belhie)	Miss D. Cairns	5	0	10	100	958	37·71	..	151
Bridge of Earn (Ballendrick)	Capt. O. A. Taylor	5	0	9	50	1004	39·51	193	148
d Lochearnhead (Edinchip)	Sir Malcolm MacGregor, Bt.	5	1	0	513	1624	63·92	249	204
d Comrie (The Rectory)	Rev. F. C. Newbery	5	1	0	200	1299	51·13	211	188
d Comrie (Dunira)	W. Gilchrist Macbeth, Esq.	10	1	3	267	1383	54·47	216	170
d Crieff (Strathearn Hydro.)	Dr. G. Meikle	5	1	0	478	1145	45·07	234	167
8.—TAY—Almond & c. 149 sq. mi.									
d Perth (Wellshill Cemetery)	J. Ritchie, Esq., jun.	5	1	0	77	926	36·45	170	142
d Perth (Moulin Almond)	Col. D. M. Smythe	5	1	0	140	967	38·05	205	154
d Glenalmond (Fendoch)	T. W. Marshall, Esq.	5	1	4	780	1386	54·56	..	..
w Logiealmond Lodge	Earl of Mansfield	5	0	11	1020	1445	56·90	..	..
d Glen Almond (Auchnafree)	Capt. J. A. C. Whitaker	5	1	6	1000	1692	66·60	243	191
9.—TAY—Strathday below Dunkeld. 33 sq. mi.									
Murthly (Douglasfield)	W. A. Rae, Esq.	5	0	6	237	1015	39·95	191	162
d Dunkeld (Kincairney House)	Mr. J. Doig	8	1	0	500	1052	41·42	236	182
d Dunkeld (Snaigow)	W. H. Cox, Esq.	5	1	0	370	990	38·97	202	150
10.—TAY—Bran. 81 sq. mi.									
11. TAY—Strathday above Dunkeld. 95 sq. mi.									
d Aberfeldy (Dall Avon)	Dr. N. D. Mackay	5	1	0	320	930	36·62	222	146
d Grandtully	W. L. Macnaughton, Esq.	5	1	0	220	893	35·15	232	146
12.—TAY—Loch Tay. 241 sq. mi.									
Killin (Auchmore Gardens)	Mr. J. Easson	5	1	0	380	1367	53·81	..	177
d Killin (The Manse)	Rev. G. W. Mackay	5	1	0	400	1548	60·95	254	204
d Kenmore (The Manse)	Rev. W. A. Gillies	5	1	0	450	1090	42·92	237	159
13.—TAY—Lyon. 142 sq. mi.									
d Glenlyon (Meggernie Castle)	Sir E. S. Wills, Bt.	5	1	0	700	1517	59·71	200	185
Fortingall (Glenlyon House)	Mr. J. W. Ford	5	1	0	425	1163	45·77	..	..
14.—TAY—Tummel. 587 sq. mi.									
d Loch Rannoch (The Barracks)	Mr. D. Macdonald	5	1	0	690	1241	48·84	248	192
d Loch Rannoch (Dall)	Mr. D. Robertson, jun.	5	1	0	722	1093	43·04	225	162
d Loch Rannoch (Camuserrachd Lo.)	Mr. D. Menzies	5	1	0	720	991	39·01	193	166
d Pitlochry (Dunfallandy)	D. Stewart-Fergusson, Esq.	5	1	10	405	910	35·82	180	176
d Pitlochry (Manse of Foss)	Rev. R. J. Davidson	8	1	0	530	1039	40·89	216	152
d Pitlochry (Bonskeid)	Dr. G. F. Barbour	5	1	0	540	996	39·23	210	159
d Fincastle House	Dr. G. F. Barbour	5	1	0	980	1017	40·05	230	166
d Blair Atholl (Blair Castle Grdns)	Mr. J. Dickson	5	1	0	500	970	38·19	245	163
d Glen Tilt (Marble Lodge)	Mr. J. Stewart	5	1	0	1000	1051	41·37	..	..
d Glen Garry (Dalnaspidal Lodge)	Mr. J. Macbeth	5	1	0	1414	1646	64·81	242	216
d Glen Bruar (Bruar Lodge) No. 1	Mr. A. McLauchlan	5	1	0	1600	1154	45·45	237	200
d Glen Bruar (Bruar Lodge) No. 2	Mr. A. McLauchlan	5	1	0	1600	1205	47·46	237	199
d Glen Garry (Sronphadrick Lo.)	Mr. W. MacPherson	5	1	0	1525	1470	57·89	..	..
d Glen Tilt (Fealar Lodge)	Mr. D. M. McDougall	5	1	0	1760	1161	45·70	250	176

DIVISION XVI.—EAST MIDLAND COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
PERTH—(con.).		in.	ft.	in.	ft.	mm.	in.		
15.—TAY—Isle. 282 sq. mi.									
D Coupar Angus (Public School)	A. Reid, Esq.	5	2	2	183	842	33·14	201	143
D Blairgowrie (Kinloch Manse)	Mrs. Milne	5	1	0	280	920	36·21	231	145
D Dunkeld (Cardney)	A. R. Macgregor, Esq.	5	1	0	340	1136	44·71	197	185
D Kirkmichael (Ballintuim Ho.)	Miss M. A. Macdonald	5	1	4	700	1080	42·53	251	169
16.—TAY—Left Bank Tributaries. 51 sq. mi.									
D Kinfauns (Balthayock)	R. Wylie Hill, Esq.	5	4	6	323	1048	41·26	170	136
D Scone Palace	Earl of Mansfield	5	0	11	91	940	37·02	204	152
17.—FIRTH OF TAY. 45 sq. mi.									
18.—SPEY—Right Bank Tributaries. 1 sq. mi.									
19.—LOCH LINNHE—Left Bank Tributaries. 2 sq. mi.									
20.—CLYDE—Leven. 36 sq. mi.									
FORFAR. (Area, 875 sq. mi.).									
1.—TAY—Isle. 211 sq. mi.									
D Kettins School	W. Andrew, Esq.	5	1	0	218	867	34·15	186	144
D Glamis Castle	Mr. D. McInnes	5	0	9	250	1005	39·57	186	152
D Forfar (Lilyfield)	D. M. Mackie, Esq.	5	0	5	225	888	34·96	187	150
D Kirriemuir (Lintrathen)	G. Baxter, Esq., C.E.	8	1	0	700	973	38·30	223	153
M Kirriemuir (Balnakeilly)	G. Baxter, Esq., C.E.	8	1	0	700	973	38·30	..	..
M Kirriemuir (Creich Hill, S.)	G. Baxter, Esq., C.E.	8	1	0	1482	1001	39·40	..	..
M Kirriemuir (Creich Hill, Top)	G. Baxter, Esq., C.E.	8	1	0	1500	980	38·60	..	..
M Kirriemuir (Creich Hill, N.)	G. Baxter, Esq., C.E.	8	1	0	1491	1016	40·00	..	..
2.—FIRTH OF TAY. 80 sq. mi.									
D Buddonness (Low Light)	J. H. Thompson, Esq., C.E.	5	1	0	27	832	32·76	199	138
D Dundee (Harbour)	J. H. Thompson, Esq., C.E.	5	0	11	14	822	32·37	187	146
D Dundee (Eastern Necropolis)	A. Macrae, Esq.	5	1	0	199	906	35·66	226	158
D Dundee (Camperdown Works)	Messrs. Cox, Bros., Ltd.	5	1	2	290	926	36·45	214	157
D Dundee (Balruddery)	J. Martin White, Esq.	5	1	0	266	830	32·67	..	139
D Dundee (College Garden)	Director of Studies	8	1	0	147	857	33·72	205	150
3.—SOUTH ESK & C. 371 sq. mi.									
D Carnoustie	A. F. Anderson, Esq., C.E.	8	1	0	39	812	31·97	218	151
D Craigton	G. Baxter, Esq., C.E.	8	3	0	484	973	38·29	205	167
M Craigton (Hillhead)	G. Baxter, Esq., C.E.	8	3	0	570	957	37·69	..	..
M Crombie Reservoir	G. Baxter, Esq., C.E.	8	3	0	522	1068	42·03	..	..
M Monikie (Fallows)	G. Baxter, Esq., C.E.	8	3	0	585	960	37·79	..	..
D Arbroath (W. Cemetery)	J. W. Robertson, Esq.	5	1	0	93	717	28·24	183	126
w Arbroath (Muirheads Res.)	T. A. Hogg, Esq., C.E.	5	1	0	251	815	32·09	..	..
Forfar (Pitscandly House)	F. W. Farquhar, Esq.	5	1	6	300	912	35·91	..	..
Rescobie (Turin)	Col. D. Mason MacFarlane	5	1	0	375	956	37·63	..	..
Montroseness	Com'rs. of N. Lighth's	3	1	0	124	784	30·85	..	136
D Montrose	D. Maxwell, Esq., C.E.	5	1	0	16	812	31·95	205	136
D Montrose (West-End Park)	D. Maxwell, Esq., C.E.	5	1	0	12	851	33·52	196	156
D Brechin (Argyll Street)	J. Hutton, Esq.	5	1	0	224	978	38·49	202	148
D Forfar W.W. (Den of Ogil)	A. Watterston, Esq., C.E.	12	0	3	633	1171	46·12	..	..
D Glenogil Waterworks	T. A. Hogg, Esq., C.E.	5	1	0	770	1188	46·78	216	166
d Glen Prosen (Pearsie House)	G. M. Wedderburn, Esq.	5	1	0	600	1200	47·23	218	179
d Glen Prosen (Lednathie)	J. S. Darling, Esq.	5	1	0	720	1321	51·99	..	..
d Glen Prosen (Balnaboth Gdns.)	Mrs. Ogilvie	5	1	0	975	1301	51·22	..	..
4.—NORTH ESK & C. 213 sq. mi.									
Brechin (Trinity)	Miss E. A. Stevenson	8	1	0	295	937	36·90	..	..
D Montrose (Sunnyside Asylum)	C. K. Alexander, Esq.	5	1	0	200	862	33·92	203	146
D Montrose (Kinnaber W.W.)	D. Maxwell, Esq., C.E.	5	1	0	38	836	32·91	205	133
Brechin (Stracathro Gardens)	Mr. A. Dunlop	5	1	0	200	922	36·31	..	..

DIVISION XVII.—NORTH-EASTERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
KINCARDINE. (Area, 382 sq. mi.).		in.	ft.	in.	ft.	mm.	in.		
1.—NORTH ESK & C. 99 sq. mi.									
d Marykirk (Balmakewan)	W. Low, Esq.	5	1	1	120	887	34·93	194	146
d Fettercairn (Police Station)	Mr. J. F. Brown	5	1	0	235	1008	39·70	..	..
Fettercairn (Fasque)	Sir J. R. Gladstone, Bt.	5	1	0	350	1043	41·06	216	159
2.—BERVIE, COWIE, & C. 139 sq. mi.									
Todhead Pt. Lighthouse	Com'rs of N. Lighth's	3	4	0	135	743	29·25	..	..
d Stonehaven (Mains of Cowie)	John Hart, Esq.	5	1	0	93	801	31·54	241	151
3.—DEE. 144 sq. mi.									
d Strachan (Bridge of Dye)	Mr. N. MacGregor	5	1	0	513	1232	48·49	241	175
d Banchory (Invery)	Major Jas. Kerr	5	1	0	225	1118	44·02	179	162
d Banchory (Blackhall Cas. Gdns)	Mrs. J. T. Hay	5	0	8	220	1044	41·10	240	176
d Banchory (Invercannie)	George Mitchell, Esq., C.E.	5	1	0	205	982	38·67	225	162
d Crathes (Schoolhouse)	L. McL. Gray, Esq.	5	1	0	269	895	35·25	200	149
ABERDEEN. (Area, 1974 sq. mi.).									
1.—DEE. 672 sq. mi.									
d Glen Muick	George Mitchell, Esq., C.E.	5	1	0	1370	1214	47·80	225	184
Glen Tanner (Aitnach)	George Mitchell, Esq., C.E.	5	1	0	1260	1296	51·04	..	..
d Braemar (Bank)	A. M. Shirran, Esq.	5	1	0	1120	931	36·67	..	174
d Braemar (Derry Lodge)	George Mitchell, Esq., C.E.	5	1	0	1400	950	37·41	240	182
d Balmoral Castle Gardens	Mr. R. F. Chalmers	5	1	0	927	859	33·80	258	158
d Abergeldie Castle Gardens	Mr. J. Durran	5	1	0	850	857	33·75	..	156
d Ballater (Irrigation Farm)	George Mitchell, Esq., C.E.	5	1	0	637	984	38·73	224	158
m Bienn Bhreac	George Mitchell, Esq., C.E.	5	1	0	2700	1095	43·13	..	..
d Aboyne	George Mitchell, Esq., C.E.	5	1	0	412	968	38·10	..	156
d Dess House	Lt.-Col. D. F. Davidson	5	1	8	480	937	36·87	219	158
d Glen Gairn (Gairnshield Lodge)	George Mitchell, Esq., C.E.	5	1	0	1100	976	38·42	224	169
d Glen Gairn (Corndavon)	George Mitchell, Esq., C.E.	5	1	0	1500	893	35·17	226	168
d Torphins (School House)	Dr. George Davidson	5	1	6	480	947	37·29	192	152
m Lumphanan	George Mitchell, Esq., C.E.	5	1	0	490	972	38·26	..	..
d Drumoak (Drum Castle)	Mrs. Irvine	5	0	8	320	895	35·24	207	150
d Logie Coldstone School	J. B. Anderson, Esq.	5	1	0	608	930	36·62	245	156
d Aberdeen (Mannofield Res.)	George Mitchell, Esq., C.E.	5	1	0	171	984	38·74	235	157
d Aberdeen (Cranford House)	Mr. W. C. Smith	5	1	0	120	1012	39·86	221	167
2.—DON. 512 sq. mi.									
d Aberdeen (King's College) (+A) The Meteorological Office		8	1	0	48	858	33·78	213	156
d Strathdon (Estates Office)	C. Christie, Esq.	5	1	2	990	823	32·38	..	145
d Dyce (Craibstone House)	Prof. J. Hendrick	5	1	0	276	1005	39·56	208	160
d Dyce (Parkhill House)	J. E. Crombie, Esq.	8	0	11	170	969	38·15	222	165
m New Machar (Straloch)	Mrs. Irvine	5	4	0	320	802	31·58	..	..
d Inverurie (Westfield)	James Skinner, Esq.	5	1	0	207	822	32·35	228	144
3.—YTHAM & C. 285 sq. mi.									
d Ellon (Esslemont House)	Col. J. Wolrige-Gordon, CMG	5	1	6	100	931	36·64	218	161
d Haddo House	Earl of Haddo	5	0	6	186	907	35·69	215	153
d Fyvie Castle	Col. C. R. Burn, M.P.	5	0	6	200	928	36·53	189	150
4.—UGIE & C. 257 sq. mi.									
Buchanness	Com'rs. of N. Lighth's	3	3	0	130	732	28·81	..	..
d New Deer School House	J. A. Thomson, Esq.	5	1	0	397	850	33·47	205	160
d Peterhead (Stock Bridge)	J. Robertson, Esq.	5	1	1	150	843	33·21	215	150
Peterhead (Mains of Buthlaw)	W. Johnston, Esq.	5	1	6	120	999	39·31	221	158
d Peterhead (Forehill Works)	J. Dickie, Esq., C.E.	5	0	8	133	850	33·45	207	154
d Brucklay Castle	A. Dingwall Fordyce, Esq.	8	1	0	300	967	38·08	211	173
Kinnairdhead	Com'rs. of N. Lighth's	3	2	6	120	643	25·32	187	165
5.—DEVERON & C. 248 sq. mi.									
d Drumblade Public School	G. Harper, Esq.	5	1	0	485	935	36·81	260	165
Huntly (Union Bank)	Alex. Smith, Esq.	5	1	0	405	907	35·70	..	..
Huntly	R. Milne, Esq.	5	1	0	390	896	35·28	..	..
Huntly (Cruchie)	Miss A. Joss	5	4	0	400	861	33·88	211	..

DIVISION XVII.—NORTH-EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
BANFF. (Area, 630 sq. mi.)		in.	ft.	in.	ft.	mm.	in.		
1.—YTHAN. 1 sq. mi.									
2.—DEVERON & C. 344 sq. mi.									
D Drummuir Castle	Mr. R. W. Morgan	5	1	0	600	976	38·43	176	156
D Keith Station	Mr. A. Kennedy	5	1	0	364	945	37·19	203	167
D Turriff (Forglen Gardens)	Mr. G. Stuart	5	1	0	220	868	34·17	221	150
D Banff	I. H. Gordon, Esq.	5	0	9	130	726	28·57	200	131
Buckie (Roughonnie)	W. Hendry, Esq.	5	1	4	334	733	28·84	..	..
Buckie (West Church Street)	W. Hendry, Esq.	5	1	4	76	707	27·84	..	..
Cullen House Gardens	Mr. R. Ferguson	5	1	0	100	745	29·33	..	..
3.—SPEY—Right Bank Tributaries. 285 sq. mi.									
D Ballindalloch	C. Mackenzie, Esq.	8	1	0	640	793	31·21	..	..
D Aberlour (Dailuaine)	Mr. J. Tullo	5	1	0	500	839	33·03	202	153
D Aberlour Orphanage	J. G. White, Esq.	5	1	0	350	868	34·18	196	155
MORAY. (Area, 477 sq. mi.)									
1.—DEVERON & C. 7 sq. mi.									
2.—SPEY—Right Bank Tributaries. 35 sq. mi.									
D Gordon Castle	Mr. C. Webster	5	1	0	104	749	29·48	192	138
3.—SPEY—Left Bank Tributaries. 133 sq. mi.									
D Grantown-on-Spey	W. A. Watson, Esq.	5	1	1	700	807	31·77	204	139
D Knockando (Windmill Cottage)	Mr. L. Younie	5	1	0	600	851	33·51	213	148
D Aberlour (Wester Elchies)	Mr. A. Ross	5	1	0	550	920	36·23	205	153
4.—LOSSIE & C. 154 sq. mi.									
D Lhanbryde (Blackhills House)	T. N. Christie, Esq.	5	3	6	310	832	32·74	208	147
Elgin (Rotha)	W. C. Young, Esq.	5	1	0	60	723	28·45	..	..
d Duffus House	Mr. W. Ogg	5	1	0	55	708	27·86	..	..
5.—FINDHORN & C. 148 sq. mi.									
Darnaway Castle Gardens	Earl of Moray	5	1	6	170	763	30·05	181	144
Brodie (Earlsmill House)	William Fenwick, Esq.	5	0	10	135	773	30·43	177	..
Forres (Knockonnie)	W. Fraser, Esq.	5	1	0	93	733	28·85	..	..
NAIRN. (Area, 163 sq. mi.)									
1.—FINDHORN & C. 102 sq. mi.									
d Ardclach (Glenferness)	Mr. A. McKenzie	8	1	6	750	1015	39·96	193	169
2.—NAIRN & C. 61 sq. mi.									
D Cawdor Castle	(R) Mr. D. Chapman	8	4	3	225	842	33·15	221	143
D Nairn (Balblair)	Major H. C. H. Allanby	5	1	0	94	746	29·38	204	137
D Nairn (Achareidh)	H. A. Clarke, Esq.	8	1	0	59	773	30·43	232	138
D Nairn (Delnies)	The Meteorological Office	8	1	9	82	705	27·76	228	134

DIVISION XVIII.—NORTH-WESTERN COUNTIES.

INVERNESS. (Area, 4146 sq. mi.)

1.—TAY—Tummel. 28 sq. mi.									
D Loch Ericht (Ben Alder Lodge)	Mr. F. Macintosh	5	1	0	1175	1469	57·82	273	207
2.—SPEY—Right Bank Tributaries. 437 sq. mi.									
D Dalwhinnie (Drumochter Lo.)	Mr. D. Kennedy	5	1	0	1375	1551	61·08	254	216
D Glen Tromie (Gaick Lodge)	Mr. C. Chisholm	5	1	0	1500	1376	54·18	269	198
D Nethy Bridge (U.F. Manse)	Rev. John Moss	5	1	0	750	755	29·71	..	..

DIVISION XVIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
INVERNESS—(con.).		in.	ft.	in.	ft.	mm.	in.		
3.—SPEY—Left Bank Tributaries. 257 sq. mi.									
D Cluny Castle.....	Mr. A. Macdonald	5	0	10	816	1072	42·20	261	194
M Loch Spey	British Aluminium Co. Ltd.	5	1	0	1164	1702	67·00	..	..
D Glen Spey (Mealgarve)	British Aluminium Co. Ltd.	8	1	0	1135	1276	50·22	248	200
D Laggan (Gergask).....	British Aluminium Co. Ltd.	8	1	0	870	1031	40·57	253	183
D Kingussie.....	A. D. Dallas, Esq.....	8	1	0	815	777	30·59	228	159
D Alvie Manse	Rev. Dugald Maclean	5	1	0	760	807	31·79	241	164
D Carr Bridge (Crannich)	Mrs. A. Doak	5	1	0	850	753	29·65	222	145
Grantown (Muckerach Lodge) ..	Mr. James Fraser.....	5	1	6	750	776	30·55	213	152
4.—FINDHORN. 164 sq. mi.									
5.—NAIRN & C. 131 sq. mi.									
D Gollanfield House	The MacKinnon of MacKinnon	5	0	8	80	749	29·48	174	135
6.—NESS—Right Bank Tributaries. 252 sq. mi.									
Fort Augustus (St. Benedict's) ..	The Procurator	5	1	0	68	1091	42·96	..	..
Loch Ness (Killin, Whitebridge) ..	British Aluminium Co. Ltd.	8	1	0	1200	1343	52·87	..	..
D Loch Ness (Garthbeg)	British Aluminium Co. Ltd.	8	1	0	645	1042	41·01	231	176
Loch Ness (Foyers)	British Aluminium Co. Ltd.	8	1	0	52	1053	41·45	187	153
Loch Ness (Aberchalder)	British Aluminium Co. Ltd.	8	1	0	700	1039	40·92	197	160
D Inverness (Culduthel).....	A. Knowles, Esq.....	5	1	0	242	773	30·45	201	137
7.—NESS—Garry & c. 185 sq. mi.									
M Loch Quoich (Loan)	Col. D. W. Cameron	5	1	0	650	3300	130·00	..	..
D Loch Quoich (Kinlochquoich) ..	Col. D. W. Cameron	5	1	0	560	2961	116·57	..	232
D Loch Quoich (Glenquoich)	Mr. H. Smith	5	1	2	569	2767	108·92	260	238
D Invergarry Gardens	Mr. Donald Stewart	5	1	0	130	1574	61·98	220	207
8.—NESS—Moriston. 120 sq. mi.									
9.—NESS—Enrick. 131 sq. mi.									
D Inverness (Ruigh Ard Asylum) ..	Dr. T. C. Mackenzie	5	0	11	330	897	35·32	236	152
D Inverness (High School)	K. McLean, Esq.	5	1	0	98	803	31·61	213	147
10.—BEAULY. 341 sq. mi.									
11.—GROMARTY FIRTH. 13 sq. mi.									
12.—SOUND OF SLEAT. 259 sq. mi.									
D Loch Nevis (Inverie Gardens) ..	Mr. J. Huggins	5	0	6	15	2149	84·61	260	236
D Gleneig Manse	Rev. A. Mactaggart	5	1	0	85	1330	52·35	229	201
13.—SOUND OF ARISAIG. 126 sq. mi.									
D Moidart (Kinlochmoidart)	J. C. Stewart, Esq.....	5	1	0	13	1854	73·00	247	236
D Moidart (Roshven)	Mrs. Wm. Blackburn	5	1	0	40	1783	70·20	267	228
D Arisaig (Faire-na-Sguir)	Miss C. C. Astley	5	1	0	30	1538	60·56	244	208
D Arisaig House	Mr. W. Grant.....	5	1	0	45	1629	64·12	247	216
14.—LOCH LINNHE—Right Bank Tributaries. 48 sq. mi.									
D Loch Eil (Achdhalieu)	Col. D. W. Cameron	5	1	0	100	1551	61·08	223	211
15.—LOCHY—Right Bank Tributaries. 143 sq. mi.									
D Loch Arkaig (Achnacarry).....	Col. D. W. Cameron	5	1	0	128	1987	78·21	262	210
D Loch Arkaig (Glen Dessary)	Col. D. W. Cameron	5	1	0	300	2568	101·09	..	..
16.—LOCHY—Left Bank Tributaries. 362 sq. mi.									
Loch Treig (Creagunaieach)	British Aluminium Co. Ltd.	5	1	0	800	1821	71·69	..	..
Loch Ossian (Strathossian Ho.) ..	British Aluminium Co. Ltd.	8	1	0	1180	1747	68·79	..	..
M Ben Alder (Loch a' Bhealaich) ..	Mr. F. Macintosh	5	1	0	2360	2403	94·60	..	..
M Ben Alder (Lochan Sgoir)	Mr. F. Macintosh	5	1	0	2300	2400	94·50	..	..
Loch Treig (Fersit)	British Aluminium Co. Ltd.	8	1	0	850	1666	65·58	..	..
M Loch Pattaig.....	Sir J. F. Ramsden, Bt.....	5	0	8	1442	1646	64·80	..	..
Glen Spean (Craigbeg)	British Aluminium Co. Ltd.	8	1	0	860	1503	59·16	..	..
M Loch Laggan (Ardverikie)	Sir J. F. Ramsden, Bt.	5	0	6	825	1374	54·10	..	..

DIVISION XVIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.	1924				
INVERNESS—(con.).		in.	ft.	in.	ft.	mm.	in.		
17.—LOCH LINNHE—Left Bank Tributaries. 120 sq. mi.									
N NorthBallachulish(Alltshellach)	B. Chinnery-Haldane, Esq.	5	2	1	80	1844	72·59	263	226
N Onich (Inchree)	Mr. J. Rutherford	5	1	3	48	1821	71·71	247	217
N Glenleven(BlackwaterDam,N)7	British Aluminium Co. Ltd.	8	1	0	1072	2273	89·48	285	237
N Kinlochleven (Kinlochmore Lo.)	Mr. D. McKenzie	5	1	0	115	2276	89·60	275	237
Kinlochleven (Mamore Lodge)	Mr. D. McKenzie	5	1	8	700	2396	94·32	..	..
Glenleven (Invercam)	No. 6 British Aluminium Co. Ltd.	8	1	6	1070	1857	73·10	..	..
Glenleven (Cirain)	No. 3 British Aluminium Co. Ltd.	8	1	6	1200	2086	82·14	..	..
Glenleven (Loch Eilde Mòr)	British Aluminium Co. Ltd.	8	1	6	1130	2412	94·95	..	..
Glenleven (Loch Eilde Beg)	British Aluminium Co. Ltd.	8	1	6	1125	2443	96·16	..	..
Glenleven (Corrour)	No. 5 British Aluminium Co. Ltd.	8	1	6	1260	1924	75·76	..	..
N Fort William	W. T. Kilgour, Esq.	5	1	0	281	1900	74·81	262	211
18.—INSULAR, INNER HEBRIDES. 786 sq. mi.									
Hyskier	Com'rs of N. Lighths's	5	7	0	12	1081	42·58	206	192
d Skye (Duisdale House)	R. A. Noël Paton, Esq.	5	3	0	80	2006	78·98	231	219
d Skye (Kyleakin, Dunningell)	Maj. A.D. Mackinnon, C.M.G.	5	2	1	80	1712	67·39	275	215
Skye (Kyleakin Lighthouse)	Com'rs of N. Lighths's	5	4	6	53	1711	67·37	241	216
d Skye (Scalpay Island)	Mr. D. Gunn	5	1	0	4	1967	77·45	265	230
d Skye (Portree)	D. Dewar, Esq.	5	1	0	65	1807	71·14	275	234
d Skye (Dunvegan)	Mrs. Mackenzie	5	3	0	47	1549	60·98	250	209
d Skye (Skeabost)	Mr. J. A. Cargill	5	2	0	7	1787	70·34	268	238
Rona	Com'rs of N. Lighths's	3	1	3	212	750	29·517	216	215
19.—INSULAR, OUTER HEBRIDES. 243 sq. mi.									
d Barra (Castle Bay)	The Meteorological Office	8	1	0	37	729	28·69	265	192
North Uist (Monach)	Com'rs of N. Lighths's	8	5	6	20	800	31·48	217	193
ROSS & CROMARTY. (Area 3237 sq. mi.)									
1.—NESS—Moriston. 35 sq. mi.									
2.—BEAULY. 109 sq. mi.									
3.—MORAY FIRTH COAST STREAMS. 64 sq. mi.									
d Fortrose	A. Thom, Esq.	5	1	0	69	629	24·75	208	143
d Feran (Glanies)	T. M. Murray, Esq.	5	0	11	200	676	26·62	..	..
4.—CROMARTY FIRTH. 714 sq. mi.									
d Achnasheen (Ledgowan)	Mr. J. W. Macrae	5	1	0	500	1614	63·55	245	215
d Strathpeffer	W. P. Hutton, Esq.	8	1	0	125	893	35·17	210	152
Cromarty House	Brig.-Gen. W. C. Ross, C.B.	5	1	0	60	738	29·04	196	121
Cromarty	Com'rs of N. Lighths's	3	1	0	28	528	20·797	..	..
d Alness (Ardross Castle)	Mr. John Melrose	5	1	0	450	1011	39·79	218	166
5.—DORNOCH FIRTH. 355 sq. mi.									
Tarbetness	Com'rs of N. Lighths's	8	4	0	175	695	27·36	..	128
d Bonar Bridge Station	Mr. W. MacPherson	..	..	..	..	813	31·99	207	151
6.—ENARD BAY. 78 sq. mi.									
7.—LOCH BROOM & C. 367 sq. mi.									
Braemore (Loch a' Bhraoin)	R. Matheson, Esq.	8	0	9	822	1671	65·77	..	..
d Ullapool	Dr. D. Wallace	5	1	6	75	1212	47·71	243	180
8.—LOCH EWE, LOCH TORRIDON & C. 423 sq. mi.									
d Loch Torridon (Bendamph)	Earl of Lovelace	5	1	0	20	2190	86·23	253	244
Rudh Ré Lighthouse	Com'rs of N. Lighths's	5	0	6	40	1048	41·27	220	194

DIVISION XVIII.—NORTH-WESTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days	Days
		Diam.	Height Ground.	above Sea Level.		1924	·01 in. or more.	·04 in. or more.	
ROSS & CROMARTY—(con.).		in.	ft.	in.	ft.	mm.	in.		
9.—LOCH CARRON, LOCH ALSH & C. 401 sq. mi.									
M Glen Shiel (Shiel House)	Mr. Colin Campbell	5	1	6	30	1917	75·49	..	..
d Loch Carron (Strome Ferry)	Mr. D. D. Munro	5	1	0	..	1746	68·73	250	217
d Loch Carron (Dunhulladale)	Mrs. G. J. Campbell	5	1	0	9	1812	71·33	286	218
Applecross Gardens	Mr. D. McCowan	5	1	0	70	1584	62·37	..	..
d Achnashellach	Mr. W. McClymont	5	1	0	225	2030	79·92	262	217
10.—INSULAR, OUTER HEBRIDES. 691 sq. mi.									
d Stornoway (Leurbost School)	P. Copland, Esq.	5	0	6	..	1270	50·01	292	204
Stornoway Lighthouse	Com'rs of N. Lighth's	8	4	9	20	1149	45·24?	..	..
d Stornoway	The Meteorological Office	8	1	0	52	1383	54·43	279	227
Butt of Lewis	Com'rs of N. Lighth's	8	4	6	170	917	36·10?	207	163

DIVISION XIX.—NORTHERN COUNTIES.

SUTHERLAND. (Area, 2080 sq. mi.)

1.—DORNOCH FIRTH. 413 sq. mi.								
d Lairg	A. Low, Esq.	5	1	0	330	897	35·31	193 162
2.—FLEET, BRORA & C. 309 sq. mi.								
d Golspie (Technical School)	E. W. Read, Esq.	6	1	9	100	871	34·31	.. ..
3.—HELMSDALE & C. 226 sq. mi.								
d Helmsdale	Mr. W. Stalker	5	1	0	120	701	27·60	208 175
4.—NORTH COAST STREAMS. 736 sq. mi.								
d Tongue Manse	Rev. David Lundie	5	1	0	180	1017	40·06	251 188
d Melvich Schoolhouse	A. MacIntosh Esq.	5	1	0	200	898	35·34	198 157
Cape Wrath	Com'rs of N. Lighth's	7	4	8	400	1289	50·73	.. ..
5.—LOCH LAXFORD & C. 256 sq. mi.								
d Loch More (Achfary)	Mr. J. Munro	5	1	0	137	2011	79·18	263 227
6.—ENARD BAY. 138 sq. mi.								
7.—INSULAR. 2 sq. mi.								

CAITHNESS. (Area, 696 sq. mi.)

1.—BERRIEDALE, DUNBEATH & C. 169 sq. mi.								
Clythness	Com'rs of N. Lighth's	5	1	6	116	760	29·92	177 140
2.—WICK & C. 184 sq. mi.								
d Wick (South Head C.G. Stn.)	The Meteorological Office	8	1	2	81	662	26·08	215 144
Nosshead	Com'rs of N. Lighth's	7	4	7	175	574	22·59	.. ..
3.—THURSO & C. 238 sq. mi.								
d Altnabreac	Mr. G. Strachan	5	1	0	500	782	30·80	188 176
d Thurso (Buckies)	J. H. M. Davidson, Esq.	5	0	11	240	829	32·65	219 175
Thurso (Holburn Head)	Com'rs of N. Lighth's	3	0	8	75	695	27·38	223 155
Dunnet Head	Com'rs of N. Lighth's	3	1	0	246	813	32·02	.. 159
4.—FORSS & C. 104 sq. mi.								
d Reay (The Manse)	Rev. Dugald Carmichael	8	1	0	49	854	33·61	244 175
5.—INSULAR. 1 sq. mi.								
Stroma	Com'rs of N. Lighth's	5	3	0	35	571	22·50	.. ..

DIVISION XIX.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924		Days with ·01 in. or more.		Days with ·04 in. or more.	
		Diam.	Height Ground.	above Sea Level.							
ORKNEY. (Area, 389 sq. mi.)											
		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>mm.</i>	<i>in.</i>				
Hoy (Cantickhead)	Com'rs of N. Lighths's. . . .	3	1	0	115	816	32·14	202	169		
Hoy (Graemsay Sound, High)	Com'rs of N. Lighths's. . . .	5	0	4	115	820	32·30	183	177		
Hoy (Graemsay Sound, Low)	Com'rs of N. Lighths's. . . .	8	4	3	55	910	35·82	198	174		
D Pomona (Deerness)	The Meteorological Office . .	5	4	0	161	824	32·42	253	158		
Hellyar Holm	Com'rs of N. Lighths's. . . .	3	1	0	60	843	33·18	222	175		
Shapinsay (Balfour Castle)	Mr. W. Liddell.	5	0	6	50	739	29·11	..	..
Auskerry	Com'rs of N. Lighths's. . . .	3	2	6	10	768	30·25	227	165		
Sanday (Start Point)	Com'rs of N. Lighths's. . . .	3	1	0	80	737	29·03	191	155		
Westray (Noup Head)	Com'rs of N. Lighths's. . . .	3	1	0	260	741	29·19	217	168		
Sule Skerry	Com'rs of N. Lighths's. . . .	3	0	6	113	960	37·81	..	..
SHETLAND. (Area, 558 sq. mi.)											
Fair Isle, North	Com'rs of N. Lighths's. . . .	5	4	4	230	663	26·09	204	189		
D Lerwick Observatory	The Meteorological Office . .	8	1	0	269	1064	41·88	244	178		
D Lerwick	(+A) The Meteorological Office . .	8	1	0	154	1159	45·65	238	177		
D Unst (Balta Sound, Halligarth)	Dr. T. E. Saxby	5	1	0	31	1116	43·94	287	205		

IRELAND.

DIVISION XX.—MUNSTER.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.					
		in.	ft.	in.	ft.	mm.	in.		
CORK. (Area, 2873 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 79 sq. mi.									
2.—DINGLE BAY. 4 sq. mi.									
3.—KENMARE & C. 47 sq. mi.									
4.—BANTRY BAY. 197 sq. mi.									
Bantry House	W. Stevens, Esq.	5	1	10	25	1701	66·96	229	208
d Garinish Island	T. O'Donohoe, Esq.	5	0	9	15	2137	84·13	249	223
5.—DUNMANUS BAY. 57 sq. mi.									
6.—BANDON & C. 694 sq. mi.									
d Toormore (Altar Rectory)	Rev. J. Q. Conolly	8	1	0	60	1343	52·88	243	198
d CastleTownshend (GlenBarrahane)	Capt. Sir M. P. Coghill, Bt.	5	1	3	100	1349	53·11	228	184
d CastleTownshend (Seafield) ...	Major H. Chavasse	5	0	8	40	1368	53·87	237	184
d Skibbereen (Hollybrook Farm)	Col. A. H. Morgan, D.S.O.	8	1	6	60	1601	63·01	232	202
d Caheragh (The Rectory)	Rev. A. W. Whitley	5	1	0	98	1742	68·58	227	194
d Clonakilty (Shannon Vale Ho.)	T. J. Bennett, Esq.	5	0	6	135	1358	53·46	195	165
d Drinagh Rectory	Rev. Harold Hadden	5	2	6	..	1729	68·06	257	218
d Kinsale (Scilly House)	J. J. Orr, Esq., M.D.	5	1	0	62	1227	48·30	215	166
d Dunmanway (The Rectory) ...	Rev. Canon A. Wilson ...	5	1	6	205	1755	69·09	248	211
d Enniskean (Kilcoleman)	Miss E. Longfield	5	2	6	180	1573	61·95	206	174
Enniskean (Desertserges Rect.)	F. W. Dobbin, Esq., M.D.	5	1	6	126	1562	61·51	220	179
7.—CORK HARBOUR. 726 sq. mi.									
d Ballinageary (Inchibeg)	H. N. Walsh, Esq.	5	1	0	400	2418	95·19	..	..
d Cork (University College)	(+A) H. N. Walsh, Esq.	5	1	0	65	1310	51·56	225	176
d Cork (Wellington Road)	R. C. Sikes, Esq., C.E. ...	5	2	2	120	1329	52·31	228	176
d Middleton (Ballinacurra)	J. H. Bennett, Esq.	8	0	8	25	1186	46·71	220	172
d Glanmire (Lota Lodge)	A. F. Sharman-Crawford Esq ..	5	1	0	200	1389	54·68	228	186
d Dripsey Woollen Mills	H. N. Walsh, Esq.	5	1	0	250	1282	50·49	..	..
8. WOMANAGH & C. 118 sq. mi.									
d Roches Point	The Meteorological Office ..	8	1	0	33	1304	51·33	240	167
d Shanagarry (Kinoith)	Miss L. P. Strangman	5	1	0	75	1080	42·51	..	156
9.—BLACKWATER. 922 sq. mi.									
d Mallow (Longueville)	R. E. Longfield, Esq.	5	1	0	310	1181	46·50	265	179
Kanturk (Castlecarr)	Mrs. Norton Barry .....	..	..	..	..	1175	46·25	257	194
10.—SUIR. 3 sq. mi.									
11.—INSULAR. 26 sq. mi.									
KERRY. (Area, 1851 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 372 sq. mi.									
2.—TRALEE BAY & C. 221 sq. mi.									
Castlegregory (Kilgobbin Rec.)	Rev. E. A. Hackett	5	4	0	30	1920	75·59	..	..
3.—DINGLE BAY. 789 sq. mi.									
M Cahirciveen Water Works	The Meteorological Office ..	5	0	11	420	1923	75·71	..	..
d Cahirciveen (Valencia Obs.) ..	(+A) The Meteorological Office ..	8	1	0	30	1580	62·20	261	213
d Gap of Dunloe (Gearahameen) ..	The Meteorological Office ..	8	3	0	75	2352	92·60	..	..
d Killarney (District Asylum) ...	E. W. Griffin, Esq., M.D.	5	1	2	173	1515	59·66	267	214
Killorglin (Callinafercy)	Maj. M. R. Leeson-Marshall ..	5	2	0	30	1431	56·34	..	216

DIVISION XX.—MUNSTER—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
KERRY—(con.).		in.	ft.	in.	ft.	mm.	in.		
4.—KENMARE & C. 426 sq. mi.									
D Darrynane Abbey	Miss M. O'Connell	5	1	0	13	1306	51·41?	268	201
D Kenmare (Dromore Castle)	Lt.-Col. E. Hood	5	1	4	90	2074	81·66	276	246
D Kenmare (Sheen Falls)	Earl of Kerry	5	0	5	25	2032	79·99	263	238
5.—BLACKWATER. 30 sq. mi.									
6.—INSULAR. 13 sq. mi.									
WATERFORD. (Area, 715 sq. mi.)									
1.—BLACKWATER. 243 sq. mi.									
Cappoquin (Mt. Melleray Abbey)	Irish Rainfall Association	5	1	0	760	1643	64·69	..	..
2.—COLLIGAN & C. 259 sq. mi.									
3.—SUIR. 213 sq. mi.									
D Knockaderry Reservoir.. No. 1	J. J. Fleming, Esq., C.E...	5	7	7	247	1297	51·05	238	158
D Waterford (Brook Lodge)	Miss Bolton	5	1	0	104	1265	49·81	214	173
D Waterford (Tycor Waterworks)	J. J. Fleming, Esq., C.E...	5	0	7	171	1214	47·79	..	172
D Waterford (Gortmore)	Mrs. N. H. White	5	1	2	137	1261	49·66	225	161
D Portlaw (Mayfield)	M. Shechan, Esq.*	5	2	0	25	1426	56·13	196	161
D Portlaw (Curraghmore Gdns.)	Mr. W. H. Arrowsmith*	5	1	0	95	1577	62·07	206	180
D Carrick-on-Suir (Seskin)	J. Ernest Grubb, Esq.	8	1	0	542	1407	55·38	245	167
TIPPERARY. (Area, 1660 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 582 sq. mi.									
Cappaghwhite (Greenfields Stud)	Mr. P. Schofield*	5	1	9	350	1090	42·93	..	..
D Nenagh (Traverston)	Miss A. H. Norris	5	1	0	333	1283	50·50	301	211
D Killaloe (Ballina)	Office of Public Works*	5	2	0	126	1350	53·16	251	205
D Nenagh (St. Mary's Rectory)	Rev. Canon C. W. McDowell	5	1	0	180	1060	41·72	242	179
D Nenagh (Castle Lough)	S. Parker-Hutchinson, Esq.	5	1	3	120	1215	47·82	259	194
D Terryglass (Old Court)	M. D. Hickie, Esq.	5	1	0	150	1103	43·42	262	187
D Terryglass (Slevoyre)	Gen. Sir W. B. Hickie, K.C.B.	8	1	0	143	993	39·10	252	183
2.—BLACKWATER. 21 sq. mi.									
3.—SUIR. 965 sq. mi.									
Clonmel (Coolgreany)	Mrs. J. Crean*	8	1	0	100	1237	48·71	..	..
D Cahir (Abbey)	Mrs. W. Rochfort	5	1	0	160	1219	48·00	233	186
D Tipperary (Friarsfield)	Edward Ensor, Esq.	5	1	0	333	1196	47·09	225	180
D Fethard (Coolmore)	Miss Murphy	5	1	0	347	1157	45·56	236	183
D Cashel (Ballinamona)	E. W. M. Murphy, Esq.	5	1	0	262	1126	44·33	256	177
D Cashel (Ballyowen House)	F. H. McCan*	5	1	0	485	1074	42·30	220	172
Thurles (Brittas Castle)	Mrs. Knox*	6	1	0	360	1030	40·56	..	..
Templemore (Barnane)	Capt. A. Carden, R.A.	5	1	0	650	1347	55·03	..	198
4.—BARROW—More. 92 sq. mi.									
D Roscrea (Timoney Park)	S. Parker-Hutchinson, Esq.	5	1	0	485	1156	45·52	246	190
LIMERICK. (Area, 1040 sq. mi.)									
1.—SHANNON—Right Bank Tributaries. 7 sq. mi.									

* Per Irish Rainfall Association.

DIVISION XX.—MUNSTER—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.		1924			
LIMERICK—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—SHANNON—Left Bank Tributaries. 944 sq. mi.									
	Abbeyfeale (Springmount Sch.) . J. F. O'Kelly, Esq.....	5	1	0	360	1252	49·30	..	..
D	Knocklong (Kilfrush) .....F. J. B. Gubbins, Esq.....	5	1	0	312	1125	44·29	233	198
	Glin (Shannon Lawn) .....C. V. Hickie, Esq.	4	3	6	20	1228	48·33	..	..
D	Foynes (Coolnanes) .....Lord Monteagle	5	1	0	50	1153	45·39	273	204
d	Foynes (National School) .....W. Purtil, Esq.....	5	2	8	15	1214	47·78	244	204
	Limerick (O'Connell Street) ...R. Davison, Esq., C.E.....	5	1	0	51	1146	45·11	228	186
D	Limerick (Mulgrave Street) ....Messrs. W. J. Shaw & Sons	5	1	1	60	1135	44·67	248	195
	Limerick (Strand) .....W. J. C. Horne, Esq.....	5	1	0	50	1165	45·85	249	182
D	Glenstal Castle.....Sir Charles Barrington, Bt.	8	1	0	400	1351	53·19	227	202
D	Castleconnell Rectory .....Rev. L. G. Davis	5	1	0	88	1351	53·20	247	202

3.—BLACKWATER. 64 sq. mi.**4.—SUIR. 25 sq. mi.**

CLARE. (Area, 1270 sq. mi.)

1.—GALWAY BAY, SOUTH. 100 sq. mi.**2.—MAL BAY & C. 294 sq. mi.**

d Inagh (Mount Callan)	Lt.-Col. F. Tottenham	5	1	0	479	1836	72·28	252 233
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3.—SHANNON—Right Bank Tributaries. 854 sq. mi.

Dromoland Castle	Lord Inchiquin	5	1	6	25	1168	46·00	242 197
d Broadford (Hurdlestown)	Lt.-Col. W. A. Bentley	5	1	0	167	1476	58·10	259 213
d Tomgraney (Raheen Ho.)	E. MacLysaght, Esq.*	..	..	..	..	1504	59·21	254 200

4.—INSULAR. 22 sq. mi.

DIVISION XXI.—LEINSTER.

WEXFORD. (Area, 902 sq. mi.)

1.—BARROW. 43 sq. mi.**2.—OWENDUFF & C. 240 sq. mi.**

d Foulkesmill (Longraigue)	Miss J. Deane	5	1	1	220	1318	51·90	..
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3.—SLANEY & C. 467 sq. mi.

Johnstown Castle	Lady Maurice Fitzgerald	5	1	0	201	1180	46·46	.. 149
Enniscorthy (Monksgrange)	Goddard H. Orpen, Esq.	5	1	0	565	1567	61·68	224 194
Enniscorthy (Woodbrook)	E. C. Blacker, Esq.	5	1	0	360	1592	62·69	223 ..
d Newtownbarry (Weston)	G. T. Lewis, Esq.	5	1	0	153	1343	52·86	211 165

4.—OWENAVORRAGH & C. 146 sq. mi.

d Gorey (Courtown House)	Earl of Courtown	5	3	0	60	1117	43·97	203 152
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5.—OVOGA & C. 6 sq. mi.

KILKENNY. (Area, 798 sq. mi.)

1.—SUIR. 162 sq. mi.

d Piltown (Bessborough)	Mr. T. E. Tomalin	8	3	7	60	1309	51·52	231 179
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* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground.	above Sea Level.		1924			
KILKENNY—(con.).		in.	ft.	in.	ft.	mm.	in.		
2.—BARROW—More. 527 sq. mi.									
d Inistioge (Woodstock Gardens)	Mrs. Tighe	5	1	0	400	1236	48·66	..	..
d Thomastown (Mount Juliet) (R)	Mr. E. Sutton	8	3	0	150	1308	51·50	230	172
Kilkenny (Lavistown House)	..Miss F. E. Butler	5	2	5	170	1000	39·36	214	169
d Kilkenny Castle	..Earl of Ossory	8	1	6	194	1051	41·39	238	168
d Castlecomer House	..Capt R. H. Prior-Wandesforde	5	1	0	380	1261	49·63	236	185
3.—BARROW. 109 sq. mi.									
Goresbridge (Barraghscore House)	H. de M. Fleming, Esq.*	5	1	0	130	1037	40·82	208	..
WICKLOW. (Area, 781 sq. mi.)									
1.—BARROW. 12 sq. mi.									
2.—SLANEY. 200 sq. mi.									
d Shillelagh (Coollattin Gardens)	F. W. Cox, Esq.	5	0	9	383	1282	50·46	224	188
3.—OVOCA & C. 241 sq. mi.									
d Arklow Rectory	..H. W. Strong, Esq.	5	3	6	186	1096	43·15	218	161
Rathdrum (Avondale)	..A. C. Forbes, Esq.	5	0	6	420	1283	50·50?	..	..
4.—VARTRY & C. 193 sq. mi.									
d Rathnew (Clonmannon)	..Rev. W. H. A. Truell	5	1	6	27	1024	40·33	209	157
Roundwood (Vartry Lodge)	..Dublin Corporation *	5	1	8	720	1270	50·00	219	..
Roundwood (Knockatemple)	..Dublin Corporation *	5	1	8	760	1268	49·91	228	..
Roundwood	..Dublin Corporation *	5	1	8	800	1280	50·41	230	..
d Newcastle (Killadreenan)	..C. Denys Hanan, Esq., M.D.	8	1	2	256	1125	44·30	207	153
Tithewer	..Dublin Corporation *	5	1	6	1000	1226	48·28	215	..
Annacarter Schoolhouse	..Dublin Corporation *	5	1	6	750	1215	47·83	214	..
d Greystones (Rathdown)	..Miss L. Armstrong	5	0	6	160	1103	43·42	206	149
d Enniskerry (Kilgarron)	..A. E. Chatterton, Esq.	5	0	9	400	1200	47·24	211	171
5.—LIFFEY & C. 135 sq. mi.									
CARLOW. (Area, 346 sq. mi.)									
1.—BARROW—More. 9 sq. mi.									
2.—BARROW. 216 sq. mi.									
Bagnalstown (Fenagh House)	..D. R. P. Beresford, Esq. O.B.E.	5	1	0	340	1136	44·72	231	170
Carlow (Browne's Hill)	..Brig. Gen. R. Browne Clayton	5	1	0	291	1071	42·17	..	..
3.—SLANEY. 121 sq. mi.									
d Rathvilly (Lisnavagh Gardens)	..C. E. Faulkner, Esq.	5	4	0	400	1283	50·51	270	196
d Hacketstown Rectory	..Rev. C. S. S. Ellison	5	1	2	590	1246	49·05	251	186
QUEEN'S COUNTY. (Area, 664 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 25 sq. mi.									
2.—BARROW—More. 339 sq. mi.									
d Abbey Leix (Blandsfort)	..H. Bland, Esq.	5	2	6	532	1152	45·37	231	177
d Mountrath (Baureigh)	..P. Barry, Esq.	5	1	0	810	1378	73·92	308	254
3.—BARROW. 300 sq. mi.									
Carlow (Sunnyside)	..E. Shackleton, Esq.	5	1	0	178	1102	43·38	224	171
d Maryborough (Clonreher)	..G. N. Jessop, Esq.	5	1	0	350	937	36·88	..	..
d Mountmellick (Summer Grove)	..W. A. Robinson, Esq.	5	1	0	252	1193	46·97	231	191
KING'S COUNTY. (Area, 772 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 560 sq. mi.									
d Birr Castle	..Earl of Rosse	8	1	0	175	1086	42·76	250	185
d Kinnitty (Moneyguynen Ho.)	..W. Conway, Esq.	..	..	..	300	1099	43·25	249	196

* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground.	above Sea Level.		1924			
KING'S COUNTY—(con.).		in.	ft.	in.	ft.	mm.	in.		
1.—SHANNON—Left Bank Tributaries—(con.).									
d Meelick (Victoria Lock)	Office of Public Works . . .	5	2	0	121	1002	39·46	243	177
d Tullamore (Rathrobin)	J. Bracken, Esq.*	5	1	0	400	1109	43·67	226	..
d Tullamore (St. Catherine's Rect.) . . .	The Very Rev. R. S. Craig . . .	5	1	3	201	997	39·27	238	182
d Tullamore (St. Vincent's Hosp.) . . .	Dr. G. A. Moorhead	5	1	0	225	1027	40·44	275	184
d Ferbane (Turraun Peat Works) . . .	Leinster Carbonizing Co. Ltd. .	8	1	2	165	1047	41·22	212	179
d Ballycumber (Bellair Ho.)	Mrs. F. B. Mulock	5	..	..	290	1143	45·01	238	184
2.—BARROW—More. 5 sq. mi.									
3.—BARROW. 156 sq. mi.									
d Edenderry (Tubberdaly Ho.) . . .	J. Murphy, Esq.*	5	1	0	330	1059	41·68	..	195
4.—BOYNE. 51 sq. mi.									
KILDARE. (Area, 654 sq. mi.)									
1.—BARROW. 332 sq. mi.									
2.—LIFFEY. 246 sq. mi.									
d Straffan House	John Kane, Esq.	5	1	6	256	1083	42·62	225	179
d Clongowes Wood College	The Principal	8	1	0	246	969	38·14	..	..
3.—BOYNE. 76 sq. mi.									
DUBLIN. (Area, 354 sq. mi.)									
1.—VARTRY & C. 23 sq. mi.									
d Shankill (Sherrington)	Lt. Col. J. C. W. Erck . . .	5	1	0	115	961	37·84	184	141
d Carrickmines (Claremount)	John Read, Esq.	5	0	11	300	900	35·43	..	142
2.—LIFFEY & C. 188 sq. mi.									
d Glen-na-Smoel (Rathmines WW) . . .	W. H. Lambert, Esq., . . .	5	1	0	510	1041	41·00	242	183
d Ballyboden (Rathmines W. W.) . . .	W. H. Lambert, Esq., . . .	5	1	0	344	977	38·47	217	150
d Stillorgan (Farmleigh)	T. Jackson, Esq.	5	1	1	220	949	37·35	240	164
d Kingstown (Harbour Yard)	Office of Public Works . . .	8	1	0	52	992	39·05	..	143
d Rathfarnham Castle	Rev. R. Doyle	8	1	0	175	804	31·65	191	154
d Belgard Castle	Capt. A. F. Maude	5	1	6	400	821	32·33	188	156
d Monkstown (Pakenham Road) . . .	Rev. J. W. Dunlea	5	0	10	45	923	36·36	..	..
d Rathmines (Neville Road)	T. H. Mason, Esq.	5	6	0	100	816	32·11	196	161
d Harold's Cross (Westfield Park) . .	F. P. Dixon, Esq., C.E. . . .	5	1	6	125	739	29·10	198	149
d Harold's Cross (Pretoria Terrace) .	E. H. Cannon, Esq.	5	0	11	155	757	29·81	216	153
d Donnybrook (Belmont Avenue) . . .	Douglas Waring, Esq. . . .	5	0	9	100	891	35·07	200	149
d Donnybrook (Anglesea Road) . . .	F. C. D. Joynt, Esq.	5	1	0	30	883	34·75	199	156
d Dublin (FitzWilliam Square) . . .	Sir J. W. Moore, M.D. . . .	8	1	6	54	802	31·58	209	154
d Dublin (Suffolk St.)	Messrs. Dixon & Hempenstall†	..	..	..	..	814	32·04	246	..
d Dublin (Trinity College)	Prof. W. E. Thrift	8	1	0	13	814	32·04	209	153
d Dublin (Phoenix Park)	Ordnance Survey Office . .	8	1	0	156	851	33·51	219	162
d Glasnevin (Roy. Botanic Gdns.) . .	Sir F. W. Moore	8	2	0	55	861	33·91	245	164
d Howth Castle	J. Gaisford St. Lawrence, Esq.	5	1	9	35	871	34·27	200	155
3.—NANNY, DELVIN & C. 142 sq. mi.									
d Malahide (Seamount)	J. G. Jameson, Esq.	5	1	0	150	890	35·05	200	173
d Malahide (Broadmeadow)	A. J. Neill, Esq.	5	1	6	15	850	33·48	193	154
d Lusk (Nevitt)	W. Monks, Esq.	5	1	0	139	895	35·25	226	158
d Skerries (Milverton Hall)	Capt. E. G. Woods	5	1	6	190	879	34·60	201	159
d Balbriggan (Ardgillan)	No. 1 Capt. E. R. Taylor . . .	5	1	0	211	928	36·54	215	160
4.—INSULAR. 1 sq. mi.									
d Lambay Island	Hon. Cecil Baring	5	1	0	20	917	36·10	190	158

* Per Irish Rainfall Association. † Per "Irish Independent."

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground.	above Sea Level.		1924			
MEATH. (Area 909 sq. mi.)			in.	ft.	in.	ft.	mm.	in.	
1.—SHANNON—Left Bank Tributaries. 32 sq. mi.									
2.—LIFFEY & C. 72 sq. mi.									
D Dunboyne (Stirling, Clonee) ...	Mr. J. Pilkington	8	1	0	231		1093	43·03	220 182
3.—NANNY, DELVIN & C. 150 sq. mi.									
4.—BOYNE. 560 sq. mi.									
D Summerhill House	Mr. W. Lauder	5	1	0	372		1108	43·61	207 174
Dunsany Castle Gardens	Mr. J. B. Pow	5	1	0	323		1157	45·53	246 181
Athboy (Frankville)	Mrs. C. Coghill	8	1	3	227		1141	44·93	221 189
D Navan (Staffordstown)	R. J. Butler, Esq.	5	1	0	250		1044	41·12	225 177
D Drogheda (Morningson)	W. Brydon Hill, Esq.	5	1	6	60		886	34·89	216 151
D Kells (Headfort)	The Marquis of Headfort	8	0	8	227		1090	42·92	233 173
5.—DUNDALK BAY. 95 sq. mi.									
WESTMEATH. (Area, 712 sq. mi.)									
1.—SHANNON—Left Bank Tributaries. 517 sq. mi.									
D Athlone	Office of Public Works	5	2	0	132		883	32·81?	218 159
Athlone (Twyford House)	J. P. Hodson, Esq.*	5	1	0	187		1243	48·93	.. ..
D Streamstown (Windmill)	F. W. Jeeves, Esq.	5	1	6	..		1187	46·73	236 188
D Moate (Coolatore)	H. A. S. Upton, Esq.	5	1	6	369		1057	41·60	244 183
D Mullingar (Belvedere House)	Mr. J. Bayliss	5	1	0	367		1168	45·98	227 179
D Mullingar (Ballynegall Gardens)	Major Hawkesworth Smyth	5	2	0	340		1233	48·54	244 190
D Rathowen (Cromlyn)	(R) Maj.-Gen. J. P. Battersby, CB	8	1	6	298		1264	49·78	249 198
D Castlepollard (Gillardstown Ho.)	W. Hardy, Esq.	5	1	0	290		1157	45·55	213 191
D Castlepollard (Pakenham Hall)	Mr. W. Allan	5	1	6	300		1289	50·74	242 205
2.—BOYNE. 195 sq. mi.									
LOUTH. (Area, 316 sq. mi.)									
1.—BOYNE. 32 sq. mi.									
2.—DUNDALK BAY & C. 264 sq. mi.									
Dundalk (Ballymacallet)	M. Sellars, Esq., C.E.	5	2	3	207		1159	45·65	.. ..
Dundalk (Aughneskea Res.)	M. Sellars, Esq., C.E.	5	1	3	670		1206	47·48	.. ..
3.—CARLINGFORD LOUGH. 20 sq. mi.									
Greenore	T. Chambers, Esq., C.E.	5	1	0	20		1072	42·41	203 ..
LONGFORD. (Area, 424 sq. mi.)									
1.—ERNE. 61 sq. mi.									
2.—SHANNON—Left Bank Tributaries. 363 sq. mi.									
D Ballymahon (New Castle)	Lt.-Col. W. A. King-Harman	5	2	5	200		1229	48·37	253 204
Longford (The Rectory)	Rev. H. Justice	5	1	0	185		1259	49·58	239 196
D Cloondraha	Office of Public Works	5	2	0	132		873	34·36?	250 165
D Castle Forbes Gardens	The Earl of Granard	8	1	0	161		1190	46·83	253 198

DIVISION XXII.—CONNAUGHT.

GALWAY. (Area 2377 sq. mi.)

1.—ERIFF & C. 141 sq. mi.**2.—GALWAY BAY NORTH. 277 sq. mi.**

* Per Irish Rainfall Association.

DIVISION XXII.—CONNAUGHT—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain.		Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam. in.	Height ft.	above Sea Level. in. ft.	1924 mm. in.				
GALWAY—(con.).									
3.—CORRIB. 846 sq. mi.									
D Ballynahinch Castle.....	R. Berridge, Esq.	5	1	9 41	2097	82·57	305	263	
Tuam (Gardenfield)	R. J. Kirwan, Esq., C.E. .	5	1	0 155	1246	49·04	..	..
4.—GALWAY BAY, SOUTH. 281 sq. mi.									
5.—SHANNON—Right Bank Tributaries. 803 sq. mi.									
Killimor (Ramore).....	Miss N. Macdermott.....	5	1	0 220	1134	44·63	..	190	
Ahascragh (Clonbrock).....	The Lord Clonbrock*	10	5	6 198	1311	51·61	..	..
6.—INSULAR. 29 sq. mi.									
ROSCOMMON. (Area, 961 sq. mi.)									
1.—SLIGO BAY. 6 sq. mi.									
2.—MOY. 11 sq. mi.									
3.—CORRIB. 16 sq. mi.									
4.—SHANNON—Right Bank Tributaries. 928 sq. mi.									
D Strokestown (Castlenode)	W. J. Walpole, Esq.	5	1	0 160	1170	46·08	201	182	
D Jamestown (Albert Lock)	Office of Public Works ...	5	2	0 146	720	28·367	213	159	
MAYO. (Area, 2149 sq. mi.)									
1.—SLIGO BAY. 10 sq. mi.									
2.—MOY & C. 797 sq. mi.									
d Castlebar Rectory	Rev. J. Jackson.....	5	1	8 145	1486	58·49	..	..
Swinford Rectory	Rev. F. T. Cockle.....	5	1	3 160	1436	56·52	255	211	
d Ballina (Mount Falcon)	Capt. U. A. F. Knox.....	12	3	6 63	1475	58·06	..	..
3.—BLACKSOD BAY & C. 411 sq. mi.									
4.—CLEW BAY. 254 sq. mi.									
D Westport House	The Marquess of Sligo	5	1	0 35	1399	55·03	276	212	
D Mallarany	M. C. Forbes, Esq.....	5	1	6 120	1984	78·09	239	231	
5.—ERIFF & C. 121 sq. mi.									
D Aasleagh House	The Marquess of Sligo	5	1	0 30	2989	117·69	292	255	
D Delphi Lodge	The Marquess of Sligo	5	1	0 110	3027	119·16	280	260	
6.—CORRIB. 432 sq. mi.									
Ballinrobe (Creagh House).....	H. H. C. Knox, Esq.....	5	1	0 103	1604	63·14	..	..
7.—SHANNON—Right Bank Tributaries. 35 sq. mi.									
8.—INSULAR. 89 sq. mi.									
SLIGO. (Area, 716 sq. mi.)									
1.—DROWES & C. 49 sq. mi.									
2.—SLIGO BAY. 444 sq. mi.									
D Collooney (Markree Obsy.)	J. R. Armstrong, Esq.	5	1	0 122	1505	59·26	269	228	
D Sligo (Ard-na-veagh)	R. J. Kirwan, Esq., C.E....	5	1	0 90	1392	54·79	270	217	
3.—MOY & C. 166 sq. mi.									
4.—SHANNON—Right Bank Tributaries. 56 sq. mi.									
5.—INSULAR. 1 sq. mi.									

*Per Irish Rainfall Association.

DIVISION XXII.—CONNAUGHT—(con.).

STATIONS.	AUTHORITIES.	Rain Gauge.			Depth of Rain. 1924		Days with ·01 in. or more.	Days with ·04 in. or more.	
		Diam.	Height Ground	above Sea Level.					
LEITRIM. (Area, 615 sq. mi.)		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>mm.</i>	<i>in.</i>		
1.—ERNE. 152 sq. mi.									
2.—DROWES & C. 85 sq. mi.									
3.—SLIGO BAY. 135 sq. mi.									
4.—SHANNON—Right Bank Tributaries. 47 sq. mi.									
5.—SHANNON—Left Bank Tributaries. 196 sq. mi.									
D Ruskey	Office of Public Works ...	5	2	0	141	801	31·53	224	172
D Drumshanbo (Lough Allen Sluice)	Office of Public Works....	5	2	0	169	1031	40·57	243	189

DIVISION XXIII.—ULSTER.

CAVAN. (Area, 753 sq. mi.)									
1.—ERNE. 489 sq. mi.									
D Crossdoney (Kevit Castle)	F. P. Smith, Esq.	4	2	0	211	1164	45·81	249	191
D Killeshandra (Castle Hamilton)	Major W. J. Hamilton	5	1	0	300	1117	43·98	231	187
D Ballyhaise (Agricultural Stn.) ..	J. M. J. Duke, Esq.	5	1	0	206	1157	45·57	256	197
D Belturbet (Cloverhill)	late Mrs. Sanderson	5	1	0	202	1063	41·86	238	188
2.—SHANNON—Right Bank Tributaries. 34 sq. mi.									
3.—SHANNON—Left Bank Tributaries. 91 sq. mi.									
4.—BOYNE. 122 sq. mi.									
5.—DUNDALK BAY. 17 sq. mi.									
FERMANAGH. (Area, 713 sq. mi.)									
1.—ERNE. 667 sq. mi.									
Enniskillen (Florence Court)	Robt. Hanna, Esq.*	5	1	5	169	1380	54·32	..	..
D Enniskillen (Portora School) ..	W. N. Tetley, Esq.	5	1	0	251	1199	47·20	..	..
Belleek (Heronshaw)	T. Beacom, Esq.	5	1	2	150	1397	55·00	237	218
2.—DROWES & C. 46 sq. mi.									
MONAGHAN. (Area, 498 sq. mi.)									
1.—ERNE. 208 sq. mi.									
2.—DUNDALK BAY. 132 sq. mi.									
3.—BANN—Lough Neagh, West. 158 sq. mi.									
D Monaghan (Workhouse)	Dr. J. Campbell Hall	5	1	0	240	1145	45·07	..	185
ARMAGH. (Area, 514 sq. mi.)									
1.—DUNDALK BAY. 118 sq. mi.									
Crossmaglen (Anamar)	P. Norris, Esq.,	5	1	7	384	1137	44·76	..	164
2.—CARLINGFORD LOUGH. 23 sq. mi.									
D Bessbrook (The Woodhouse) ..	J. S. W. Richardson, Esq.	5	1	0	260	1159	45·65	234	181
3.—BANN—Lough Neagh, East. 37 sq. mi.									
D Lurgan (Belle Vue)	S. A. Bell, Esq.	5	0	5	200	912	35·89	226	171
4.—BANN, UPPER. 144 sq. mi.									
D Tanderagee (The Square)	Dr. J. J. Taylor	5	1	6	198	1094	43·07	..	..
5.—BANN—Lough Neagh, West. 192 sq. mi.									
D Armagh Observatory	(+A) The Meteorological Office	8	1	0	204	976	38·42	231	176
D Richhill (Sandymount)	Mrs. C. B. Lamb	5	1	6	200	884	34·79	225	180

* Per Irish Rainfall Association.

STATIONS.	AUTHORITIES.	Rain Gauge.				Depth of Rain. 1924	Days with ·01 in. or more.	Days with ·04 in. or more.
		Diam.	Height Ground	above Sea Level.				
DOWN. (Area, 961 sq. mi.)		in.	ft.	in.	ft.	mm.	in.	
1.—CARLINGFORD LOUGH. 104 sq. mi.								
Warrenpoint (Clonallon)	Lt.-Col. A. W. Mansergh ..	5	1	3	15	1162	45·75	227 181
Newry (Bridge Street House) ..	C. Blaney, Esq.	5	1	0	23	1239	48·79	210 174
2.—DUNDRUM BAY & C. 173 sq. mi.								
Annalong (Belfast W.W.)	C. F. Wheeler, Esq., C.E. ...	5	2	9	435	1417	55·79	187 171
Mourne Mount's (Fofanny Res.)	J. H. H. Swiney, Esq., C.E. ...	5	1	0	938	1645	64·76	212 182
Seaforde	W. Allan, Esq.	8	0	5	180	1340	52·77	226 201
3.—STRANGFORD LOUGH. 260 sq. mi.								
Saintfield House	Rev. E. H. Blackwood-Price	5	0	9	300	1142	44·95	238 188
Newtownards (Scrabo Hill) ...	Newtownards U.D.C.	1	6	540	1007	39·65	210 184
4.—COAST STREAMS. 47 sq. mi.								
Donaghadee (Coastguard Stat.).	The Meteorological Office ..	8	1	0	85	885	34·87	224 167
Donaghadee (Craigmore)	Dr. S. B. Coates	5	1	0	60	929	36·56	235 161
5.—BELFAST LOUGH. 206 sq. mi.								
Waringstown (The Forge)	W. J. Gibson, Esq.	5	1	0	187	995	39·17	237 177
Waringstown (The Forge)	W. J. Gibson, Esq.	3	4	5	188	957	37·66	237 ..
Waringstown (The Forge)	W. J. Gibson, Esq.	8	0	8	184	1014	39·93	237 ..
Bangor (Chorlton)	C. T. Ingold, Esq.	7	0	11	67	1006	39·62
6.—BANN—Lough Neagh, East. 7 sq. mi.								
7.—BANN, UPPER. 162 sq. mi.								
Banbridge (Observatory)	Mr. H. D. Fleming	5	1	6	210	954	37·57	243 181
Banbridge (Milltown)	J. E. Kennedy, Esq.	5	1	0	200	918	36·13	232 183
Banbridge (Millbank)	Miss C. F. Firth	5	1	0	257	981	38·61	231 190
Portadown (Moyallon House) ..	Mr. J. Lynas	5	0	5	130	1123	44·22	244 184
8.—INSULAR. 2 sq. mi.								
ANTRIM. (Area, 1193 sq. mi.)								
1.—BELFAST LOUGH. 107 sq. mi.								
Lisburn (Ulster Provincial Sch.)	J. Woolman, Esq.	5	1	6	208	1285	50·60	244 194
Belfast (Queen's University) ..	J. A. Badger, Esq.	5	1	0	62	1117	43·96	225 175
Belfast (Cave Hill Road)	Miss C. Firth	5	1	0	200	1227	48·30	277 201
Belfast (Sewage Outfall Wks.) (R)	H. A. Cutler, Esq., C.E. ...	8	3	0	26	1009	39·72	227 176
Belfast (Oldpark Filters)	C. F. Wheeler, Esq., C.E. ...	5	3	6	203	1243	48·92	224 179
Whiteabbey (Knockinagh)	H. Chisholm, Esq.	5	1	0	200	1048	41·27	236 181
Carrickfergus (Dorisland)	C. F. Wheeler, Esq., C.E. ...	5	3	0	250	994	39·12	222 173
Carrickfergus (South Woodburn)	C. F. Wheeler, Esq., C.E. ...	5	3	0	640	1246	49·04	241 197
Carrickfergus (North Woodburn)	C. F. Wheeler, Esq., C.E. ...	5	3	0	737	1232	48·49	242 192
Carrickfergus (Copeland)	C. F. Wheeler, Esq., C.E. ...	5	3	0	424	990	38·99	219 169
Carrickfergus (Lough Mourne)	C. F. Wheeler, Esq., C.E. ...	5	3	0	596	1144	45·05	223 179
2.—GLENARM & C. 186 sq. mi.								
Larne (Sallagh Springs)	J. H. H. Swiney, Esq. C.E. ...	5	1	0	566	1384	54·48	246 214
Glenarm Castle	Mr. T. Daly	5	1	0	70	1219	47·99	237 192
3.—BUSH & C. 193 sq. mi.								
Ballycastle (Magherintemple) ..	R. Casement, Esq.	5	1	7	220	1123	44·23	.. 189
Ballycastle (Sheskburn)	Rev. E. F. Campbell	5	0	11	10	1074	42·29	260 202
4.—BANN, LOWER. 112 sq. mi.								
5.—BANN—Lough Neagh, East. 590 sq. mi.								
Stonyford (Belfast W.W.)	C. F. Wheeler, Esq., C.E. ...	5	1	6	437	1013	39·88	205 179
Ballymena (Harryville)	J. R. Williams, Esq.	5	1	5	150	1233	48·54	262 224
Broughshane (Quolie)	H. O'Hara, Esq., C.E.	5	1	3	864	1217	47·927	264 208
6.—INSULAR. 5 sq. mi.								

[illegible]

BRITISH RAINFALL 1924.

PART IV.

THE UNPRECEDENTED RAINFALL AT CANNINGTON, AUGUST 18th, 1924.

By J. GLASSPOOLE, M.Sc., Ph.D.

The rainfall of the night of August 18th to 19th, was unique in many respects. One of the outstanding features was the small area involved. More than 4 inches occurred in the one rainfall day* over an area of less than 13 square miles. Out of the 125 counties in the British Isles only 26 have on the average one rain-gauge in 13 square miles. Many local falls must therefore go unrecorded. It is all the more satisfactory to find that in the present instance there was a rain-gauge in the central portion of the rain area, where more than 9 inches of rain fell. There were in addition a number of other regular observers of rainfall in the locality.

All the stations making general climatological observations or fitted with self-recording rain-gauges were unfortunately outside the area of heavy rain.

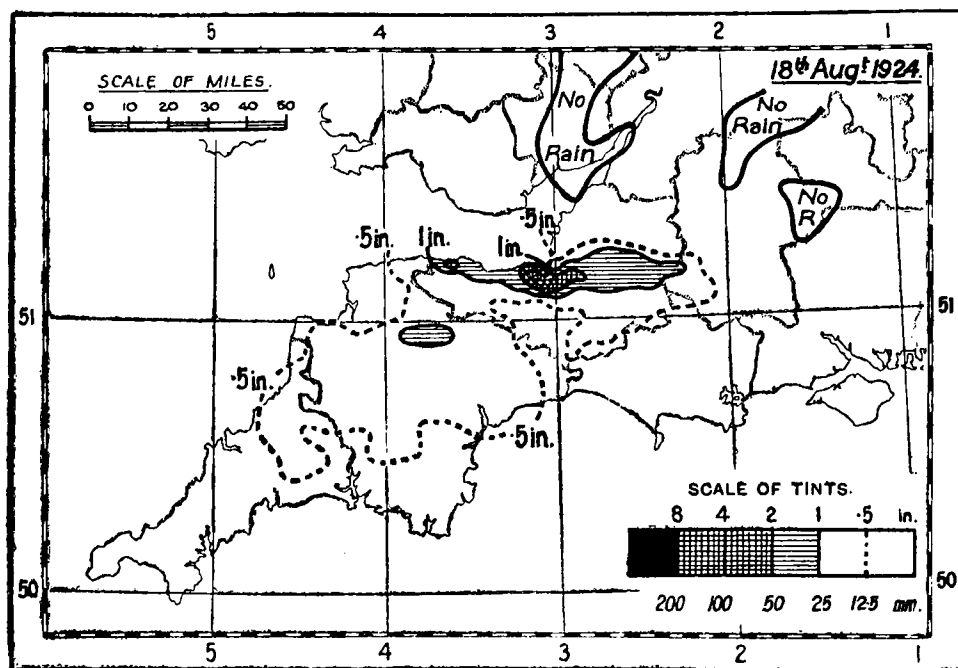


FIG. 1.

The area of heavy rainfall, which reached nine inches locally near Cannington in Somerset, is defined more clearly in Fig. 2.

A visit to the area was authorised by the Director of Meteorological Office. This took place on September 16th to 18th, and it enabled me to amplify the data by comparing the damage at various

* The rainfall day covers the 24 hours beginning at 9h. on day of entry.

places. It has thus been possible to construct a map (Fig. 1) showing the probable fall of the rainfall day, August 18th. The region of exceptional fall was confined to a small area to the east of the Quantock Hills, stretching from Bridgwater to the coast. Heavy rain also fell to the east of the River Parrett on the Polden Hills.

The General Meteorological Situation.

Maps are prepared regularly in the Meteorological Office showing the distribution of pressure and of temperature over Western Europe at 1h., 7h., 13h. and 18h.* each day. On the evening of the 18th August a depression was situated over the northern part of the North Sea, the centre of the depression having previously passed across Wales and Northern England. During the following twenty-four hours it showed little change of position and although the pressure in the central part of the system fluctuated somewhat, the depression on the whole was filling up. A westerly current of moderate strength prevailed over the southern counties of England. This current was of polar origin and unstable, thunderstorms during both the 18th and 19th being fairly common. The maps for 18h. on the 18th and 1h. on the 19th August give indications of the probability of thunderstorms but do not suggest that they would have been of more than average intensity. Similarly the charts subsequent to the storm show nothing abnormal. No upper air temperature records were made on the 18th, but ascents were made on the 19th at South Farnborough at 14h. 30m. and at The Helder, in Holland, at 8h. These records also indicate no abnormalities. Pilot balloon ascents at Calshot suggest a temporary backing from N.W. to S.W. at 4,000 feet during the middle of the night. The winds both at Holyhead and Pembroke backed from N.W. to S.W. at 18h. on the 18th. At Stogursey, in the area of heavy rain, an observer reports that the wind varied during the night of the 18th, blowing chiefly from the south-east and then veering to the west. So that although the storm at Cannington appears to have been so local that it almost entirely escaped the network of observing stations used in synoptic charts, there are some indications of a secondary formation in the general polar current from the north-west.

Some Details of the Storm.

At Brymore House, near Cannington, the 18th was cloudy all day and a few showers occurred. After 20h. there were a few heavy showers and thunder was heard in the west. By 2h. it commenced to rain very heavily and the thunder became frequent and loud. At times the noise of the rain and hail almost stifled that of the thunder. Mr. Kendall describes the rain "as falling in solid sheets as if being

* All times specified in the paper are G.M.T.

emptied from buckets." Apparently two or three distinct thunderstorms followed each other in quick succession. Heavy rain ceased by 6h. 30m. to be followed by steady rain until about 10h. The rain was accompanied by hail. The hail occurred mainly in the early part of the storm and some hail seems to have fallen over the whole area of exceptional precipitation. At Brymore House it is estimated that 3 to 4 inches of hail lay on the ground in the early morning and other estimates in the neighbourhood vary from 3 to 6 inches. Much damage was done to plants and trees, especially to their north-west sides. The hail stones appear not to have been as large as they are sometimes, for so far as I am aware, no glass was broken.

An observer at Chiltern Poldern, on the Polden Hills, reports heavy rain, thunder and lightning about 21h. to 22h. on the 18th. At 1h. 15m. on the 19th a terrific storm commenced with thunder, lightning, rain and very heavy hail. There was only slight drizzle after 4h. 30m.

Lord St. Audries, writing from St. Audries on August 31st, makes these interesting comments:—"The recent heavy downpours have been accompanied by remarkably little wind, and in some cases have moved extraordinarily slowly. Several times I have seen and heard of rain a couple of hundred yards off several minutes before it has reached this house."

The Rainfall Measurements.

It rained on the area stretching from the Quantock Hills to the Polden Hills on every day from the 14th to 30th. At those stations where the falls for the rainfall day of the 18th reached or exceeded 2·50 inches, the daily amounts for the period August 16th to 22nd are set out below:—

Daily Rainfall,† August 16th–22nd.

	August.						
	16	17	18	19	20	21	22
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
Cannington (Brymore House)	·39	·36	9·40	·39	·13	·13	·78
„ (Ashford House)	·40	·33	5·60	·40	·15	·30	·74
„ (Ashford W.W.)	·35	·25	4·50	·35	·11	·12	·70
Stogursey (Fairfield House)	·26	·31	4·03	·35	·23	·20	·95
Holford (Dytche School) ..	·38	·26	2·91	·41	·22	·16	1·20
Bridgwater (Wembdon Rd.)	·38	·27	2·50	·40	·04	·21	·64

† The daily values are for the 24 hours beginning at 9h. on the day to which they are credited.

In the case of the readings of the 18th and 19th some modifications have been made where the gauges were read at 9 a.m. Summer Time (*i.e.*, at 8h.). Values which have been adjusted are printed in italic type. Rain continued to fall steadily from 8h. to 9h. and consequently the adjustment consisted in reducing the amounts given as the falls of the 19th and adding equivalent amounts to those of the 18th. The amounts added to the fall of the 18th varied from $\cdot 36$ inch to $\cdot 10$ inch.

The reading of 9·4 inches at Brymore House requires special mention. The rain-gauge and measure were found to be accurately graduated. They are both shown in Fig. 3. The exposure of the gauge was excellent, there being no risk of over-shelter by any of the surrounding plants and trees. The gauge had been mounted securely in a stone and this minimised the risk of the gauge being flooded, although it is not as described in the standard exposure. The ground sloped slightly and it was quite clear that no flooding of the gauge could have occurred. The observer, Mr. W. Kendall, noticed the water in the funnel of the gauge in the early morning and at the time of measurement assembled two gardeners. He arranged for one of the gardeners to put a flower-pot on the wall each time the measuring glass, holding half-an-inch, was filled. There were 18 on completion of the measurement. With Mr. Kendall I subsequently filled the gauge to the level at which the water stood on the morning of August 19th, and the measurement gave a confirmatory reading. It is interesting to note that Mr. Kendall previously had had experience in dealing with a large daily fall. On the day of the great Bruton storm of the 28th June, 1917, the reading at Brymore House was 4·91 inches. On this occasion the rainfall gradient in the district was slight and the fall at Brymore House was in excellent agreement with those reported from other stations.

In conditions so abnormal as those of the night of August 18th to 19th, it is impossible that any gauge could be relied on to catch exactly the proper amount of rain. We have no hesitation, however, in accepting the value of 9·4 inches as giving the fall of the rainfall day with a fair degree of accuracy.

Mr. Kendall is of the opinion that as much as $8\frac{1}{2}$ inches of the rain fell in $4\frac{1}{2}$ hours from 2h. to 6h. 30m. on the morning of August 19th. Evidence from other sources leaves little doubt but that this is substantially correct. Some reports refer to heavy rain by 1h. 30m., and others to heavy showers earlier. Probably there were variations in different localities. A conservative estimate is that at Brymore House at least 8 inches of rain fell in the 5 hours from 1h. 30m. to 6h. 30m. and it is proposed to accept this figure for statistical purposes. The persistence of heavy rain (and hail) for several hours is one of the most remarkable features of the rainfall of this day.

The rain-gauge at Ashford House was in a rather sheltered position and possibly some of the rain may have been intercepted by the surrounding trees. The other rain-gauges which recorded more than 2.5 inches were in excellent positions.

It was found that there were two other rain-gauges in the area of heavy rain. These would have given interesting results had their capacity been sufficiently great. The gauges were situated at the Cannington Farm Institute and at Stogursey School. From them it is only possible to learn that the rainfall of the day exceeded 3.5

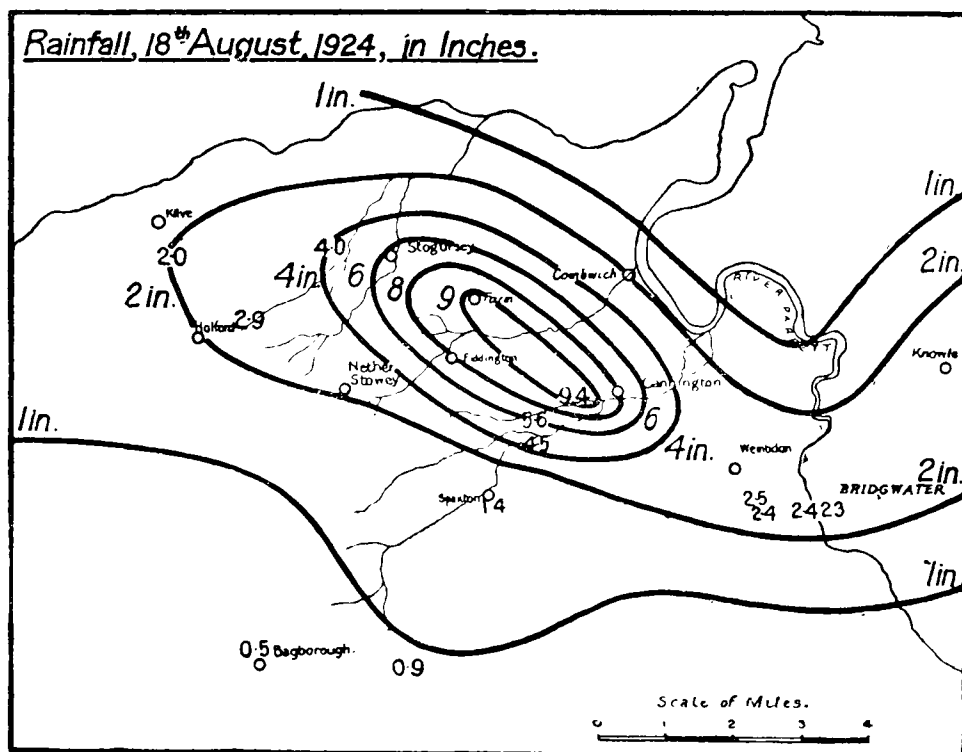


FIG. 2.

inches. This emphasizes the importance of the rule that "as a fall of 6 inches may occur in one day in any part of the British Isles, no gauge of less capacity should be purchased." The gauges supplied by the Meteorological Office hold more than 8 inches of rain.

On the other hand, some useful observations were made as to the depth of rain in cattle tubs and troughs. At Cannington Park, reference is made to "two round iron cattle tubs put out on the afternoon of the 18th and half full in the morning, *i.e.*, about 9 to 10 inches." At Farm Estate, an observer is "sure we had 10 inches of rain—we had a tub which is 10 inches deep in which we mix meal for the poultry. It was empty on the evening of August 18th but next morning it was

running over." At Farm I saw a practically rectangular cattle trough which was said to have had 4 inches of rain in it on the 18th and to have overflowed on the 19th. It was 16 inches deep. Allowing for the slightly sloping sides 10 inches of rain appears to be a good estimate of the fall there.

The Distribution of Rainfall on August 18th, 1924.

The maps, Figs. 1 and 2, show the probable distribution of the rainfall of the 24 hours from 9h. on the 18th. Fig. 1 emphasizes the fact that the heavy rain was extremely local. At a distance of 4 miles to the south-west and 3 miles to the north-east of Brymore House, the fall was only 1 inch. The area with 1 inch or more of rain appears to have been confined almost entirely to a narrow strip stretching from Minehead to Warminster. Fig. 2 shows on a larger scale the probable rainfall of the Cannington area together with the actual measurements. Assuming the distribution of rainfall shown on this map, it is possible to estimate the quantity of water which fell during the day.

Rainfall for 24 hours beginning at 9h. on August 18th, 1924.

		Area sq. mi.	General Rain in.	Vol. of Rain sq. mi. \times in.
More than 8 in.	..	2.9	8.8	26.0
6-8 in.	..	3.7	6.9	25.4
4-6 in.	..	6.3	5.0	31.4
2-4 in.	..	34.4	2.6	89.6
Total	..	47.3		172.4

This gives a general rainfall over 47.3 square miles of 3.64 in. and a volume of precipitation over that area amounting to 2,500 million gallons or 11 million tons of water.

Damage Caused by the Heavy Rain.

Much damage was done in the district to the roads. In many places the roads, being below the level of the surrounding fields, became torrents and the banks were cut into so that many collapsed. The Engineer to the Bridgwater Rural District Council estimated that 2,000 tons of earth banks had to be removed from the roads in Cannington to Stogursey area. Similar denudation was produced by the streams in their natural courses but this is more difficult to estimate. The surface of the roads was impaired, the gravel and small stones being washed away. In many places walking on the remaining large stones was particularly uncomfortable. In the Polden Hill area the steepness of the land enhanced the damage, a large amount of earth falling in when the steep banks were undercut by the rushing water. This was the case at Knowle.

The area of heavy rain was drained by three main streams :— (1) Cannington Brook flowing into the River Parrett ; (2) a stream entering the River Parrett further north at Combwich, and (3) Stogursey stream draining direct to the sea. These streams are shown on the map (Fig. 2) and are enumerated above in order from south to north.

(1) The more northerly of the streams flowing to Cannington follows the main road eastward into the Brymore Estate and flows through ponds there. These ponds filled and overflowed. The flood spread eastward, until it reached another stream of water running northward along the main road. There is a bend in the road here and after some 30 yards of railings were blocked by straw, hedge trimmings, etc., the water was held up to a depth of 3 to 4 feet. Eventually a wall gave way in one solid block for 20 yards but not before some telegraph poles had been carried over a hedge. The photograph (Fig. 5) shows the fallen wall as well as the remains of the obstruction at the foot of the railings. The inhabitants of the one storey lodge of the Brymore Estate, to the right of the road in the photograph, were compelled to pull a table on the bed and remain on top of it for two hours until the water subsided. Further to the east a brook became a torrent 6 feet deep and swept down two walls and flooded some houses. This water also flowed into Cannington Brook. By 6h. on the morning of the 19th the brook had been and was increasing. The water stretched up the main road a distance of 100 yards by 7h. and reached a maximum at 8h. 30m. Although the heaviest rain was from 1h. 30m. to 6h. 30m. the worst flooding occurred from 6h. to 10h. In Cannington practically all the houses were flooded. In the Blue Anchor Inn, 20 yards from the brook, the flood mark 2 ft. 4 in. above the ground was plainly visible. The landlord had 13 young pigs and many head of poultry drowned. He refers to the water coming down like a big wave, and very quickly reaching up to his knees. This was no doubt resultant on the breaking down of the wall by the Brymore Estate and subsequent release of a considerable depth of water.

(2) This stream drains a narrow strip of land stretching from the Quantocks to Combwich. As far up stream as Nether Stowey damage occurred. The damage at Fiddington was, however, much greater, suggesting very heavy rain between these two places. The photograph (Fig. 4) shows part of the damage which was done at Fiddington. Two cottages, built of cobblestones, were partly washed away by the swollen stream, the inhabitants being rescued from the window of the upper storey. Further on the stream usually flows under the road but in flood a wall 3 feet high was submerged and the Rector's house and garden flooded. Here two wheelbarrows were carried over hedges. At Fiddington, also, two interesting examples were noticed of the change of course in the stream occasioned by the abnormal

RAIN-GAUGE AT BRYMORE HOUSE, CANNINGTON.



FIG. 3.

DAMAGE DONE BY FLOODS AT FIDDINGTON.



FIG. 4.

DAMAGE DONE BY FLOODS, AUGUST 19TH, 1924.
OPPOSITE BRYMORE LODGE.



FIG. 5.

AT EDBROOK FARM



FIG. 6.

[To face page 253.]

rainfall. At one point the stream flowed by the side of a pond, but in flood some boulders, gravel, etc., were deposited as the stream broadened out and the course is now round the débris and through the pond. Further on the deposit held back the water to a greater depth and the bulk of it now passes down a side stream which previously was insignificant. As the stream flowed on it was joined by the run-off from the northern portion of the Brymore Estate and from Cannington Park. The road from Fiddington through Edbrook to Cannington showed convincing evidence in "slip-outs," etc., of very heavy rain. Fig. 6 illustrates the damage done at Edbrook Farm. At Combwich the village was flooded, the water running over the top of the bridge. The brook rose no less than 6 feet within 20 minutes. The state of the roads and banks from Cannington to Combwich left no doubt that less rain fell in that area than to the west and that there was less rain at Combwich than at Cannington.

(3) Stogursey Brook rises in the Quantocks and passes through Stogursey and Shurton to the sea. No damage appears to have occurred above Stogursey. Other evidence suggests that the rain was not very heavy on the Quantocks. At Stogursey Mill-house the floods are described as the most serious for 35 years. Then the water rose 10 inches higher than on the present occasion after heavy snow followed by rain. Much damage was done in this area but less than in the other two drainage areas.

The volume of water which fell in each of these valleys has been calculated and the results are set out below :—

Rainfall for 24 hours beginning 9h. on August 18th, 1924.

<i>Drainage Area as shown on Map.</i>	<i>Area. sq. mi.</i>	<i>General Rain in.</i>	<i>Volume.</i>		
			<i>sq. mi. × in.</i>	<i>Million Gallons.</i>	<i>Tons.</i>
1. Cannington Brook and small streams all draining to River Parrett	18·7	2·6	47·6	690	3·0
2. Stream draining to Combwich and small streams all draining to River Parrett	9·8	4·4	43·1	620	2·8
3. Stogursey Stream and small streams all draining to the sea	15·4	3·2	49·8	720	3·2

In the case of the Louth flood of May 29th, 1920, an estimate was made of the amount of rain falling in the Valley of the Lud, *i.e.*, the area draining to Louth (22·2 square miles). The estimate was 5½ million tons, so that the amount of water falling in each of the three catchment areas above was comparable to that which fell in the Valley of the Lud and caused extensive damage and loss of life there.

Some Comparisons with other Noteworthy Rains.

The list of heavy daily falls of 8 inches or more includes the following values :—

<i>County.</i>	<i>Station.</i>	<i>Fall and Date.</i>
Somerset	.. Bruton (Sexey's School)	.. 9·56 in. on June 28th, 1917.
"	.. Cannington (Brymore House)	.. 9·40 in. on Aug. 18th, 1924.
"	.. Bruton (King's School)	.. 8·48 in. on June 28th, 1917.
"	.. Aisholt (Timbercombe)	.. 8·39 in. on June 28th, 1917.
Inverness	.. Loch Quoich (Kinlochquoich)	.. 8·20 in. on Oct. 11th, 1916.
Cumberland	.. Borrowdale (Seathwaite)	.. 8·03 in. on Nov. 12th, 1897.

Thus only one larger fall than that of the 18th August, 1924, is available for the whole British Isles. It is interesting to note that the wettest stations do not head the list. The average annual rainfall at the first four stations is 30 to 35 inches. The fifth and sixth stations on the list are much wetter with an annual rainfall over 100 inches.

A comparison of the rainfall of the actual storm with that of other notable storms is also of interest.

<i>Station.</i>	<i>Cannington (Brymore House). Aug. 18th, 1924.</i>	<i>Louth (Elkington Hall). May 29th, 1920.</i>	<i>London (Campden Hill). June 16th, 1917.</i>	<i>Norwich (Ipswich Road). Aug. 26th, 1912.</i>
<i>Amount ..</i>	8 in.	4·59 in.	4·65 in.	4·90 in.
<i>Duration ..</i>	5 hr.	3 hr.	2½ hr.	6 hr.
<i>Rate per hour</i>	1·6 in.	1·5 in.	1·9 in.	0·8 in.

The fall of 8 inches in 5 hours must therefore be regarded, when both the amount and the period are taken into account, as one of the most remarkable on record.

The fall for the month of August at Brymore House gives an interesting comparison with other large monthly percentage values. Utilising this record, which extends back to 1904, a value of 2·8 inches has been calculated as the average August rainfall for the period 1881 to 1915. The fall of 13·11 inches in August, 1924, was 470 per cent. of the average. In the case of the Bruton and Norwich rains of June, 1917, and August, 1912, respectively, the maximum monthly percentage falls have been evaluated at 410 per cent. for June, 1917, and 470 per cent. for August, 1912. These three storms have therefore been responsible for monthly totals of about the same percentage of the average monthly rainfalls in these localities.

Summary.

The storm at Cannington presented the following interesting and unusual features :—

1. Sustained heavy rainfall at Brymore House amounting to 8 inches in 5 hours. When both the amount and the period are taken into account this must be regarded as one of the most remarkable falls on record.

2. The second largest daily amount on record in the British Isles was measured, viz., 9·4 inches at Brymore House.

3. The heavy rain affected only a small area. It was so local that little if any of the effects of the storms were felt at the climatological stations recording temperature, weather, wind, sunshine, etc., as well as rainfall. The rainfall gradient was very steep, amounting probably to as much as 4 inches in a mile.

4. The recurrence of heavy rain in the same district is also noteworthy. The Bruton and Cannington rains affected largely the same area. In the Bruton flood the heavy rain was more widespread and stretched further to the east than in the Cannington storm. Timbercombe, which received 8·39 inches on the 28th June, 1917, is only five miles to the south-west of Brymore House.

It is fortunate that this heavy rain fell so near a large river and the sea. Apparently the amount and intensity of the rainfall were greater in the case of the Cannington storm than in the disastrous Louth flood, when 22 people were drowned. The damage at Cannington would have been much greater :—

- (1) if all the water had fallen in one drainage area ;
- (2) if the rain had fallen on hillier country, and
- (3) if the streams had flowed through a town.

In each of these respects the Cannington area had natural advantages over the Louth area.

GENERAL MONTHLY RAINFALL OVER THE BRITISH ISLES, 1881 to 1924.

By J. GLASSPOOLE, M.Sc., Ph.D.

In a paper read before the Royal Meteorological Society in 1923,* general values† for the rainfall of the British Isles for each year from 1868 to 1921 inclusive were discussed. These general values, expressed as a percentage of the average rainfall, were given in the last volume of *British Rainfall*.‡ The table may be regarded as a history of the rainfall since 1868. It shows the relative dryness or wetness of each year not only over the British Isles as a whole but in England and Wales, Scotland and Ireland separately.

We are now able to give tables showing the rainfall for each *month* since 1881 for England and Wales, Scotland, Ireland and the whole British Isles. These data are set out in Tables II to V. The figure entered against any individual month represents the percentage which the general rainfall of that month bears to the average general fall of the months of the same name during the period 1881 to 1915.

A table showing monthly and annual general average values for each country of the British Isles and for the British Isles as a whole is given below (Table I). This table was first published by the late Mr. M. de Carle S. Salter in his book on "The Rainfall of the British Isles," but the values have been revised in the case of the Isle of Man owing to additional data. The values were computed from the maps showing the average rainfall (annual or monthly) over the British Isles.§ The method employed was to divide each map into squares, of side about 20 miles, to estimate on each map the rainfall at the points of intersection on the land surface, and to form the means of the rainfall amounts at all the points in the area. In all some 400 points were utilised over the whole of the British Isles. This is a much more elaborate process than has hitherto been attempted and the results set out in Table I must be regarded as the best estimates available.

* *Q.J.R. Met. Soc.*, Vol. XLIX (1923). "The Fluctuations of Annual Rainfall in the British Isles, considered cartographically," by Carle Salter and J. Glasspoole.

† "General Rainfall" is used as applying to the mean rainfall for a given time of a number of points uniformly distributed over an area.

‡ *British Rainfall*, 1923, p. 119.

§ Some of these have been published. For the year and April, see *Q.J.R. Met. Soc.*, Vol. XLVII (1921), pp. 108-109. For the year, January, April, July and October, see *British Rainfall*, 1920, pp. 266-270.

Table I.—MONTHLY AND ANNUAL AVERAGES OF RAINFALL, 1881–1915.

General Averages Computed from Isohyetal Maps.

Month.	England.	Wales.	Isle of Man.	England and Wales.	Scotland.	Ireland.	British Isles.
	in.	in.	in.	in.	in.	in.	in.
January	2·69	4·72	3·40	2·99	4·90	4·07	3·78
February	2·34	3·94	3·25	2·57	4·18	3·53	3·26
March	2·47	3·82	3·03	2·67	4·05	3·36	3·22
April	1·98	2·96	2·47	2·12	2·99	2·75	2·52
May	2·19	2·95	2·82	2·30	3·01	2·75	2·61
June	2·33	3·05	2·54	2·44	2·83	2·82	2·64
July	2·75	3·60	3·22	2·87	3·78	3·37	3·25
August	3·11	4·71	4·01	3·35	4·51	4·20	3·88
September	2·37	3·51	3·22	2·54	4·00	3·13	3·09
October	3·69	5·63	4·64	3·97	4·90	4·08	4·25
November	3·19	5·25	4·73	3·49	5·29	4·28	4·19
December	3·56	6·00	4·97	3·92	5·88	4·96	4·72
Year	32·67	50·14	42·30	35·23	50·32	43·30	41·41

The methods of forming the serial monthly percentages given in Tables II to V have not been the same throughout the period 1881 to 1924. From 1881 to 1915 the method has been essentially to deal with 53 stations in the British Isles (26 in England and Wales, 16 in Scotland and 11 in Ireland). The names of these stations, together with details of the positions, are given on p. 263 of *British Rainfall*, 1922. At each station the rainfall of each month has been evaluated as a percentage of the average, 1881 to 1915, and means extracted for the various countries and for the whole British Isles. For the years 1916 to 1919 the values given in *British Rainfall*, 1921, pp. 89–92, have been utilised, but they have been corrected to the average, 1881 to 1915. The values were derived from records at about 100 stations. From 1920 onwards general values have been published in the annual volumes of *British Rainfall*, using the average 1881 to 1915, and these figures have been adopted. They were obtained by taking the mean of percentage values for about 150 stations distributed over the British Isles. For 1924 the list of stations is given in Part II, Section 8 of this volume.

In Tables II to V, the figures for the year have been included to complete the series. It should be emphasized that the estimates of annual rainfall were not obtained by the use of exactly the same set

Table II.—ENGLAND AND WALES.—*Serial Values of the Monthly and Annual General Rainfall, from 1881 to 1924, expressed as percentages of Monthly and Annual Averages for 1881 to 1915.*

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	%	%	%	%	%	%	%	%	%	%	%	%	%
1881 ..	51	166	122	64	92	126	101	170	106	87	119	107	109
1882 ..	94	101	83	203	87	169	151	97	122	153	139	124	127
1883 ..	133	169	61	83	92	139	120	56	211	94	126	52	107
1884 ..	145	117	97	84	65	66	137	51	101	50	61	101	88
1885 ..	96	153	74	115	125	92	35	65	185	145	109	37	101
1886 ..	168	44	126	107	206	50	144	59	111	132	113	146	117
1887 ..	102	39	73	69	86	30	59	65	134	66	98	72	74
1888 ..	49	65	146	99	64	104	210	92	52	48	175	75	98
1889 ..	50	91	107	157	138	37	103	114	92	120	45	60	94
1890 ..	139	48	86	75	105	124	117	112	75	50	139	35	90
1891 ..	87	5	78	89	132	100	106	184	108	152	105	137	111
1892 ..	64	88	48	70	109	127	86	123	137	143	75	50	94
1893 ..	77	166	23	18	78	59	126	70	92	89	83	96	83
1894 ..	116	142	75	100	118	117	133	100	75	122	116	82	108
1895 ..	143	18	109	103	26	57	155	106	41	110	134	87	96
1896 ..	45	35	143	50	19	110	79	76	239	120	43	136	93
1897 ..	87	129	164	126	67	127	44	125	150	41	81	108	101
1898 ..	54	79	62	113	151	88	34	103	43	118	102	98	87
1899 ..	153	112	53	156	121	73	71	44	136	81	88	79	94
1900 ..	154	215	46	79	85	124	65	140	54	107	108	122	109
1901 ..	67	70	106	127	56	88	93	88	82	72	86	140	88
1902 ..	57	68	80	89	122	101	76	111	70	77	86	78	84
1903 ..	128	88	157	103	146	120	135	143	151	208	76	69	128
1904 ..	127	167	83	86	123	58	96	101	85	38	67	77	89
1905 ..	50	56	149	133	41	137	42	120	85	64	131	29	86
1906 ..	176	118	83	53	139	95	45	77	51	147	122	83	101
1907 ..	54	77	66	139	151	146	81	84	31	154	91	115	99
1908 ..	71	89	141	147	102	59	107	118	113	50	56	77	91
1909 ..	57	43	156	118	68	130	132	94	119	137	36	147	105
1910 ..	120	159	48	128	112	114	115	126	25	92	144	144	113
1911 ..	58	95	88	88	67	124	23	66	96	93	136	174	94
1912 ..	152	104	180	15	92	195	131	216	73	100	91	113	125
1913 ..	169	54	163	184	114	70	49	51	117	103	103	55	98
1914 ..	62	130	170	57	85	86	133	77	70	67	129	205	108
1915 ..	145	200	54	73	116	58	166	76	68	70	87	190	110
1916 ..	71	202	158	88	119	105	69	112	83	135	126	98	114
1917 ..	84	51	102	106	100	108	92	210	85	129	67	45	98
1918 ..	122	96	55	112	100	53	160	72	286	67	80	124	107
1919 ..	161	119	185	120	45	59	83	96	87	70	85	149	165
1920 ..	148	74	135	221	131	103	187	60	108	71	52	94	109
1921 ..	144	15	73	63	81	18	44	116	60	53	78	80	70
1922 ..	150	148	101	147	57	68	165	118	130	34	55	120	105
1923 ..	83	235	77	126	119	34	102	113	130	136	108	105	113
1924 ..	123	42	57	139	217	102	153	113	172	129	83	125	120

of data as were used in the case of monthly rainfall.* So that if the results given in Tables II to V are applied to the general average values given in Table I, the sums of the monthly values in actual inches would

* "The annual values were prepared by taking a series of 120 points equally distributed over the British Isles, tabulating the figures from the map for each year and taking the means. In a few cases, in areas of few rainfall records, it was necessary to estimate values from the maps."—*Meteorological Magazine*, Vol. LVIII (1923), p. 103.

Table III.—SCOTLAND.—*Serial Values of the Monthly and Annual General Rainfall, from 1881 to 1924, expressed as percentages of Monthly and Annual Averages for 1881 to 1915.*

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	%	%	%	%	%	%	%	%	%	%	%	%	%
1881 ..	39	128	103	52	100	152	133	106	90	87	120	83	95
1882 ..	84	90	131	132	93	153	143	71	117	95	133	126	113
1883 ..	115	122	84	78	87	105	110	114	116	107	110	87	106
1884 ..	164	114	114	52	130	51	127	81	86	103	108	96	104
1885 ..	80	136	81	94	125	69	62	68	181	91	61	68	91
1886 ..	123	63	93	85	133	64	102	54	121	93	98	108	94
1887 ..	97	75	59	91	61	43	101	71	121	68	84	84	80
1888 ..	85	62	101	98	114	109	133	90	48	90	139	71	93
1889 ..	74	98	76	131	88	44	79	144	63	106	58	77	85
1890 ..	160	34	106	72	77	155	114	107	101	116	147	37	103
1891 ..	74	45	106	49	94	58	91	150	155	118	92	123	100
1892 ..	106	77	41	58	140	127	86	122	129	130	86	49	96
1893 ..	74	129	51	55	66	85	102	98	125	115	103	103	97
1894 ..	134	212	92	55	137	98	123	115	18	85	87	87	102
1895 ..	92	37	110	90	33	108	130	126	61	122	102	108	95
1896 ..	71	59	128	84	43	155	121	82	156	120	48	119	99
1897 ..	57	68	149	92	92	143	76	117	110	66	79	111	95
1898 ..	76	116	70	141	102	98	49	111	125	105	123	141	109
1899 ..	139	85	114	167	117	88	99	41	166	71	115	113	106
1900 ..	135	127	51	118	112	127	118	114	118	132	118	153	119
1901 ..	89	82	84	124	76	133	66	111	90	108	88	111	94
1902 ..	87	56	93	93	116	90	96	72	98	71	72	107	86
1903 ..	164	167	178	88	90	81	155	154	107	195	93	69	129
1904 ..	104	112	72	166	114	89	75	117	110	62	70	88	93
1905 ..	71	99	140	120	74	57	75	109	103	106	129	60	97
1906 ..	123	110	90	82	195	55	102	116	54	153	121	88	111
1907 ..	78	97	100	108	142	195	80	125	47	128	83	99	104
1908 ..	104	103	150	85	94	98	95	87	166	55	83	87	99
1909 ..	117	62	112	144	108	82	120	71	75	151	73	97	101
1910 ..	114	135	75	176	95	73	124	161	43	62	119	89	105
1911 ..	67	124	60	116	97	122	91	63	71	82	138	137	99
1912 ..	99	106	118	70	86	168	78	132	78	107	104	139	108
1913 ..	105	70	155	130	124	113	25	38	92	72	112	82	93
1914 ..	93	140	131	88	98	54	104	86	68	55	128	151	103
1915 ..	106	160	82	116	47	58	115	76	91	73	76	152	96
1916 ..	140	144	78	130	155	126	125	85	61	172	127	102	117
1917 ..	87	35	69	96	98	108	56	129	103	167	146	59	97
1918 ..	105	146	47	45	103	72	148	103	171	131	94	96	106
1919 ..	105	49	95	137	41	137	37	89	116	62	120	133	93
1920 ..	141	154	133	99	167	69	104	88	94	60	102	79	105
1921 ..	166	40	147	60	105	49	99	111	79	99	60	130	99
1922 ..	130	121	76	130	127	99	117	81	88	58	68	84	94
1923 ..	123	156	48	123	137	89	115	161	150	144	111	103	120
1924 ..	100	60	39	92	158	110	146	116	173	95	68	121	105

not be precisely the same as those obtained by the use of the annual values direct. The percentage values for the British Isles, given in Table V, have been applied to the values given in Table I, and the values are set out in actual inches in Table VI. The most accurate method of determining the general monthly rainfall in inches is undoubtedly by measuring with a planimeter the areas, on the map of actual rainfall, between consecutive isohyetal lines, multiplying the

Table IV.—IRELAND.—*Serial Values of the Monthly and Annual General Rainfall, from 1881 to 1924, expressed as Percentages of Monthly and Annual Averages for 1881 to 1915.*

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	%	%	%	%	%	%	%	%	%	%	%	%	%
1881 ..	33	138	108	67	89	173	69	119	91	93	125	95	100
1882 ..	75	102	106	157	99	135	162	86	110	113	150	99	113
1883 ..	159	169	57	88	87	92	128	109	159	101	121	53	110
1884 ..	145	152	126	65	99	38	116	52	95	76	93	101	98
1885 ..	91	132	83	118	101	47	66	77	188	111	81	41	92
1886 ..	112	100	125	88	162	59	119	70	136	144	84	123	109
1887 ..	99	58	54	67	62	20	84	81	109	71	91	76	77
1888 ..	76	30	119	81	106	173	161	80	38	57	121	113	98
1889 ..	88	92	70	116	151	32	75	142	67	135	53	87	93
1890 ..	142	47	112	72	105	118	91	86	113	63	169	59	97
1891 ..	57	11	63	95	117	103	72	163	108	146	91	135	98
1892 ..	70	82	33	49	159	97	105	153	134	93	131	57	98
1893 ..	90	125	34	49	67	76	81	116	76	81	58	105	82
1894 ..	142	133	75	156	119	92	128	76	21	127	102	86	104
1895 ..	109	28	119	80	32	79	140	137	35	106	126	120	96
1896 ..	46	64	153	52	17	106	177	57	203	101	34	133	94
1897 ..	68	89	180	156	74	171	74	143	89	87	118	106	114
1898 ..	75	99	44	148	122	106	45	121	115	115	113	77	98
1899 ..	131	111	60	146	125	88	82	74	107	55	88	162	102
1900 ..	122	111	29	102	119	178	92	125	65	143	154	112	115
1901 ..	116	52	103	120	70	104	44	90	190	97	87	101	96
1902 ..	80	99	83	110	112	96	93	66	103	74	139	78	92
1903 ..	161	124	195	68	96	88	147	146	151	152	74	85	124
1904 ..	125	159	94	101	106	77	121	120	125	67	77	70	101
1905 ..	86	66	175	108	61	86	53	146	68	49	107	68	89
1906 ..	147	103	85	82	149	72	75	83	46	132	71	77	93
1907 ..	44	80	105	113	157	162	84	89	45	134	91	103	99
1908 ..	95	84	135	99	108	70	83	91	192	53	66	99	96
1909 ..	89	61	116	179	88	71	95	37	83	157	48	111	93
1910 ..	113	175	85	98	101	165	109	152	36	71	106	98	109
1911 ..	54	103	73	96	78	97	109	64	81	112	129	153	96
1912 ..	111	116	160	52	60	196	125	120	34	92	83	118	108
1913 ..	173	60	141	156	156	103	34	39	135	113	111	76	106
1914 ..	62	181	158	71	79	45	102	112	86	58	120	178	108
1915 ..	114	164	42	95	67	85	159	78	66	121	88	145	102
1916 ..	86	148	74	153	186	99	67	83	63	211	144	83	114
1917 ..	64	65	103	88	126	89	79	183	78	154	109	66	99
1918 ..	105	150	64	57	92	64	122	83	222	128	107	124	111
1919 ..	126	62	109	74	112	108	39	79	108	45	78	155	91
1920 ..	154	91	125	148	153	90	135	61	100	126	110	90	111
1921 ..	123	49	125	45	87	18	124	107	54	99	104	87	88
1922 ..	119	138	70	125	75	71	116	104	120	44	46	102	92
1923 ..	94	202	85	140	73	46	89	147	144	126	98	86	110
1924 ..	144	52	43	130	161	139	134	113	216	100	107	138	122

area of each zone by the mean rainfall in that zone estimated by inspection, and dividing the sum by the total area. This method is laborious, and in addition maps of monthly rainfall are not available for the whole period. It has, however, been shown* that general percentage values for individual months can be accurately derived from a relatively small number of stations evenly distributed (about

* See for example *Q.J.R. Met. Soc.*, Vol. XLI (1915), p. 254.

Table V.—BRITISH ISLES.—*Serial Values of the Monthly and Annual General Rainfall, from 1881 to 1924, expressed as Percentages of Monthly and Annual Averages for 1881 to 1915.*

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1881 ..	44	149	113	61	94	143	104	141	98	89	120	98	103
1882 ..	87	98	103	172	91	157	151	87	118	128	140	119	120
1883 ..	133	155	67	83	89	119	119	84	171	99	120	62	108
1884 ..	151	124	108	70	92	56	130	60	95	71	82	100	94
1885 ..	90	144	79	109	120	76	49	68	184	122	89	47	96
1886 ..	143	61	116	97	175	56	126	60	119	123	102	130	110
1887 ..	100	53	65	75	73	32	77	70	125	68	92	76	77
1888 ..	65	57	127	95	88	120	176	89	48	62	153	82	97
1889 ..	65	93	90	141	125	38	90	129	78	119	50	71	92
1890 ..	146	45	98	74	97	132	111	105	91	72	148	41	95
1891 ..	77	18	84	79	118	89	94	169	122	141	98	133	105
1892 ..	78	84	43	62	129	121	90	129	134	128	90	51	95
1893 ..	78	147	34	35	72	70	109	88	99	95	84	100	86
1894 ..	126	160	80	99	124	106	129	99	46	112	105	84	105
1895 ..	122	26	111	94	29	76	144	119	46	113	123	100	95
1896 ..	53	48	141	60	26	122	112	74	206	116	43	131	95
1897 ..	74	103	163	123	76	141	60	127	125	58	88	109	103
1898 ..	65	94	61	129	130	95	41	109	83	114	110	106	95
1899 ..	144	104	73	157	121	80	82	49	139	73	96	106	99
1900 ..	141	167	44	95	100	136	86	129	76	121	121	129	113
1901 ..	84	70	98	125	65	105	74	95	107	88	87	123	92
1902 ..	71	71	84	95	118	97	86	90	85	74	93	86	87
1903 ..	146	118	171	91	119	102	144	147	138	193	81	72	127
1904 ..	119	149	82	112	117	71	95	110	101	51	70	79	93
1905 ..	64	70	152	124	55	103	55	122	87	73	125	47	89
1906 ..	154	113	85	67	158	79	68	89	51	145	111	83	101
1907 ..	60	83	84	125	149	163	81	97	39	142	88	108	100
1908 ..	86	92	142	119	101	72	98	103	146	52	66	84	94
1909 ..	81	52	134	138	84	104	121	75	98	145	50	125	101
1910 ..	117	155	64	136	105	113	117	141	33	79	129	118	110
1911 ..	60	105	76	98	78	118	61	65	85	94	135	159	96
1912 ..	127	107	157	38	83	187	114	172	66	100	93	121	116
1913 ..	151	60	156	163	126	89	39	45	113	96	107	67	99
1914 ..	71	144	156	69	88	68	118	87	73	62	127	183	107
1915 ..	127	181	59	90	85	64	149	77	75	82	84	170	105
1916 ..	93	173	118	115	145	109	85	98	73	162	129	96	115
1917 ..	81	50	93	99	106	104	78	183	89	144	97	54	97
1918 ..	114	122	55	81	99	60	147	83	242	97	89	118	108
1919 ..	140	86	146	114	60	91	60	90	100	63	91	147	98
1920 ..	147	106	132	162	148	90	148	69	101	80	83	88	109
1921 ..	145	30	107	58	89	27	79	112	64	77	79	96	82
1922 ..	137	138	86	136	81	78	139	104	116	44	56	105	100
1923 ..	97	204	70	128	113	53	103	135	139	136	106	100	114
1924 ..	122	50	49	124	187	113	147	114	182	112	84	127	117

50 in the case of the British Isles), and that these can be applied to average rainfall totals which are based on a large number of observations in order to obtain general values for the rainfall of individual months and years. The last column of Table VI was obtained by taking the sums of the values for the months. These annual values are found to be almost identical with those obtained by applying the percentage values to the average annual fall, the two separate estimates agreeing usually within 0·5 in.

Table VI.—BRITISH ISLES.—*Serial Monthly and Annual General Values of Rainfall, 1881 to 1924, derived from Tables I and V.*

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1881 ..	1.7	4.9	3.6	1.5	2.5	3.8	3.4	5.5	3.0	3.8	5.0	4.6	43.3
1882 ..	3.3	3.2	3.3	4.3	2.4	4.1	4.9	3.4	3.6	5.4	5.9	5.6	49.4
1883 ..	5.0	5.1	2.2	2.1	2.3	3.1	3.9	3.3	5.3	4.2	5.0	2.9	44.4
1884 ..	5.7	4.0	3.5	1.8	2.4	1.5	4.2	2.3	2.9	3.0	3.4	4.7	39.4
1885 ..	3.4	4.7	2.5	2.7	3.1	2.0	1.6	2.6	5.7	5.2	3.7	2.2	39.4
1886 ..	5.4	2.0	3.7	2.4	4.6	1.5	4.1	2.3	3.7	5.2	4.3	6.1	45.3
1887 ..	3.8	1.7	2.1	1.9	1.9	0.8	2.5	2.7	3.9	2.9	3.9	3.6	31.7
1888 ..	2.5	1.9	4.1	2.4	2.3	3.2	5.7	3.5	1.5	2.6	6.4	3.9	40.0
1889 ..	2.5	3.0	2.9	3.6	3.3	1.0	2.9	5.0	2.4	5.1	2.1	3.4	37.2
1890 ..	5.5	1.5	3.2	1.9	2.5	3.5	3.6	4.1	2.8	3.1	6.2	1.9	39.8
1891 ..	2.9	0.6	2.7	2.0	3.1	2.3	3.1	6.6	3.8	6.0	4.1	6.3	43.5
1892 ..	2.9	2.7	1.4	1.6	3.4	3.2	2.9	5.0	4.1	5.4	3.8	2.4	38.8
1893 ..	2.9	4.8	1.1	0.9	1.9	1.8	3.5	3.4	3.1	4.0	3.5	4.7	35.6
1894 ..	4.8	5.2	2.6	2.5	3.2	2.8	4.2	3.8	1.4	4.8	4.4	4.0	43.7
1895 ..	4.6	0.8	3.6	2.4	0.8	2.0	4.7	4.6	1.4	4.8	5.2	4.7	39.6
1896 ..	2.0	1.6	4.5	1.5	0.7	3.2	3.6	2.9	6.4	4.9	1.8	6.2	39.3
1897 ..	2.8	3.4	5.3	3.1	2.0	3.7	1.9	4.9	3.9	2.5	3.7	5.1	42.3
1898 ..	2.5	3.1	2.0	3.3	3.4	2.5	1.3	4.2	2.6	4.8	4.6	5.0	39.3
1899 ..	5.4	3.4	2.4	4.0	3.2	2.1	2.7	1.9	4.3	3.1	4.0	5.0	41.5
1900 ..	5.3	5.4	1.4	2.4	2.6	3.6	2.8	5.0	2.3	5.1	5.1	6.1	47.1
1901 ..	3.2	2.3	3.2	3.2	1.7	2.8	2.4	3.7	3.3	3.7	3.6	5.8	38.9
1902 ..	2.7	2.3	2.7	2.4	3.1	2.6	2.8	3.5	2.6	3.1	3.9	4.1	35.8
1903 ..	5.5	3.8	5.5	2.3	3.1	2.7	4.7	5.7	4.3	8.2	3.4	3.4	52.6
1904 ..	4.5	4.9	2.6	2.8	3.1	1.9	3.1	4.3	3.1	2.2	2.9	3.7	39.1
1905 ..	2.4	2.3	4.9	3.1	1.4	2.7	1.8	4.7	2.7	3.1	5.2	2.2	36.5
1906 ..	5.8	3.7	2.7	1.7	4.1	2.1	2.2	3.5	1.6	6.2	4.7	3.9	42.2
1907 ..	2.3	2.7	2.7	3.2	3.9	4.3	2.6	3.8	1.2	6.0	3.7	5.1	41.5
1908 ..	3.3	3.0	4.6	3.0	2.6	1.9	3.2	4.0	4.5	2.2	2.8	4.0	39.1
1909 ..	3.1	1.7	4.3	3.5	2.2	2.7	3.9	2.9	3.0	6.2	2.1	5.9	41.5
1910 ..	4.4	5.1	2.1	3.4	2.7	3.0	3.8	5.5	1.0	3.4	5.4	5.6	45.4
1911 ..	2.3	3.4	2.4	2.5	2.0	3.1	2.0	2.5	2.6	4.0	5.7	7.5	40.0
1912 ..	4.8	3.5	5.1	1.0	2.2	4.9	3.7	6.7	2.0	4.3	3.9	5.7	47.8
1913 ..	5.7	2.0	5.0	4.1	3.3	2.3	1.3	1.7	3.5	4.1	4.5	3.2	40.7
1914 ..	2.7	4.7	5.0	1.7	2.3	1.8	3.8	3.4	2.3	2.6	5.3	8.6	44.2
1915 ..	4.8	5.9	1.9	2.3	2.2	1.7	4.8	3.0	2.3	3.5	3.5	8.0	43.9
1916 ..	3.5	5.6	3.7	2.9	3.7	2.8	2.7	3.8	2.2	6.8	5.4	4.5	47.6
1917 ..	3.0	1.6	2.9	2.4	2.7	2.7	2.5	7.1	2.7	6.1	4.0	2.5	40.2
1918 ..	4.3	4.0	1.7	2.0	2.5	1.5	4.7	3.2	7.5	4.1	3.7	5.5	44.7
1919 ..	5.2	2.7	4.6	2.8	1.5	2.3	1.9	3.4	3.0	2.6	3.7	6.9	40.6
1920 ..	5.5	3.5	4.2	4.1	3.8	2.4	4.8	2.7	3.1	3.4	3.5	4.1	45.1
1921 ..	5.4	1.0	3.4	1.4	2.3	0.7	2.5	4.3	1.9	3.2	3.3	4.5	33.9
1922 ..	5.2	4.5	2.7	3.4	2.1	2.0	4.5	4.0	3.6	1.8	2.3	4.9	41.0
1923 ..	3.6	6.6	2.2	3.2	2.9	1.3	3.3	5.2	4.2	5.7	4.4	4.6	47.2
1924 ..	4.6	1.6	1.6	3.2	4.9	3.0	4.8	4.4	5.6	4.8	3.5	6.0	48.0

It is not proposed to discuss in detail the figures set out in Tables II to VI. They are given as a contribution to the history of rainfall fluctuations over the British Isles. These tables have already been utilised in various sections of *British Rainfall, 1924*, to give comparisons of the rainfall of that year with earlier years. Some of the features of the tables are mentioned below :—

Extremes of General Monthly Rainfall.—The extreme values in each column of Tables II to VI are set out in Table VII, together with the dates of such occurrences. In the case of the British Isles the range

in Table V is from 18 per cent. in February, 1891, to 242 per cent. in September, 1918,* and in Table VI from 0·6 in. in February, 1891, to 8·6 in. in December, 1914. The difference in the wettest month according as the rainfall is considered as a percentage of the average or as in actual inches, is accounted for by the different values for the average rainfall of these two months, September and December, which are 3·09 in. and 4·72 in. respectively for the British Isles as a whole.

Table VII.—EXTREMES OF MONTHLY RAINFALL, 1881 to 1924, from Tables II-VI.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year
<i>England and Wales.</i>													
Per cent.	176	235	185	221	217	195	210	216	286	208	175	205	128
Date ..	1906	1923	1919	1920	1924	1912	1888	1912	1918	1903	1888	1914	1903
Per cent.	45	5	23	15	19	18	23	44	25	34	36	29	70
Date ..	1896	1891	1893	1912	1896	1921	1911	1899	1910	1922	1909	1905	1921
<i>Scotland.</i>													
Per cent.	166	212	178	176	195	195	155	161	181	195	147	153	129
Date ..	1921	1894	1903	1910	1906	1907	1903	1910& 1923	1885	1903	1890	1900	1903
Per cent.	39	34	39	45	33	43	25	38	18	55	48	37	80
Date ..	1881	1890	1924	1918	1895	1887	1913	1913	1894	1908& 1914	1896	1890	1887
<i>Ireland.</i>													
Per cent.	173	202	195	179	186	196	177	183	222	211	169	178	124
Date ..	1913	1923	1903	1909	1916	1912	1896	1917	1918	1916	1890	1914	1903
Per cent.	33	11	29	45	17	18	34	37	21	44	34	41	77
Date ..	1881	1891	1900	1921	1896	1921	1913	1909	1894	1922	1896	1885	1887
<i>British Isles.</i>													
Per cent.	154	204	171	172	187	187	176	183	242	193	153	183	127
Inch ..	5·8	6·6	5·5	4·3	4·9	4·9	5·7	7·1	7·5	8·2	6·4	8·6	52·6
Date ..	1906	1923	1903	1882	1924	1912	1888	1917	1918	1903	1888	1914	1903
Per cent.	44	18	34	35	26	27	39	45	33	44	43	41	77
Inch ..	1·7	0·6	1·1	0·9	0·7	0·7	1·3	1·7	1·0	1·8	1·8	1·9	31·7
Date ..	1881	1891	1893	1893	1896	1921	1913	1913	1910	1922	1896	1890	1887

The data set out in Table VI can be used for determining the wettest and driest runs of consecutive months. In Table VIII the greatest and least rainfall is set out for groups of consecutive months, varying from 1 month to 12 months. The wettest group of 12 consecutive months is that from November, 1902, to October, 1903. It

* Maps showing the rainfall, as a percentage of the average, over the British Isles of these two extreme months were reproduced in *British Rainfall*, 1922, pp. 236 and 239.

gives a rainfall of 53·8 in., compared with a value of 52·6 in. for 1903, the wettest calendar year since before 1881 ; the driest group of 12 consecutive months is that from February, 1887, to January, 1888. It gives a value of 30·4 in., compared with 31·7 for 1887, the driest calendar year. Groups of dry months of from 3 to 9 months' duration have been discussed, both in relation to the dry year 1921 and in relation to the types of pressure distribution associated with such periods of little rain.*

Table VIII.—WETTEST AND DRIEST GROUPS OF CONSECUTIVE MONTHS, 1881 to 1924.

<i>Greatest Consecutive Values in Table VI.</i>			<i>Least Consecutive Values in Table VI.</i>		
No. of Months.	Period.	Amount. in.	No. of Months.	Period.	Amount. in.
1	Dec., 1914	8·6	1	Feb., 1891	0·6
2	Nov., 1914–Dec., 1914	13·9	2	Mar., 1893–Apr., 1893	2·0
3	Dec., 1914–Feb., 1915	19·3	3	Mar., 1893–May, 1893	3·9
4	Nov., 1914–Feb., 1915	24·6	4	Mar., 1893–June, 1893	5·7
5	Oct., 1914–Feb., 1915	27·2	5	Feb., 1887–June, 1887	8·4
6	{ Sept., 1882–Feb., 1883 } { Oct., 1911–Mar., 1912 }	30·6	6	Feb., 1887–July, 1887	10·9
7	Aug., 1903–Feb., 1904	34·4	7	Feb., 1887–Aug., 1887	13·6
8	July, 1903–Feb., 1904	39·1	8	Jan., 1887–Aug., 1887	17·4
9	June, 1882–Feb., 1883	43·0	9	Feb., 1921–Oct., 1921	20·7
10	Jan., 1903–Oct., 1903	45·8	10	Feb., 1921–Nov., 1921	24·0
11	Dec., 1902–Oct., 1903	49·9	11	Feb., 1887–Dec., 1887	27·9
12	Nov., 1902–Oct., 1903	53·8	12	Feb., 1887–Jan., 1888	30·4

Groups of consecutive Wet or Dry Months.—From Table V the following statements can be made :—

1. The greatest number of consecutive months with rainfall above the average in each month over the British Isles generally was 7, *viz.*, from April to October, 1924. There were 6 consecutive months with rainfall above the average from September, 1882, to February, 1883, and from May to October, 1903. The table emphasizes the abnormality of the rainfall of 1924, with as many as 7 consecutive wet months.

2. The greatest number of consecutive months with rainfall below the average in each month over the British Isles generally was also 7, *viz.*, from February to August, 1887 and June to December, 1902.

3. The longest sequence of wet or dry months of the same name over the British Isles generally is 7. There were 3 such groups each month being below the average. Each February in the period 1886 to 1892, each April in the period 1890 to 1896, and each August in the period 1882 to 1888, was below the average. There was no similar group

* *Q.J.R. Met. Soc.*, Vol. XLVIII (1922), pp. 139 to 166, "The Drought of 1921," by C. E. P. Brooks and J. Glasspoole.

Table IX.—SERIAL GENERAL VALUES OF SEASONAL RAINFALL FOR THE BRITISH ISLES, 1881 to 1924.

Period.				Actual Rainfall.			Per cent. of average, 1881 to 1915.		
				Winter. Oct. to Mar.	Summer. Apr. to Sept.	Seasonal Year. Oct. to Sept.	Winter. Oct. to Mar.	Summer. Apr. to Sept.	Seasonal Year. Oct. to Sept.
Oct. Sept.				in.	in.	in.	%	%	%
1881-1882	..	..	..	23.2	22.7	45.9	99	126	111
1882-1883	..	..	..	29.2	20.0	49.2	125	111	119
1883-1884	..	..	..	25.3	15.1	40.4	108	84	98
1884-1885	..	..	..	21.7	17.7	39.4	93	98	95
1885-1886	..	..	..	22.2	18.6	40.8	95	103	99
1886-1887	..	..	..	23.2	13.7	36.9	99	76	89
1887-1888	..	..	..	18.9	18.6	37.5	81	103	91
1888-1889	..	..	..	21.3	18.2	39.5	91	101	95
1889-1890	..	..	..	20.8	18.4	39.2	89	102	95
1890-1891	..	..	..	17.4	20.9	38.3	74	116	92
1891-1892	..	..	..	23.4	20.2	43.6	100	112	105
1892-1893	..	..	..	20.4	14.6	35.0	87	81	85
1893-1894	..	..	..	24.8	17.9	42.7	106	100	103
1894-1895	..	..	..	22.2	15.9	38.1	95	88	92
1895-1896	..	..	..	22.8	18.3	41.1	97	102	99
1896-1897	..	..	..	24.4	19.5	43.9	104	108	106
1897-1898	..	..	..	18.9	17.3	36.2	81	96	87
1898-1899	..	..	..	25.6	18.2	43.8	109	101	106
1899-1900	..	..	..	24.2	18.7	42.9	103	104	104
1900-1901	..	..	..	25.0	17.1	42.1	107	95	102
1901-1902	..	..	..	20.8	17.0	37.8	89	94	91
1902-1903	..	..	..	25.9	22.8	48.7	111	127	118
1903-1904	..	..	..	27.0	18.3	45.3	115	102	109
1904-1905	..	..	..	18.4	16.4	34.8	79	91	84
1905-1906	..	..	..	22.7	15.2	37.9	97	85	92
1906-1907	..	..	..	22.5	19.0	41.5	96	106	100
1907-1908	..	..	..	25.7	19.2	44.9	110	107	108
1908-1909	..	..	..	18.1	18.2	36.3	77	101	88
1909-1910	..	..	..	25.8	19.4	45.2	110	108	109
1910-1911	..	..	..	22.5	14.7	37.2	96	82	90
1911-1912	..	..	..	30.6	20.5	51.1	131	114	123
1912-1913	..	..	..	26.6	16.2	42.8	114	90	103
1913-1914	..	..	..	24.2	15.3	39.5	103	85	95
1914-1915	..	..	..	29.1	16.3	45.4	124	91	110
1915-1916	..	..	..	27.8	18.1	45.9	119	101	111
1916-1917	..	..	..	24.2	20.1	44.3	103	112	107
1917-1918	..	..	..	22.6	21.4	44.0	97	119	106
1918-1919	..	..	..	25.8	14.9	40.7	110	83	98
1919-1920	..	..	..	26.4	20.9	47.3	113	116	114
1920-1921	..	..	..	20.8	13.1	33.9	89	73	82
1921-1922	..	..	..	23.4	19.6	43.0	100	109	104
1922-1923	..	..	..	21.4	20.1	41.5	91	112	100
1923-1924	..	..	..	22.5	25.9	48.4	96	144	117

of 7 wet months, but in the period 1895 to 1901 no December was below the average, that of 1895 being just the average and the remaining 6 months being above the average.

4. If we ignore the months with rainfall just equal to the average, i.e., with 100 per cent., the frequency of wet or dry groups of months, of 1 to 7 months duration, is set out in the table below. Thus the table indicates that on 33 occasions the run of wet or dry months lasted as long as 3 months, but did not extend to the fourth month.

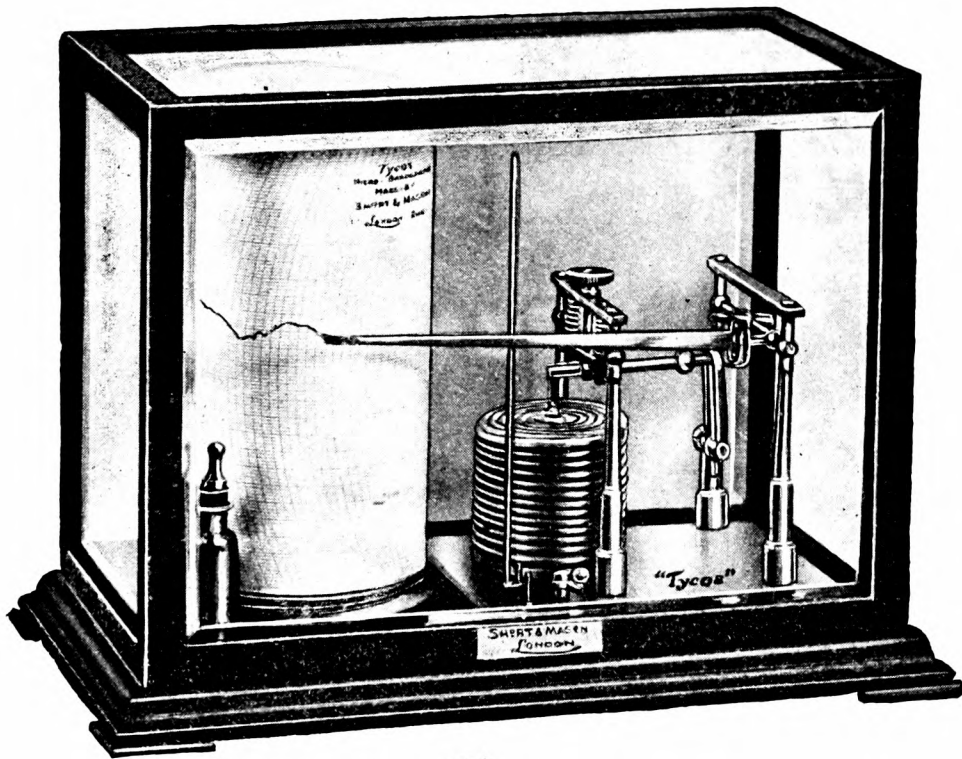
No. of consecutive wet or dry months of 7 months duration							3
"	"	"	"	"	6	"	3
"	"	"	"	"	5	"	9
"	"	"	"	"	4	"	19
"	"	"	"	"	3	"	33
"	"	"	"	"	2	"	71
"	"	"	"	"	1	"	118
							<hr/> 256 <hr/>

From the table it appears that the chances are about even whether a wet or dry month will be followed by a like type of month or an unlike one. Similarly, when the rainfall has been below or above the average for 2 consecutive months, the chances are again even whether the third month will be like or unlike. Similarly, of the 67 groups of 3 months or more, 34 continued wet or dry for at least another month and in 33 cases the sequence was broken.

Seasonal Rainfall.—The data in Table VI enable a more elaborate statement to be made of the seasonal rainfall over the British Isles than has hitherto been possible. In Table IX the values are the sums of the entries in Table VI for the winter 6 months, October to March, and the succeeding summer 6 months, April to September. The seasonal year covers the 12 months from October to September. In the last three columns the falls are expressed as a percentage of the average, 1881 to 1915. It is interesting to note that the range of the rainfall seasonal years, viz., from 51·1 in. for the period October, 1911, to September, 1912, to 33·9 in. for the period October, 1920, to September, 1921, is not so great as that for the calendar years, viz., from 52·6 in. in 1903 to 31·7 in. in 1887. Attention has already been directed to the high value for the summer of 1924 in the article on seasonal rainfall in *British Rainfall, 1924*. It will be noticed that the percentage values given in this article, although not identical, are very similar to those of Table IX, the differences arising from the fact that the two estimates were made from a somewhat different series of rainfall data. The values of this paper have the advantage of covering a longer period. Information is given in Tables II to IV and in Table I which enables the rainfall to be evaluated for England and Wales, Scotland and Ireland for each summer, winter and seasonal year of the period 1881 to 1924.

The greater part of the statistical work involved in this paper has been kindly undertaken by Mr. M. J. Salter, of Mickleton, to whom our thanks are due.

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