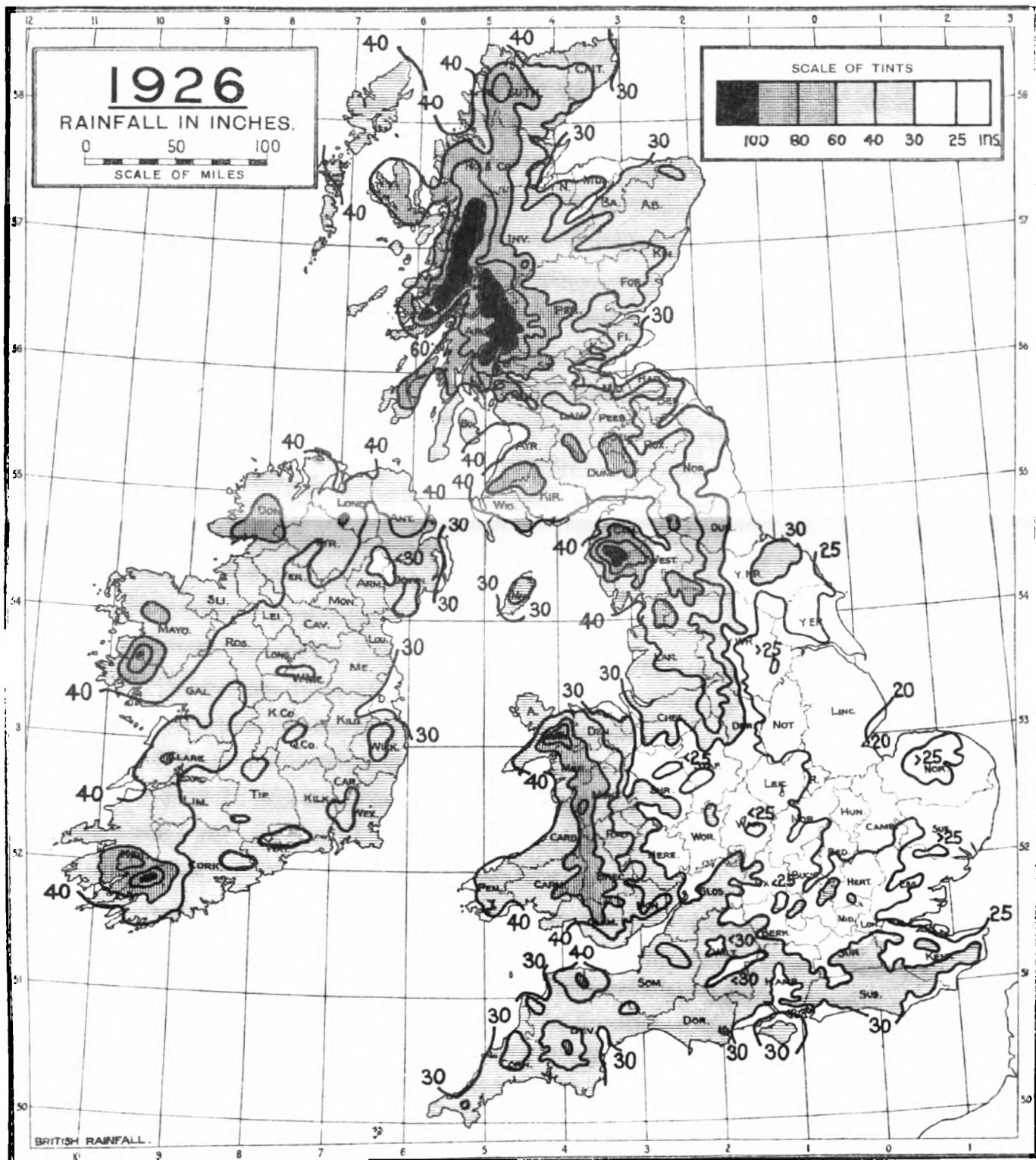


BRITISH RAINFALL,
1926.



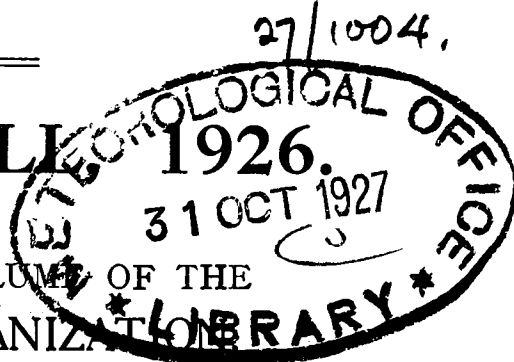
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METEOROLOGICAL OFFICE—AIR MINISTRY.

BRITISH RAINFALL 1926.

THE SIXTY-SIXTH ANNUAL VOLUME OF THE
BRITISH RAINFALL ORGANIZATION



REPORT ON

THE DISTRIBUTION OF RAIN

IN SPACE AND TIME OVER

THE BRITISH ISLES

DURING THE YEAR

1926

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:

PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.

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1927

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ERRATA IN "BRITISH RAINFALL, 1925."

- p. 55. Table XX. Absolute Highest Rainfall for 1925 at Snowdon (L. Llydaw Copper Mine), *for* 4·33 ; 3·0 *read* 4·13 ; 2·8.

- p. 171. Delete East Budleigh (Yettington) and data relating thereto.

- p. 157. Oxford (Radcliffe Obsy.) Insert (+A).
 Height above Sea Level, *for* 280 *read* 208.
 Days with ·01 in. or more, *for* 181 *read* 184.

ERRATA IN "BRITISH RAINFALL," 1916 TO 1925.

GENERAL TABLE. Carnarvon 2—Conway & C.

For Deganwy (Y Berlfa) (R) *read* Deganwy (Y Berlfa) in each issue from 1916 to 1925. Previous to 1916 the record at this station was from a mechanical gauge.

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BRITISH RAINFALL, 1926

PART I

THE WORK
OF THE
BRITISH RAINFALL
ORGANIZATION

BRITISH RAINFALL, 1926.

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 1926 were made in part by private observers; in part by the officials of various public bodies, who have voluntarily forwarded copies of their observations; and to a small extent by the official observers of the Meteorological Office. The thanks of the office are due to the large body of voluntary observers without whose continued co-operation this detailed study of the rainfall of the year could not be undertaken. 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 later years on the one hand and those for previous years on the other, it is to be noted that to economise space in recent years certain records have been 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.

It is disappointing to record a net loss of 21 stations in Ireland after the net gain of 11 stations reported last year. As the total number of stations shown for Ireland in 1925 was only 259, the loss amounts to 8 per cent. and appreciably affects the representation of the rainfall of that country. It may, however, be noted that a portion of the loss has been caused by the discovery of faults in gauges or in exposures on inspection, and that in most of these cases the observers have rectified the faults. It is hoped that such records can be restored in the future. Apart from the loss in Ireland, the number of recording stations is well maintained. In Scotland the counties with the largest gains were Argyll, Inverness and Ross-shire where the net gain was 9, 6 and 5 respectively. This is all the more satisfactory since these are counties where additional records are particularly required. The relatively small loss in England does not affect appreciably the distribution of the recording stations.

The number of records published in the General Table for 1926 is 4,877 being 8 less than in the previous year. There were 15 records less in England and 21 in Ireland, but 3 more in Wales and 25 more

in Scotland. In addition to the 4,877 some 260 records were received. These were not included in the General Table for one or more of the following reasons:—(a) the record was not complete for the year, (b) the record was from a check gauge, (c) the record was from a gauge either exposed on a roof, or from a mechanical gauge, the annual total being out of harmony with those from neighbouring stations, (d) the gauge developed a leak during the year and the record was therefore unreliable, or (e) the gauge was not well-exposed so that it did not catch a fair sample of the rain falling in the locality. The observers concerned have been recommended to take into use standard gauges and to expose them in the manner described in “ Rules for Rainfall Observers.”

The loss of records from the following stations is especially regretted, since these are all old-established stations, for which average values for the 35 years 1881 to 1915 have been evaluated. Tenterden (View Tower) in Kent; Sherborne St. John Rectory in Hampshire; Marlborough (Mildenhall) in Wiltshire; Callington (Pencrebar) in Cornwall; Fulbeck Hall in Lincolnshire; Sedbergh (Akay) in Yorkshire; Rothbury (Cragside) in Northumberland; Whitehaven (Irish Street) in Cumberland; Cowbridge (Fonmon Castle) in Glamorgan; Drumlanrig Gardens in Dumfriesshire, and Inverness High School.

The loss of the following records is also to be deplored since the distribution of rainfall stations over the British Isles is less satisfactory in consequence of their absence. Shiskine in Bute; Marble Lodge in Glen Tilt; Bonar Bridge Station in the north-east of Ross-shire; Gortmore in Galway and Swinford Rectory in Mayo. The record from Gearahameen to the south-west of Killarney is not available this year owing to the gauge having developed a leak. This record often gives some of the largest monthly totals in Ireland.

Among the new records of special importance may be mentioned those from a group of 21 gauges set up on the moorlands to the north of Bolton by the Bolton Waterworks. The five additional records from Taff Fechan, Breconshire, are of particular interest in that they are on the area draining to Pontsticill Reservoir, which was opened in 1927 and is the third largest reservoir in Wales. It was found that the records from Loch Drome and Braemore House, which had not been received since 1914, were still being maintained, and the Rev. Sir Montague Fowler, Bt., has kindly forwarded the records together with that from Inverbroom House since 1919. These records from the head of Loch Broom on the west coast of Ross-shire are particularly valuable as they come from a region of which the rainfall is only imperfectly represented. The new record from Eoligarra in Barra Island suggests that the rainfall on that Island may be somewhat heavier than had been previously supposed. The new record from Kilgarvan (Inchamore) in Kerry gave the largest monthly amount for any station in Ireland during the year.

*British Rainfall, 1926, compared with 1925.**Number of Records Published.*

		Gain.		Loss.	Difference.		Per cent. change in year.
England	..	215	..	230	.. - 15	..	- 0.4
Wales, etc.	..	17	..	14	.. + 3	..	+ 0.7
Scotland	..	54	..	29	.. + 25	..	+ 3.3
Ireland	..	14	..	35	.. - 21	..	- 8.1
British Isles	..	300	..	308	.. - 8	..	- 0.2

*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	3438	438	756	248	4880	+ 16	4.0
1925	3437	439	750	259	4885	+ 5	4.0
1926	3422	442	775	238	4877	- 8	4.0
Difference from 1925 :	-15	+ 3	+ 25	- 21	- 8	-	0.00

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 Natural History Society ; 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 ; Mr. A. A. Barnes, of the Manchester and Stockport Rainfall Organization ; Miss Cordelia Marshall of Ambleside ; and Mr. E. W. M. Murphy, of the Irish Rainfall Association.

RAINFALL RECORDS, 1926.

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County.	Records in 1925.	Records Lost.	Records Gained.	Records in 1926.	Records per 100 sq. mi. of area.	County.	Records in 1925.	Records Lost.	Records Gained.	Records in 1926.	Records per 100 sq. mi. of area.
ENGLAND.						SCOTLAND.					
LONDON ..	59	0	1	60	51	WIGTOWN ..	10	1	0	9	2
SURREY ..	174	18	10	166	23	KIRKCUDBRIGHT ..	18	4	1	15	2
KENT ..	149	9	9	149	10	DUMFRIES ..	18	1	1	18	2
SUSSEX ..	161	15	14	160	11	ROXBURGH ..	15	1	1	15	2
HAMPSHIRE ..	171	14	14	171	11	SELKIRK ..	6	0	1	7	3
BERKSHIRE ..	51	2	2	51	7	PEEBLES ..	12	0	0	13	4
MIDDLESEX ..	61	5	4	60	25	BERWICK ..	12	0	0	12	3
HERTFORDSHIRE ..	77	5	4	76	12	HADDINGTON ..	9	0	2	11	4
BUCKINGHAMSHIRE ..	42	3	2	41	6	MIDLOTHIAN ..	36	0	1	37	10
OXFORDSHIRE ..	50	4	4	50	7	LINLITHGOW ..	19	0	0	19	16
NORTHAMPTON ..	63	3	5	65	6	LANARK ..	42	1	1	42	5
HUNTINGDONSHIRE ..	8	1	0	7	2	AYR ..	34	1	5	38	3
BEDFORDSHIRE ..	21	2	4	23	5	RENFREW ..	43	0	1	44	18
CAMBRIDGESHIRE ..	43	3	4	44	5	DUMBARTON ..	21	0	2	23	9
ESSEX ..	100	3	5	102	7	STIRLING ..	37	0	0	37	8
SUFFOLK ..	53	4	5	54	4	BUTE ..	7	1	0	6	3
NORFOLK ..	90	8	2	84	4	ARGYLL ..	66	2	11	75	2
WILTSHIRE ..	58	12	6	52	4	CLACKMANNAN ..	8	0	0	8	15
DORSETSHIRE ..	75	5	7	77	8	KINROSS ..	3	0	1	4	5
SOUTH DEVON ..	160	11	9	158	9	FIFE ..	35	3	2	34	7
NORTH DEVON ..	49	7	0	42	5	PERTH ..	73	4	1	70	3
CORNWALL ..	77	9	3	71	5	FORFAR ..	35	0	0	35	4
SOMERSETSHIRE ..	149	9	8	148	9	KINCARDINE ..	11	1	1	11	3
GLOUCESTERSHIRE ..	99	5	6	100	8	ABERDEEN ..	36	0	0	36	2
HEREFORDSHIRE ..	41	1	3	43	5	BANFF ..	12	0	0	12	2
SHROPSHIRE ..	53	4	1	50	4	MORAY or ELGIN ..	11	2	0	9	3
STAFFORDSHIRE ..	60	4	1	57	5	NAIRN ..	5	0	0	5	3
WORCESTERSHIRE ..	61	2	5	64	9	INVERNESS ..	61	4	10	67	1.5
WARWICKSHIRE ..	41	5	5	41	5	ROSS & CROMARTY ..	23	3	8	28	0.9
LEICESTERSHIRE ..	32	3	2	31	4	SUTHERLAND ..	9	0	2	11	0.5
RUTLANDSHIRE ..	1	0	0	1	0.7	CAITHNESS ..	10	0	0	10	1.4
LINCOLNSHIRE ..	59	4	4	59	2	ORKNEY ..	9	0	1	10	3
NOTTINGHAMSHIRE ..	50	0	0	50	6	SHEPHERD ..	4	0	0	4	0.7
DERBYSHIRE ..	76	5	3	74	7	IRELAND.					
CHESHIRE ..	81	4	2	79	8	CORK ..	24	3	0	21	0.8
SOUTH LANCs. ..	104	5	23	122	18	KERRY ..	13	2	2	13	0.7
CENTRAL LANCs. ..	76	0	2	78	15	WATERFORD ..	7	2	0	5	0.7
NORTH LANCs. ..	50	0	3	53	9	TIPPERARY ..	17	3	1	15	0.9
YORKSHIRE, W.R. ..	301	14	7	294	11	LIMERICK ..	10	1	0	9	0.9
YORKSHIRE, E.R. ..	28	2	2	28	2	CLARE ..	5	0	0	5	0.4
YORKSHIRE, N.R. ..	85	5	9	89	4	WEXFORD ..	7	0	0	7	0.8
DURHAM ..	40	3	4	41	4	KILKENNY ..	4	1	1	4	0.5
NORTHUMBERLAND ..	44	5	2	41	2	WICKLOW ..	9	0	0	9	1.1
CUMBERLAND ..	60	5	5	60	4	CARLOW ..	5	0	0	5	1.4
WESTMORLAND ..	54	2	4	56	7	QUEEN'S COUNTY ..	5	2	0	3	0.5
MONMOUTH, WALES, ETC.						KING'S COUNTY ..	9	1	0	8	1.0
MONMOUTH ..	37	3	1	35	7	KILDARE ..	2	1	0	1	0.2
GLAMORGAN ..	55	2	3	56	7	DUBLIN ..	31	6	3	28	7.9
CARMARTHEN ..	17	0	0	17	2	MEATH ..	6	1	1	6	0.7
PEMBROKE ..	15	2	0	13	2	WESTMEATH ..	9	0	0	9	1.3
CARDIGAN ..	18	0	0	18	3	LOUTH ..	4	0	0	4	1.3
BRECON ..	84	2	5	87	12	LONGFORD ..	4	0	0	4	0.9
RADNOR ..	23	1	0	22	5	GALWAY ..	6	1	0	5	0.2
MONTGOMERY ..	24	0	0	24	3	ROSCOMMON ..	2	0	0	2	0.2
FLINT ..	16	3	0	13	5	MAYO ..	7	1	1	7	0.3
DENBIGH ..	42	1	3	44	7	SLIGO ..	2	0	0	2	0.3
MERIONETH ..	19	0	1	20	3	LEITRIM ..	2	0	0	2	0.3
CARNARVON ..	47	0	2	49	9	CAVAN ..	4	0	0	4	0.5
ANGLESEY ..	11	0	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	23	0	2	25	33	ARMAGH ..	5	0	0	5	1.0
						DOWN ..	18	4	1	15	1.6
						ANTRIM ..	20	4	2	18	1.5
						LONDONDERRY ..	9	0	1	10	1.2
						TYRONE ..	4	1	1	4	0.3
						DONEGAL ..	5	1	0	4	0.2

ORGANIZATION.—The arrangement referred to last year under which the work of the British Rainfall Organization is carried out in conjunction with corresponding work in connexion with the climatology of the British Isles, has been continued. Certain modifications in the routine have however been introduced in order to economize time. So far as rainfall is concerned the modifications are two in number :—

(1) After careful consideration, it was decided to alter the form of the general table of annual rainfall at each of the stations, printed in Part III of the volume, by the omission of the column for the rainfall of the year expressed in millimetres, and the substitution for it of a column for average rainfall to the nearest tenth of an inch. Totals in millimetres have appeared in each of the volumes from 1914 to 1925 inclusive. The averages which now appear in the table, will, it is felt, be generally welcomed, but it is necessary to state that they are not all strictly comparable with one another. Averages for the standard period of 35 years 1881-1915, are always given, if possible, and as these are being gradually computed for the work on the Rainfall Survey referred to below, it is hoped in course of time gradually to eliminate the averages for all other periods. If averages for the standard period are not available, averages are admitted which are derived from reliable observations extending over a period of at least 20 years.

It will be seen that the column is as yet far from being complete, for there are many stations in the table which have been in operation for 20 years or more against which no average values are printed. Observers and others who have computed averages for individual stations for a period of at least 20 years are requested kindly to communicate details to the Office, if they find that suitable averages are not printed in this volume. Areas for which the detailed rainfall survey has not yet been carried out are usually indicated by the occurrence of numerous blanks in the column of averages on the pages devoted to stations in those districts. The column can, therefore, be regarded as a rough index of the amount of work still remaining to be done before the survey is completed.

(2) The second change in routine referred to above is a reduction in the amount of time given to the detailed examination of the rainfall returns. More reliance than ever is now placed on the plotting of the monthly and annual values on large scale maps ; and, as a general rule, only those values which appear anomalous after plotting on the maps are scrutinised in detail. To facilitate the plotting a special charting table has been devised and obtained, which materially accelerates the work, and puts a draughtsman who may be strange to the work on comparable terms with one who has had considerable experience, and is, therefore, acquainted with the positions of many of the stations.

INSPECTIONS.—During the year ending 31st March, 1927, 188 rainfall stations were inspected. These were situated in various parts of the country, but with a view to the rainfall survey, a large number of stations in the eastern counties was visited. Numerous stations in Northumberland and Durham were also inspected, while, by arrangement with the Board, a questionnaire was circulated to the observers at stations maintained by the Board of Northern Lights.

SURVEY MAPS.—Work was continued on the rainfall survey of the British Isles on the scale of 2 miles to an inch. The map of Norfolk was completed, and additional averages were computed for stations in Somerset and Hereford. The extraction of data for Wiltshire and Dorset was commenced, with a view to the preparation of standard averages for stations in these counties.

PROFESSIONAL WORK.—The regular reports to the Metropolitan Water Board and the Thames Conservancy have been continued.

A report was supplied to the Ministry of Agriculture and Fisheries on the average annual rainfall over a portion of the Valley of the South Teign River, in connexion with a parliamentary bill promoted by the Corporation of Torquay.

Reports on the rainfall over the valleys of the rivers Thames and Lee, and on the rainfall over a portion of Inverness-shire were prepared for firms of engineers in connexion with questions of water-supply.

Weekly values of rainfall for one year at rainfall stations in the valley of the Tyne were supplied to an inspector of the Ministry of Agriculture and Fisheries.

Maps of average rainfall distribution over the Huddersfield district, for each of the four quarters of the year, were supplied to the Tolson Memorial Museum, Huddersfield.

Rainfall and other data were supplied to the Board of Trade for inclusion in the "Statistical Abstract of the United Kingdom."

INQUIRIES.—A large number of other inquiries for rainfall data were dealt with. The rainfall data in charge of the Organization are supplied without fee to those who wish to consult them in person or to copy them. If copies are required to be supplied, a small fee is charged to cover the cost of making the copies.

RAINFALL ATLAS.—A rainfall atlas of the British Isles was recently published by the Royal Meteorological Society, based on information supplied by the Organization. Dr. H. R. Mill, formerly director of the Organization, contributed a preface to the volume, for which the following table was specially prepared. The table is reprinted by permission of the Society, in order that it may be available to readers of *British Rainfall*. It refers to the average distribution of rainfall as shown on the map of average annual rainfall of the British Isles.

Areas of the different Rainfall Zones over the British Isles.

	Less than 20 in.	In. 20-25	In. 25-30	In. 30-40	In. 40-50	In. 50-60	In. 60-80	In. 80-100	In. 100-150	Greater than 150 in.	Total area
	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.	Sq. mi.
England	53	5,610	21,970	14,670	4,840	1,970	880	190	120	7	50,310
Wales (& Monmouth) ..	..	..	230	1,705	2,590	1,740	1,270	340	121	4	8,000
Isle of Man ....	..	..	..	105	110	15	..	..	..	..	230
Scotland .....	..	220	1,940	8,860	7,540	5,180	4,280	1,370	739	11	30,140
Ireland .....	..	..	500	13,680	12,510	3,210	2,110	423	7	..	32,440
British Isles	53	5,830	24,640	39,020	27,590	12,115	8,540	2,323	987	22	121,120

OBITUARY.

Intimation has been received during the period 1st August, 1926, to 30th June, 1927, of the death of 40 rainfall observers who have contributed observations, summaries of which have been printed in *British Rainfall*. Of these, the following kept 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>
Lieut.-Col. Henry Mellish, D.L., C.B., J.P.	Hodsock Priory, Worksop	52
R. W. Clutton	Reigate, Surrey	46
C. Wright	Stretham Ferry, Cambs...	43
Francis Campbell Bayard, LL.M.....	Wallington, Surrey	41
Charles J. T. Lynes, J.P.	Blakeney, Norfolk	34
C. B. Mercer	East Malling, Kent	31
Miss E. D. Woodhouse	Burghill Court, Hereford..	30

LIEUT.-COL. HENRY MELLISH, C.B., J.P., who died on 2nd February, 1927, in his 71st year was well-known to readers of *British Rainfall* as one of the ten trustees in whom the endowment fund and the property of the British Rainfall Organization, including the rainfall records, were vested in 1910. In conjunction with Dr. H. R. Mill, Director of the Organization, the trustees carried on the work of the Organization until 1919 when it was taken over by the Meteorological Office, Air Ministry. Colonel Mellish took a keen interest in the welfare of the Organization to the end of his life, and it was largely owing to his initiative that the publication in 1926 of the *Rainfall Atlas of the British Isles* was carried through, by the Royal Meteorological Society, out of the endowment fund which was presented to the Society by the Trustees, after the transfer to the Air Ministry mentioned above. Colonel Mellish served on the Council of the Royal Meteorological Society from 1902 to 1925 and followed Dr. Mill as president of the Society in 1909-10. He attended the meetings of the Society with great regularity, usually travelling

pecially to London from Nottingham for the purpose. He maintained at Worksop a full climatological station and published a summary of his observations every year in pamphlet form. Only a few months before his death he issued a *résumé* of the results of his 50 years' observations.

Colonel Mellish's interests were by no means confined to meteorology. He was Deputy Lieutenant of the county of Nottingham and a county magistrate, and as such was greatly occupied in public work of many kinds. He was an ardent cyclist, and his proficiency with the rifle was such that he shot for England in the match for the Elcho shield on over twenty occasions.

MR. FRANCIS CAMPBELL-BAYARD, LL.M., died on 22nd January, 1927, at the age of 75. Mr. Bayard was a barrister-at-law of the Inner Temple, and was keenly interested in meteorology. He was president of the Royal Meteorological Society in 1898 and 1899, and honorary secretary in 1892, and from 1900 to 1915. He contributed a number of papers on climatological subjects to the Society's journal. He organized the collection of rainfall data in the Croydon area on behalf of the Croydon Natural History and Scientific Society for a period of 37 years, and handed over the work to the British Rainfall Organization so lately as 1925.

BRITISH RAINFALL, 1926

PART II

RAINFALL AND METEOROLOGY

OF

1926

1. A BRIEF SUMMARY OF THE RAINFALL OF THE YEAR, 1926.

The rainfall of the year 1926 over the British Isles as a whole was similar to that of 1925 in being slightly in excess of the average. In each of the five years 1922 to 1926, rainfall reached or exceeded the average, this being the longest run of consecutive wet years since the period 1875 to 1883. The general values for the countries are set out below for the years 1921 to 1926:—

Annual Rainfall as per cent. of Average, 1881–1915.

	1921	1922	1923	1924	1925	1926
	%	%	%	%	%	%
England and Wales ..	70	105	113	120	106	102
Scotland	99	94	120	105	100	111
Ireland	88	92	110	122	99	100
British Isles	82	100	114	117	104	103

The distribution of the rainfall during 1926 was unusually uniform. More than 120 per cent. occurred, however, locally near Brighton and Stratford-on-Avon, over considerable areas in the south-east of Scotland and north-east of England, and also from Bute to Islay. On the other hand, less than 80 per cent. was recorded only near Land's End.

The general rainfall of the summer, April to September, 1926, of the preceding winter, October, 1925, to March, 1926, and of the seasonal year, October, 1925, to September, 1926, was also remarkably close to the average. The rainfall of the summer was slightly above the average, although drier than any of the preceding four summers. In most parts of the country the seasonal rainfall was also unusually close to the average. There were, however, three well marked areas in which the fall of the seasonal year exceeded 120 per cent. of the average, *viz.*, near Dundee, near Brighton, and in Northumberland. The former was associated with heavy winter rains as well as some intense summer thunderstorm rains, and the other two with heavy summer rain. At Penzance the falls of the winter and summer were 81 and 76 per cent. of the respective averages.

While the rainfall of the calendar year and of the seasons over the British Isles was close to the average, the distribution in time was very erratic. The year includes the wettest January since 1877, the wettest November since 1870 (that of 1877 being, however, equally wet), and the driest December since 1870, when comparable statistics became available. Many records of rainfall of longer duration gave extreme monthly values in 1926. Another noteworthy feature of the monthly rainfall was the dryness of March, this being the fifth dry March in succession. Considerable areas in the neighbourhood of the Thames estuary received only about one-tenth of an inch of rainfall during the month.

A feature of the rainfall of the year was the comparative absence of widespread heavy falls of rain. The most noteworthy instance of a widespread heavy fall during the year was that associated with the very severe thunderstorms which commenced late on July 17th, on the south coast, in Devon and Dorset, and spread generally to most parts of England, Wales, Ireland and south and east Scotland during the following two days.

On the other hand, in January and November, days with rain were unusually frequent, and in the summer months the number of intense falls in short periods was greater than usual. Of these, reference may be made to the thunderstorms of August 6th and 16th to 17th. During the former, an inch of rain fell in twenty minutes at Dundee, and considerable flooding occurred. During the latter, much damage to property and crops was caused by lightning, wind, heavy rain and hail in the south and south-east of England.

Of the more outstanding features of the monthly rainfall, the following points may be mentioned:—*January* was very wet everywhere except in the extreme north of Scotland. More than twice the average occurred over large areas in the south-east of Ireland and in parts of Hampshire, Berkshire, Cambridge and Norfolk. Although the total precipitation for *February* was above the average in each of the countries as a whole, amounts varied considerably, some districts showing marked deficit and others an excess. At Dundee, where the fall was 264 per cent. of the average, the month was the wettest February since 1872. This was all the more remarkable since it followed the wettest January at this station since 1867. In both January and February there was a remarkable rainfall gradient between Dundee and Grantown-on-Spey, since about half the average occurred at the latter station in these two months. *March* was an exceptionally dry month, except in northern and central Scotland, the deficiency being greatest in the south-east of England, where less than 10 per cent. of the average fell in many places. *April* was remarkable for the persistent rains in Essex, where at Chelmsford the total of 4.55 inches, or 355 per cent. of the average, was the largest total recorded at that station in

April since the record began in 1868. Although in *May* the general rainfall for the British Isles was only 15 per cent. in excess of the average, more than twice the average was exceeded in three small areas, *viz.*, near Londonderry, in the north of Gloucestershire, and in the south of Kent. The rainfall of *June* was nearly everywhere in excess of the average, the largest excesses occurring in the east of Great Britain. It was the first really wet June in the British Isles as a whole since 1912. The rainfall of *July* did not differ appreciably from the average over the British Isles as a whole. The unusually heavy and widespread thunderstorms occurring on the 18th and 19th accounted to a large extent for the wide variations in the monthly totals from place to place. *August* was the driest month of the summer over the British Isles generally, less than the average being recorded over about two-thirds of the total area. *September* was dry in the south of England and of Ireland, but wet in the northern districts. In many places along the south and south-east coasts of England there was less than one-quarter of the average. On the other hand to the north-east of the English Lake District, in Haddingtonshire and along the coast from Dundee to Aberdeen, the fall exceeded twice the average. *October* was wet in Scotland. At Deerness the month's total was the largest recorded in any month in Orkney back to 1841. The rainfall over Ireland was about the average, and that over England and Wales rather below generally. *November* was exceptionally wet, monthly totals being well above the average everywhere, except in some northern districts in Scotland. *December* was as abnormally dry as November was wet, less than ten per cent. of the average occurring in parts of the south coasts of England and of Ireland. The rainfall of the month exceeded the average, however, over the north of Scotland. As in November, this region did not share in the general conditions which prevailed over the remainder of the British Isles.

2. THE DISTRIBUTION OF RAINFALL IN TIME.

THE NUMBER OF RAIN DAYS AND WET DAYS IN 1926.

At the great majority of the stations from which rainfall returns are received, the rain is measured once a day, and this discussion on the distribution of rainfall in time is based on these daily measurements. There are in operation, however, a number of self-recording rain-gauges, the records from which supply material for a much more detailed study of the question. To these records, Sections 5 and 6 entitled "Duration of Rainfall," and "Heavy Falls in Short Periods," are wholly or partially devoted. On the other hand, at many important but inaccessible stations, usually in very wet areas, rainfall is measured only once a week or once a month. These areas may be incompletely represented in the present section, since the week or month is not a suitable time-unit for this discussion.

The following definitions have been used in *British Rainfall* in order to obtain a homogeneous series of statistics :—

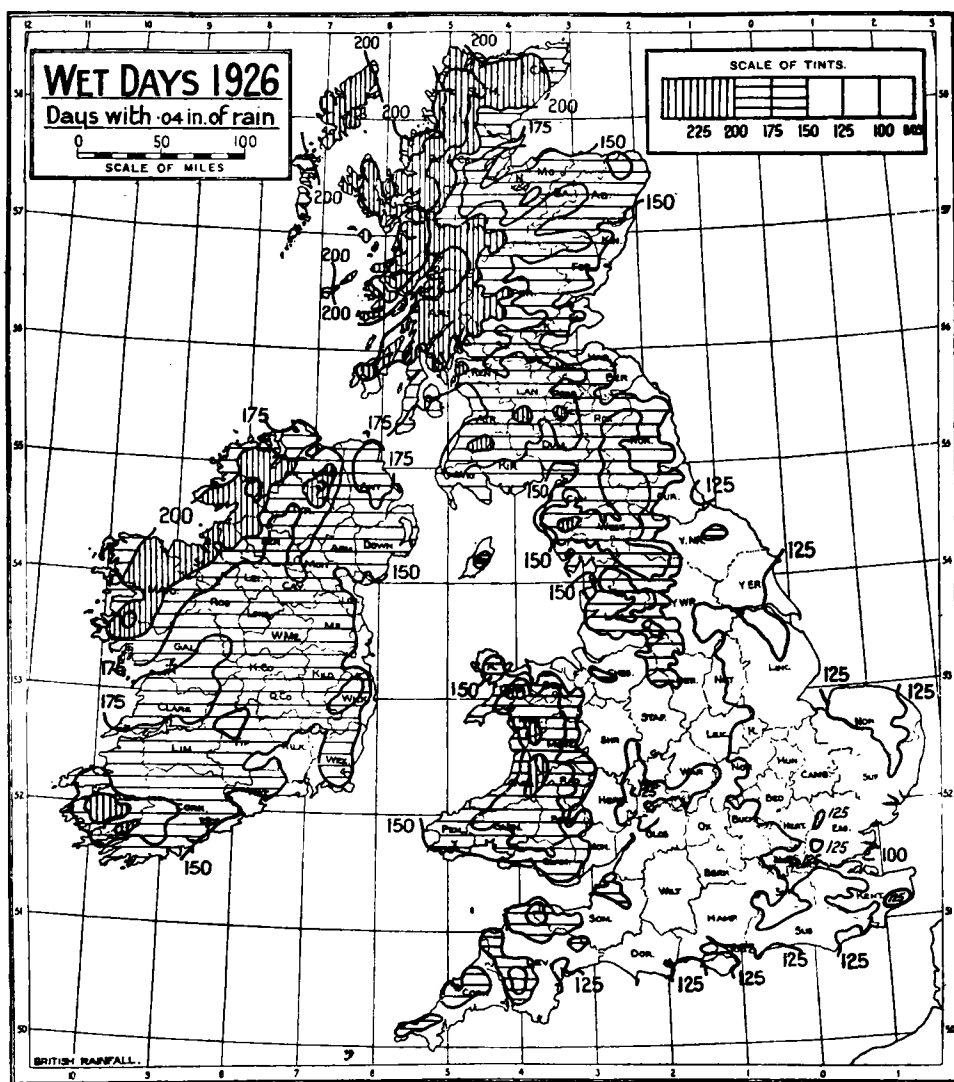
A *rain day* is a period of 24 hours, commencing normally at 9 a.m. on which $\cdot 01$ inch, or 0.2 mm. or more of rain is recorded.

A *wet day* is a period of 24 hours, commencing normally at 9 a.m. on which $\cdot 04$ inch, or 1.0 mm. or more of rain is recorded.

The former definition dates back to the year 1865, the latter was adopted only 10 years ago. Each of the terms "rain-day" and "wet-day" is open to criticism, the latter particularly so, since it has a different meaning in ordinary use. It must, therefore, be understood that whenever these terms are used in this publication, the meanings set out above are always to be attached to them.

For reasons which are set out in the article entitled "The distribution over the British Isles in time and space of the annual number of days with rain," which is printed in Part IV of this volume,

there has been difficulty in regarding all the statistics of numbers of rain-days at the several stations as being comparable with one another, and it was this reason, coupled with the fact that similar data are published for certain other countries of Europe, which led to the introduction of statistics of "wet-days" in 1917. Latterly, however, attention has been redirected to the improvement of the statistics of "rain-days." A new taper rain measure has been brought into use, and new regulations for reporting small quantities of rain have been



Number of "Wet Days" in 1926.

prepared. These matters were dealt with in full in *British Rainfall*, 1925, pp. xvi and 5 and 6. There is good reason to believe that if the new measure and the new regulations were generally brought into use, the only serious obstacle which would remain to prevent the attainment of complete comparability of statistics of rain-days would be the fact

that some observers do not yet methodically observe the rule to examine their gauges *every* morning. They omit to do so when they believe that no rain has fallen. Such observers are recommended to try this golden rule for a month or two. They would probably be surprised to find on how many days rain or other precipitation had actually fallen in measurable quantity, contrary to their expectations. It should be noted that precipitation in the form of dew, mist or fog is frequently measurable, and *the day on which such precipitation is measured counts as a rain-day if the measurement exceeds .005 inch.*

As usual, the general table of rainfall in Part III of this volume shows the number of rain-days and wet-days in 1926 as reported from each station at which daily observations were made. The numbers of wet days have been plotted on a large map of which the illustration on p. 6 is a reduced copy. The distribution of the numbers over the country is shown on the map in the usual manner by lines drawn through the positions of stations which reported specified numbers of wet days.

In order to study the distribution of rain-days and wet-days throughout the year, 100 stations have been selected to represent as uniformly as possible the conditions over the whole of the British Isles, and the numbers of rain-days and wet-days for each month as well as for the whole year have been extracted from the returns from these stations and printed in Table IV. Monthly general numbers (for England and Wales, Scotland, Ireland and for the British Isles) have been worked from these data and they are shown in the table in heavy type. The annual mean values for 1926 are shown again in Tables I and II, where they can be readily compared with similar values for the intervening years from 1917; and, in the case of rain-days, with the averages. Table III contains a conspectus of the monthly general numbers of wet-days for the British Isles, from 1917 to 1926.

For the British Isles as a whole, the months with fewest wet-days in 1926 were March with 9 wet-days and December with 10, while the months with the greatest number of wet-days were January with 20 and November with 19. These characteristics were locally much more pronounced; thus, for England and Wales, the average number of wet-days in March and December was only 6, while in Ireland there were on the average 9 wet days in December and 22 in January. In Scotland the distribution was different, the months with fewest wet days being on the average July with 11 and June with 12, while the maximum number was 20 in January. The variation of rain-days exhibited similar features.

In 1926, there was no dry month that could compare with June, 1925, and indeed, in Table IV there is only one instance of a month passing without a single wet-day, viz., March at Great Wakering, Essex. The lowest number of rain-days shown in that table for any month is 4 in March at Eye, Northants, at Haughley, Suffolk, and also at Great

Wakering. For June, 1925, 6 stations of the Table had no rain-days, while no fewer than 26 stations had no wet-days.

At the other extreme we find in January, 1926, 29 rain-days at Ballynahinch Castle, Co. Galway, 28 days at four places in Scotland, viz., Balmoral (Aberdeenshire), Ettrick Manse (Selkirkshire), Strathaven (Lanarkshire) and Islay (Argyllshire), and 28 days at Grasmere (Westmorland), and, at Treherbert (Glamorgan). The wet month of November also provided many rain-days. At Filey (Yorks) every day of the month had at least $\cdot 01$ in. and 29 rain-days were recorded at Linlithgow Academy. Wet-days in January with at least $\cdot 04$ in. of rain were 26 in number at Launceston, at Islay and at Ballynahinch. No fewer than 27 wet-days were recorded in November at Guernsey, while 26 wet-days were reported in November from Haverfordwest (Pembroke), Cahirciveen (Co. Kerry) and Ballynahinch.

There were some sharp contrasts in Scotland in the month of December, for the dry period of that month, which was general in England and extended to the south-eastern counties of Scotland, was replaced further north and west by a very wet period. Thus, 4 wet days only are reported in December from Duns Castle (Berwick), Leuchars (Fife) and Banchory (Kincardine), while 20 wet days were reported from Renfrew, 23 from Fort William and 26 from places in the extreme north and west.

Table I shows that the general number of rain-days over the British Isles has remained above the average continuously since 1922. The excess for 1926 was most marked in Scotland, where every year since 1920 has shown an appreciable excess of rain-days over the average.

Table I.—*General Number of Days with $\cdot 01$ in. or more, 1917–1926, compared with Average, 1881–1915†.*

Year.	England and Wales. Average 188.			Scotland. Average 217.			Ireland. Average 220.			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.
1917	185	— 3	98	217	0	100	224	4	102	203	— 1	100
1918	200	+ 12	106	226	+ 9	104	227	+ 7	103	214	+ 10	105
1919	191	+ 3	102	214	— 3	99	213	— 7	97	203	— 1	100
1920	203	+ 15	108	232	+ 15	107	243	+ 23	110	220	+ 16	108
1921	158	— 30	84	224	+ 7	103	217	— 3	99	190	— 14	93
1922	196	+ 8	104	234	+ 17	108	226	+ 6	103	214	+ 10	105
1923	216	+ 28	115	257	+ 40	118	253	+ 33	115	236	+ 32	116
1924	202	+ 14	107	237	+ 20	109	248	+ 28	113	223	+ 19	109
1925	192	+ 4	102	231	+ 14	106	230	+ 10	105	212	+ 8	104
1926	192	+ 4	102	234	+ 17	108	226	+ 6	103	211	+ 7	103

† The averages for the period 1881–1915 are based on the records from about 100 stations distributed as evenly as possible over the country. The selection of stations is described in an article in Part IV. and the general number of rain-days in each year from 1881 will be found in Table I of that article.

Table II.—*General Number of Wet Days (Days with .04 in. or more),
in 1917 to 1926.*

	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
1925.. ..	143	179	180	162
1926.. ..	141	184	173	161

Table III.—*General Number of Wet Days (Days with .04 in. or more),
in 1917 to 1926, 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	
1925 .. 14	19	11	15	18	3	12	13	15	14	12	16	162	
1926 .. 20	15	9	12	15	11	11	13	12	14	19	10	161	

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1926.

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 14	19 12	9 5	17 15	13 10	10 10	15 12	13 9	11 6	13 11	25 19	6 3	169 126	27.23
Kent 2	Lympne Aerodrome	22 12	16 11	8 3	16 14	16 11	16 12	15 8	10 8	10 6	13 11	22 18	11 6	175 120	29.41
Sussex 3	Patcham (Brighton W.W.) . . .	24 21	18 13	6 5	19 15	19 14	12 12	17 10	15 12	13 4	15 8	26 23	10 4	194 141	36.32
Hampshire . 1	Ventnor (Royal National Hos.)	21 19	16 13	8 3	17 13	13 11	11 11	14 10	11 8	12 7	18 10	25 21	7 4	173 130	31.85
Hampshire . 7	Selborne (The Wakes)	24 20	17 13	7 5	18 14	19 12	13 9	15 10	14 9	10 6	14 11	27 24	7 2	185 135	35.99
Berkshire . 5	Upton (Manor House)	24 18	19 13	7 5	20 14	20 15	13 11	14 9	15 10	11 7	14 8	27 23	9 3	193 136	24.15
Northants . 4	Wellingborough (Swanspool)	18 15	17 12	7 3	17 15	17 14	12 12	10 7	15 9	10 9	12 10	20 17	8 5	163 128	25.92
Northants . 4	Eye (Northolm)	15 10	15 10	4 1	15 10	20 12	17 12	13 7	13 7	10 6	14 8	21 12	15 6	172 101	22.10
Cambridge . 2	Cambridge (Botanic Gardens)	19 11	17 10	5 3	17 15	17 12	13 10	13 8	11 7	11 10	12 9	18 13	7 3	160 111	23.20
Essex 3	Great Wakering	20 11	19 9	4 0	17 14	16 10	14 9	14 8	11 4	8 4	14 10	20 16	9 4	166 99	20.97
Suffolk . 2	Haughley (Haughley House).	15 11	17 10	4 4	18 14	12 8	18 12	10 9	12 8	9 7	14 10	18 14	9 5	156 112	21.05
Norfolk . . . 1	Beccles (Geldeston)	21 11	16 10	5 3	18 14	17 11	14 12	11 9	12 8	11 5	18 13	19 13	13 5	175 114	21.92
Norfolk . . . 4	Sporle	21 16	21 12	10 3	17 10	23 12	18 15	16 7	16 11	12 7	18 10	24 17	18 7	214 127	25.94
Wiltshire . . . 3	Larkhill (Sch. of Artillery) . . .	22 19	15 11	8 4	18 13	12 9	11 10	13 8	12 8	8 7	15 12	25 23	7 2	166 126	27.02
Dorsetshire . 3	Dorchester (Wollaston House)	25 21	14 10	11 5	16 15	13 13	12 9	9 9	7 6	9 4	19 13	27 23	6 3	168 131	36.81
South Devon 2	Launceston (Polapit Tamar)	27 26	18 12	11 6	13 9	16 9	12 8	12 9	13 12	14 7	14 12	27 25	15 10	192 145	36.98
South Devon 4	Holne (Church Park Cottage)	26 23	18 18	14 9	15 11	16 12	11 9	11 9	16 11	12 9	17 13	28 25	8 6	192 155	58.64
North Devon 2	Barnstaple (N.Dev. Athenæum)	25 23	19 13	7 1	15 10	13 11	11 9	13 10	19 13	14 12	16 15	26 24	12 8	190 152	32.46
Cornwall . . . 2	St. Austell (Trevarna)	25 24	20 13	13 7	16 15	18 13	14 10	10 7	16 13	11 9	17 14	27 24	16 7	203 156	38.37
Somerset . . 1	Bath (Henrietta Park)	23 20	18 11	6 4	19 15	13 12	10 10	14 10	15 10	14 11	16 13	26 24	11 3	185 143	33.17
Somerset . . 3	Angersleigh (Leigh Court) . . .	24 22	18 11	10 5	16 12	13 11	12 11	13 9	13 7	10 7	17 15	26 23	10 5	182 138	36.16
Gloucester . 4	Mickleton (Bank House)	19 17	17 7	7 4	17 13	18 14	13 11	15 10	19 9	11 8	15 12	25 17	7 2	183 124	25.89
Hereford . . 1	Ross (Birchlea)	22 17	15 11	5 2	16 13	18 14	8 6	15 9	15 9	11 5	16 12	25 22	13 3	179 123	29.12
Shropshire . 3	Bishops Castle (Castle St.).	23 20	16 15	10 4	17 13	18 14	10 8	13 13	17 13	16 10	16 13	22 19	10 7	188 149	29.04
Shropshire . 4	Shifnal (Hatton Grange)	23 19	16 12	8 6	17 12	21 15	13 10	13 9	15 10	15 9	15 11	28 21	9 6	193 140	23.62

Table IV.—Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1926.—(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).	26 19	15 9	14 8	14 9	19 16	12 10	15 11	16 11	18 11	14 10	18 15	14 6	195 135	31.90
Leicester ...4	Leicester (Stoughton Drive) ..	17 13	14 11	10 6	14 9	18 12	13 12	14 10	12 9	12 9	13 10	20 16	10 6	167 123	24.42
Lincoln ....3	Horncastle	22 15	19 9	11 6	13 12	20 14	13 9	11 8	14 11	10 6	17 11	18 16	15 6	183 123	22.52
Nottingham 5	Worksop (Hodsock Priory) ..	20 12	14 10	9 3	16 13	20 15	15 12	15 10	14 12	11 8	12 8	18 14	16 6	180 123	21.24
Cheshire ...2	Northwich (Hunts Lock) ...	20 15	17 12	11 8	14 10	19 17	13 10	16 10	17 12	16 14	12 10	20 15	18 9	193 142	32.70
North Lancs. 5	Blackpool (Met. Observatory)	22 14	18 13	13 9	13 6	16 15	11 8	15 10	15 11	17 13	18 14	23 20	18 9	199 142	36.88
Yorks. W.R. 8	Meltham (Garewood Lodge).	25 20	20 15	13 7	15 13	19 14	17 14	17 10	20 17	19 12	18 14	23 16	16 10	222 162	42.87
Yorks. E.R. 3	Hull (Pearson Park)	23 16	20 10	11 5	16 11	23 14	18 11	12 8	15 11	10 2	19 14	24 16	16 5	207 123	25.66
Yorks. E.R. 4	Filey Vicarage	21 14	21 15	9 5	13 8	18 11	17 10	11 8	15 14	16 7	23 21	30 25	13 6	207 144	25.01
Yorks. N.R. 1	West Witton (Ivy House) ...	26 20	23 13	14 9	15 12	17 9	16 13	16 12	18 15	16 11	16 12	24 19	12 7	213 152	35.95
Yorks. N.R. 2	Felixkirk (Mount St. John) ..	23 17	18 11	7 4	10 3	20 15	15 15	12 11	18 15	14 10	15 11	24 18	14 7	190 137	27.24
Durham ...2	Sunderland (Mowbray Park).	17 14	21 12	13 8	10 8	18 11	14 9	13 10	16 11	14 10	17 14	20 15	8 5	181 127	23.73
North'land .6	Ilderton (Lilburn Tower)	21 19	17 14	13 7	17 12	19 13	15 15	10 9	15 13	12 8	18 12	24 17	12 5	193 144	36.45
Cumberland 1	Geltsdale	26 20	23 16	22 11	17 12	22 17	20 17	17 11	20 17	18 14	18 14	27 23	23 11	253 183	41.29
Westm'land 2	Grasmere (The Wray)	28 24	24 22	18 12	19 14	19 13	13 11	16 15	20 20	22 17	19 16	25 22	19 12	242 198	98.95
Glamorgan .6	Treherbert (Tyn-y-waun)	28 23	23 20	11 9	16 14	18 15	12 9	17 16	19 18	18 14	17 15	26 25	13 5	218 183	87.63
Carmarthen 2	Carmarthen (The Friary)	27 25	22 17	11 9	17 11	18 12	13 9	16 13	20 18	17 11	15 14	25 23	12 5	213 167	43.48
Pembroke...4	Haverfordwest (Portfield) ..	25 21	22 19	9 5	18 10	17 12	11 7	16 13	19 14	15 11	15 12	28 26	12 9	207 159	43.98
Cardigan ...3	Lampeter (Falcondale)	26 23	22 19	10 7	14 12	18 14	13 12	18 15	20 17	20 15	14 14	25 23	20 11	220 182	47.85
Denbigh ...2	Denbigh (Garn)	23 15	14 8	6 6	13 10	20 15	12 8	16 11	15 12	18 14	18 11	26 19	16 11	197 140	34.13
Merioneth...4	Dolgelly (Bryntirion)	23 19	22 18	14 12	19 16	19 16	14 14	18 17	19 17	18 12	15 13	23 21	20 15	224 190	57.54
Anglesey	Llanerchymedd (Ll'diarth Ff.)	25 21	21 17	10 8	15 9	20 15	9 8	16 13	13 12	11 10	13 12	24 20	14 9	191 154	36.71
England and Wales	(Mean of 47 Stations)	23 18	18 13	10 6	16 12	18 13	13 11	14 10	15 11	13 9	16 12	24 20	12 6	192 141	34.71

Table IV.—*Number of "Rain Days" (.01 in. or more) and of "Wet Days" (.04 in. or more) in 1926.—(con.).*

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain- fall. in.
ISLE OF MAN.															
Isle of Man..	Douglas (Borough Cemetery).	23 22	21 16	13 9	14 9	22 17	10 7	19 13	17 12	13 10	16 10	22 16	15 10	205 161	38·74
CHANNEL ISLANDS.															
Guernsey...	St. Peter Port (Grange Road)	24 22	16 14	13 9	14 12	15 12	14 10	13 9	11 7	7 3	18 14	28 27	14 9	187 148	38·00
SCOTLAND.															
Wigtown ..3	Stoneykirk (Ardwell House)...	25 20	18 15	14 8	14 8	20 16	12 9	15 12	22 16	17 11	22 16	24 18	18 12	221 161	38·39
Kirkcudbr't 5	Dumfries (Cargen).....	24 21	20 15	14 12	18 13	21 14	14 11	17 11	17 16	19 17	17 12	22 17	17 9	220 168	51·62
Selkirk. ....2	Ettrick Manse	28 25	21 18	21 16	21 17	21 20	20 17	15 11	19 15	19 16	18 13	24 19	20 12	247 199	64·27
Berwick....4	Duns Castle	21 15	23 15	23 9	19 14	24 14	18 14	16 12	17 12	13 12	16 13	22 15	13 4	225 149	34·48
Linlithgow .2	Linlithgow Academy	22 20	21 15	20 17	16 10	23 18	16 14	14 10	18 10	21 13	20 14	29 20	16 7	236 168	40·70
Lanarkshire 5	Strathaven (Dungavel).....	28 21	22 17	20 18	21 12	19 17	17 13	16 10	19 17	22 18	16 13	25 21	19 15	244 192	57·80
Ayrshire ...6	Turnberry (Hotel)	23 17	19 15	15 10	11 8	19 12	11 9	13 12	12 12	12 10	12 10	16 11	15 13	178 139	29·69
Renfrew ...3	Greenock (Prospect Hill) ...	26 21	23 21	18 16	21 13	18 12	16 12	13 7	19 17	23 16	19 14	23 22	23 20	242 191	67·80
Buteshire ...3	Dougarie Lodge	25 23	21 19	18 16	15 11	18 16	12 9	14 12	18 14	17 13	16 14	22 15	21 16	217 178	52·58
Argyllshire .6	Dalmally (Manse of Glenorchy)	25 24	22 21	18 18	18 14	25 19	16 10	13 13	23 18	21 20	18 17	20 20	23 23	242 217	92·44
Argyllshire 14	Islay (Eallabus)	28 26	21 19	19 17	15 12	17 14	16 14	17 13	22 21	19 18	25 20	25 21	26 21	250 216	64·10
Argyllshire 14	Mull (Gruline)	25 25	21 21	18 17	21 15	21 17	17 15	16 14	26 22	24 22	24 21	27 21	27 25	267 235	81·22
Fifehire ...3	Leuchars (Seaplane Station).	26 18	19 16	16 7	16 13	19 14	18 9	15 10	12 8	12 11	17 12	20 15	7 4	197 137	32·87
Perthshire .11	Aberfeldy (Dall Avon)	26 24	24 14	19 11	15 10	22 16	16 15	11 10	15 10	20 13	16 14	23 19	17 8	224 164	45·50
Kincardine .3	Banchory (Invercarnie)	24 17	19 14	18 5	19 15	24 17	17 10	12 8	14 10	14 10	21 14	20 16	9 4	211 140	35·44
Aberdeen ..1	Balmoral (Castle Gardens)...	28 23	21 11	23 13	19 15	20 15	21 17	19 10	14 9	21 12	21 17	23 21	23 8	253 171	35·05
Aberdeen ...4	Peterhead (Forehill Works) ..	27 21	18 14	17 9	20 13	22 16	12 8	9 8	14 12	19 15	25 23	22 16	20 15	225 170	34·55
Morayshire .2	Gordon Castle	17 8	19 11	17 11	15 10	23 19	19 14	11 10	16 9	19 13	22 22	19 12	18 15	215 154	26·68
Inverness ...3	Cluny Castle	26 23	23 15	23 19	20 17	22 19	19 14	15 12	20 12	22 16	17 14	23 18	23 16	253 195	42·40
Inverness .17	Fort William	25 21	22 18	19 17	19 16	24 19	16 14	16 12	24 16	23 19	19 17	21 19	25 23	253 211	82·17

Table IV.—Number of "Rain Days" (01 in. or more) and of "Wet Days" (04 in. or more) in 1926.—(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).....	25 22	23 20	22 19	18 14	21 19	15 11	14 12	25 21	22 21	22 20	24 23	26 26	257 228	76.72
Inverness .19	Barra (Castlebay).....	24 20	20 16	17 11	16 13	17 14	13 8	12 7	20 15	19 12	25 23	25 21	25 13	233 173	33.01
R' & Cromarty 3	Fortrose.....	19 7	13 10	21 19	18 12	16 14	19 12	10 6	18 11	17 11	18 16	17 10	19 9	203 137	22.21
R' & Cromarty 8	Loch Torridon (Bendamph) ..	24 23	16 16	19 19	16 16	18 18	10 9	12 12	22 21	22 22	23 21	23 22	24 24	229 223	84.26
R' & Cr'm'rtly 10	Stornoway.....	26 21	20 16	20 17	19 13	22 18	17 13	17 12	24 16	24 21	26 22	23 20	26 24	264 213	49.46
Sutherland .1	Lairg.....	20 16	21 15	24 16	18 13	18 15	18 14	11 9	22 17	19 13	19 16	23 18	28 26	241 188	41.23
Sutherland .5	Loch More (Achfary).....	26 22	19 16	22 20	19 15	22 20	19 17	14 13	25 23	25 21	28 27	24 22	26 26	269 242	89.48
Caithness .3	Thurso (Buckies).....	25 16	21 15	22 18	15 13	19 16	14 13	13 11	15 13	18 18	25 25	16 15	25 25	228 198	39.33
Scotland	(Mean of 28 Stations).....	25 20	20 16	19 15	18 13	21 16	16 12	14 11	19 15	19 15	20 17	22 18	21 16	234 184	51.62
IRELAND.															
Co. Cork . . . 6	Dunmanway (The Rectory) ..	27 24	26 23	16 13	20 15	18 16	16 11	18 14	19 18	16 11	18 18	26 20	12 4	232 187	55.06
Co. Cork . . . 7	Glanmire (Lota Lodge).....	27 24	24 22	17 11	18 14	17 14	15 10	18 11	20 15	14 5	19 12	26 20	10 5	225 163	39.77
Co. Kerry . . 3	Cahiriveen (Valentia Obsy.)	27 24	24 21	16 9	15 14	20 16	18 14	12 11	21 16	20 16	18 13	27 26	19 11	237 191	51.11
Co. Kerry . . 3	Killarney (District Asylum) ..	26 23	24 18	19 9	18 11	18 16	17 14	13 8	20 15	14 9	16 14	27 24	14 11	226 172	47.67
Waterford . . 3	Waterford (Brook Lodge)....	27 21	20 16	12 6	17 14	19 16	11 10	16 11	14 14	10 7	17 13	19 17	6 3	188 148	35.50
Tipperary . . 1	Nenagh (Castle Lough).....	26 23	23 18	15 11	19 14	19 15	14 10	19 14	19 14	18 14	17 12	26 23	15 7	230 175	40.80
Tipperary . . 3	Cashel (Ballinamona).....	27 22	22 16	13 10	19 13	20 12	14 9	19 9	18 11	17 11	14 10	27 18	14 5	224 146	32.13
Limerick . . . 2	Foynes (Coolnanes).....	27 22	23 16	19 7	17 14	20 15	21 14	18 8	23 15	17 14	18 13	26 21	17 10	246 169	38.46
Co. Wexford 4	Gorey (Courtown House)....	27 24	23 16	11 4	13 11	18 15	10 8	13 8	16 11	12 5	17 14	20 14	9 5	188 135	37.08
Queen's Co. 2	Abbey Leix (Blandsfort)....	25 22	21 15	14 7	18 16	18 17	14 11	18 14	21 15	14 12	15 9	24 18	16 8	218 164	34.66
Co. Dublin . 2	Dublin (Fitz William Square)	24 19	19 12	16 8	19 10	18 13	16 9	15 10	21 13	13 5	20 13	23 17	10 4	214 133	26.70
Co. Meath . . 4	Kells (Headfort).....	25 19	23 16	15 11	18 12	19 17	13 9	17 13	20 17	15 8	19 13	27 19	15 8	226 162	35.84
Co. W'm'eath 1	Moate (Coolatore).....	24 21	18 16	13 10	16 9	17 16	13 11	18 12	20 15	17 11	14 10	24 21	20 9	214 161	33.18
Co. Longford 2	Castle Forbes Gardens.....	26 22	21 16	15 9	19 12	17 14	15 11	15 11	18 16	18 16	14 13	24 19	18 6	220 165	35.97
Co. Galway . 3	Ballynahinch Castle.....	29 26	26 22	21 12	19 15	21 16	21 14	17 14	22 18	21 18	18 16	27 26	22 15	264 212	66.25

Table IV.—Number of "Rain Days" (01 in. or more) and of "Wet Days" (04 in. or more) in 1926.—(con.)

County and River Division.	Station.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year.	Total Rain-fall.
IRELAND															
—(con.)															
Co. Mayo . . . 4	Mallarany	26 24	20 18	17 12	16 14	21 17	16 13	12 10	21 20	22 22	21 19	27 25	20 15	239 209	71·30
Co. Sligo . . . 2	Collooney (Markree Obsy.) . . .	25 24	19 17	15 12	19 15	22 20	16 14	17 14	23 21	19 14	19 16	28 25	16 11	238 203	44·13
Co. Cavan . . . 1	Belturbet (Cloverhill)	25 20	20 14	16 11	18 11	20 17	14 9	17 14	20 16	20 13	15 11	22 20	13 9	220 165	34·20
Co. Down . . . 2	Seaforde	21 19	20 17	12 11	10 10	16 15	14 13	16 15	19 19	12 11	16 16	17 17	11 8	184 171	41·03
Co. Antrim . 5	Ballymena (Harryville)	27 22	21 19	13 11	14 12	21 19	14 12	15 14	22 18	21 17	25 16	23 17	16 15	232 192	43·81
Co. Tyrone . 3	Omagh (Edenfel)	27 23	22 16	16 11	20 12	22 18	13 12	16 12	23 16	19 13	18 10	24 17	19 8	239 168	39·91
Co. Donegal 3	Milford (The Manse)	25 23	22 16	18 14	17 11	22 21	17 14	17 14	21 16	19 16	23 21	23 20	20 12	244 198	47·17
Co. Donegal 5	Killybegs (Rockmount)	24 22	20 19	18 14	18 11	22 21	14 13	18 15	20 15	21 20	21 19	27 25	20 13	243 207	63·44
Ireland	(Mean of 23 Stations)	26 22	22 17	16 10	17 13	19 16	15 11	16 12	20 16	17 13	18 14	25 20	15 9	226 173	43·27
British Isles.	(Mean of 100 Stations)	24 20	20 15	14 9	17 12	19 15	14 11	14 11	17 13	16 12	17 14	24 19	15 10	211 161	41·49

3. ABSOLUTE DROUGHTS, PARTIAL DROUGHTS AND DRY SPELLS IN 1926.

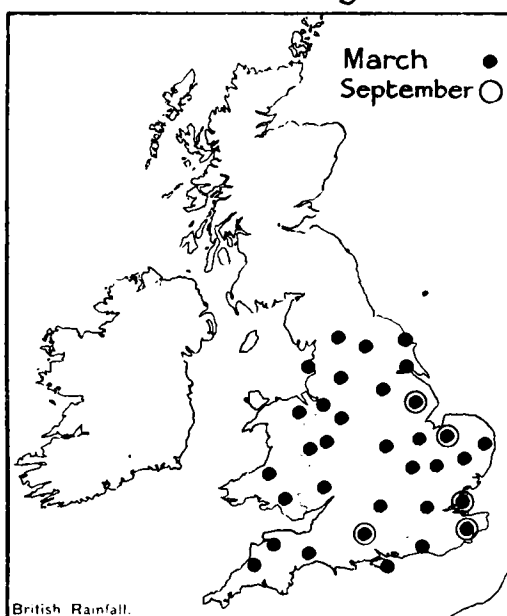
As in the previous section, certain definitions have to be adopted and rigidly adhered to in order to obtain a reliable body of statistical information on the subject of droughts. The definitions used are :—
An **absolute drought** is a period of at least 15 consecutive days, to none of which is credited $\cdot 01$ inch of rain or more. A **partial drought** is a period of at least 29 consecutive days, the mean daily rainfall of which does not exceed $\cdot 01$ inch. A **dry spell** is a period of at least 15 consecutive days to none of which is credited $\cdot 04$ inch of rain or more. These terms are used in *British Rainfall* only in the senses stated. More concise definitions of two of these terms would be :—

An *absolute drought* is a period of at least 15 days, none of which is a rain day ; a *dry spell* is a period of at least 15 days, none of which is a wet day.

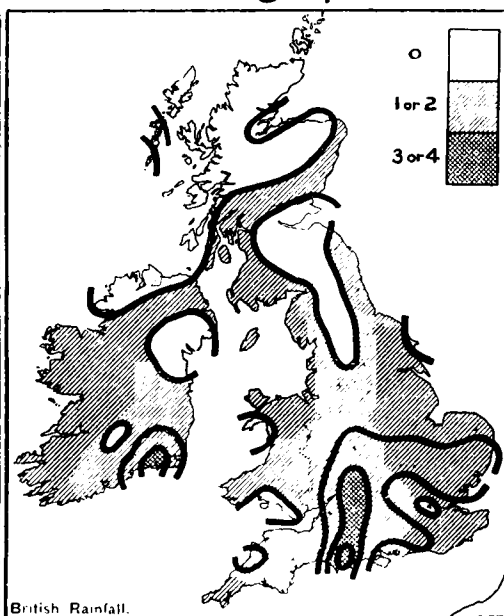
In Table VII are given particulars of the absolute droughts, partial droughts and dry spells, which occurred at the 100 selected stations of Table IV. The names of the stations at which no instance of such droughts and dry spells occurred during the year are omitted from Table VII. The number of stations so omitted this year is 24 ; of which one is situated in Cumberland, two in Wales, 15 in Scotland and 6 in Ireland.

The *absolute droughts* occurred in three main periods, March, June-July and September. The drought of March was the most widespread of the three, and it was most pronounced in the southern part of England and of Wales. Elsewhere it was reported from Ayrshire and from Co. Antrim. The general date of commencement of this drought was March 10th, but in the east of England it did not commence until March 20th. The dry period in London failed to qualify for an absolute drought. This drought is reported to have lasted for 24 days at Barnstaple and Denbigh, elsewhere the period of drought did not exceed 17 or 18 days.

Areas of Partial Droughts. 1926



Areas of Dry Spells, 1926



The absolute drought which commenced on June 18th or 19th was reported from stations in Somerset, Hereford, Gloucester and Shropshire.

In two instances shown in the table, stations in that area experienced during the year the two absolute droughts of March and June. At Peterhead, Aberdeenshire, an absolute drought lasted from July 2nd to 17th. This summer drought is not shown in the table for any station in Ireland, and the period did not exceed 16 days.

An absolute drought commencing on September 8th and lasting 16 days is reported from two stations in Northampton and Suffolk respectively.

Partial droughts were, as usual, more frequently reported and more widely distributed. They fall mainly into two periods which include the March and September periods of absolute drought already referred to. There was also a remarkable partial drought in December and a fourth is reported locally from Killarney in June and July.

The partial drought which commenced in February or March and continued until April was reported from the majority of the representative stations in England and from a few in Wales, but not from any station in Scotland or Ireland. The duration of this drought was as much as 57 days at Eye (Northolm) in Northamptonshire, 55 days at Ross, Herefordshire, and 46 days at Camden Square, London, and at Beccles, Norfolk.

The partial drought of the autumn was confined to the part of England which is south of Lincolnshire and east of Wiltshire, but several of the stations in that area did not experience a drought to which the definition is applicable. The longest duration of this drought which is shown in the table is 56 days at Great Wakering, Essex.

A dry period was in progress at the end of the year and on December 31st this period had already qualified as a partial drought at Cambridge and Leuchars, Fifeshire. Such a spell of dry weather in December is most unusual. Further reference to the matter will be found in a later section entitled "Monthly Rainfall."

The *dry spells* naturally include all the absolute droughts, but the period of a dry spell is often longer than that of any absolute drought included in it. The same dry periods of the year are again the main feature of this part of the table. At Dorchester, four dry spells occurred during the year in the months March, June, September and December, and many stations experienced two or three dry spells. The March spell was the most widespread. It occurred generally throughout England and Wales except locally in the west, and was extended to parts of the south and east of Scotland and to the greater part of Ireland. The June spell occurred in the south and south-west of England, parts of northern Scotland and locally in Ireland. The September and December spells were sporadically distributed but were reported from several parts of the British Isles.

The following tables show the number of Droughts and Dry Spells occurring year by year since 1917. The earlier data for Table V will be found in *British Rainfall*, 1923, and in previous volumes of the series. The tables indicate that the year 1926 had less than the

average number of droughts and dry spells but the differences from average were not exceptionally great.

Table V.—*Comparative Summary of Droughts, 1917–1926.*

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
1925	74	23	33	37	76	38	60	29
1926	20	17	24	83	43	36	57	64
Average 1887–1926	61	18	26	53	51	37	56	59
1926 diff. from Average.	–41	–1	–2	+30	–8	–1	+1	+5

* 15 days without a "rain day."

† 29 days averaging not more than .01 in.

Table VI.—*Dry Spells, 1917–1926 (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
1925	164	22	43	14	65	21	0
1926	98	19	40	30	65	5	0

† A day with .04 in. or more.

TABLE VII.—*Droughts and Dry Spells in 1926.*

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Began.	Ended.	Lasted.
ENGLAND AND WALES.				days			days			in.
London ... 2	St. Pancras (Camden Square)	..	..	..	Feb. 19	April 5	46	..	..	..
Kent ... 2	Lympne Aerodrome .....	..	..	..	Feb. 23	April 5	42	Mar. 21	April 5	16
Sussex ... 3	Patcham (Brighton W.W.) ...	Mar. 10	Mar. 26	17	Mar. 4	April 3	31	Mar. 10	Mar. 26	17
Hampshire 1	Ventnor (Royal National Hospital)	..	..	..	..	..	..	Sept. 13	Sept. 27	15
Hampshire 7	Selborne (The Wakes) .....	..	..	..	Mar. 5	April 5	32	Mar. 5	Mar. 22	18
Berkshire ... 5	Upton (Manor House) .....	..	..	..	..	..	..	Mar. 6	Mar. 24	19
Northamptonshire 4	Wellingborough (Swanspool Gardens).	Mar. 10	Mar. 24	15	Feb. 23	Mar. 24	30	June 18	July 3	16
		Sept 8	Sept. 23	16	Sept. 8	Oct. 7	30	Mar. 5	Mar. 24	20
		..	..	..	Mar. 5	April 3	30	Sept. 8	Sept. 23	16
		..	..	..	..	..	..	Mar. 10	April 3	25
Northamptonshire 4	Eye (Northolm) .....	..	..	..	Feb. 18	April 15	57	Sept. 8	Sept. 23	16
Cambridge 2	Cambridge (Botanic Gardens)	Mar. 20	April 3	15	Feb. 23	April 3	40	Mar. 4	April 3	31
Essex ... 3	Great Wakering .....	..	..	..	Nov. 27	Dec. 31	35	Sept. 8	Sept. 25	18
Suffolk ... 2	Haughley (Haughley House) ..	Mar. 20	April 3	15	Feb. 18	April 3	45	Mar. 20	April 3	15
Norfolk ... 1	Beccles (Geldeston)	Sept. 8	Sept. 23	16	Aug. 17	Oct. 11	56	Sept. 23	Sept. 25	16
Norfolk ... 4	Sporle	Mar. 20	April 3	15	Feb. 24	April 5	41	Feb. 7	Sept. 25	19
		..	..	..	..	..	..	Mar. 20	April 5	17
		..	..	..	Feb. 19	April 5	46	Sept. 8	Sept. 24	17
		..	..	..	Aug. 17	Sept. 24	39	Mar. 20	April 5	17
		..	..	..	Mar. 4	April 6	34	Sept. 8	Sept. 24	17
		..	..	..	Sept. 7	Oct. 7	31	Mar. 10	Mar. 25	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 1926—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡			Rain. in.
		Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days	Began.	Ended.	Lasted. days	
Wiltshire...3	Larkhill (School of Artillery)...	..	..	..	Mar. 5 Sept. 8	April 3 Oct. 7	30 30	Mar. 6 June 18 Dec. 6	Mar. 24 July 4 Dec. 24	19 17 19	.02 .05 .11
Dorsetshire 3	Dorchester (Wollaston House)	..	..	..	..	..	..	Mar. 5 June 18 Sept. 8	Mar. 22 July 5 Sept. 25	18 18 18	.05 .02 .05
South Devon2	Launceston (Polapit Tamar)...	..	..	..	Mar. 5	April 6	33	Mar. 12 June 18 June 18	Dec. 24 April 6 July 4	19 26 17	.05 .06 .03
South Devon4	Holne (Church Park Cottage)	Mar. 10	April 2	24	Mar. 4	April 6	34	Mar. 9 June 18 June 18	April 6 July 4 July 4	29 17 17	.07 .04 .03
North Devon2	Barnstaple (N. Dev. Athenæum)	..	..	..	..	..	..	Mar. 9 June 18 June 18	Mar. 26 July 4 July 4	18 17 17	.02 .07 .07
Cornwall .2	St. Austell (Trevarna)	Mar. 10	Mar. 26	17	..	..	..	Mar. 9 June 18 June 18	Mar. 26 July 4 Dec. 24	18 17 17	.03 .02 .07
Somerset-1 shire	Bath (Henrietta Park)	June 18	July 3	16	..	..	..	Dec. 8	Dec. 24	17	.07
Somerset-3 shire	Angersleigh (Leigh Court) ...	..	..	..	Mar. 5	April 6	33	..	..	..	..
Gloucester-4 shire	Mickleton (Bank House)	June 19 Mar. 10 June 18	July 4 Mar. 24 July 3	16 15 16	..	..	..	June 19 Mar. 5 June 18	July 4 Mar. 24 July 3	16 20 16	.00 .04 .00
Hereford-1 shire	Ross (Birchlea) .....	..	..	..	Feb. 18	April 13	55	Dec. 15 Mar. 5 June 18	Dec. 31 April 6 July 3	17 33 16	.05 .05 .00
Shropshire 3	Bishops Castle (Castle Street)	..	..	..	Mar. 5	April 13	40	Sept. 7 June 18 June 18	Sept. 23 July 3 July 3	17 16 16	.06 .00 .00
		June 19	July 3	15	..	..	..	..	July 3	16	.02

* 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 1926—(con.)*.

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted days	Began.	Ended.	Lasted days	Began.	Ended,	Lasted
Shropshire 4	Shifnal (Hatton Grange) . . . . .	..	..	..	Mar. 9	April 13	36	June 18	July 3	16
Staffordshire 5	Ashbourne (Mayfield House) ..	..	..	..	Mar. 10	April 13	35	Sept. 8	Sept. 22	15
Leicester- 4	Leicester (Stoughton Drive) ..	..	..	..	Mar. 10	April 15	37	Mar. 12	April 6	26
Lincolnshire 3	Horncastle . . . . .	..	..	..	Mar. 4	April 5	33	Mar. 10	April 13	35
Nottingham 5	Worksop (Hodsock Priory) ..	..	..	..	Sept. 9	Oct. 7	29	Sept. 8	Sept. 23	16
Cheshire . . . 2	Northwich (Hunts Lock) . . . . .	..	..	..	Mar. 10	April 13	35	..	..	..
North 5	Blackpool (Met. Observatory) .	..	..	..	Mar. 9	April 6	29	Sept. 9	Sept. 26	18
Lancashire	Meltham (Harewood Lodge) ..	..	..	..	Mar. 10	April 13	35	Mar. 10	April 6	28
Yorkshire 8	Hull (Pearson Park) . . . . .	..	..	..	Mar. 5	April 6	33	Mar. 12	Mar. 30	19
Yorkshire 3	Filey Vicarage . . . . .	..	..	..	Mar. 4	April 13	41	Mar. 12	Mar. 30	19
Yorkshire 4	West Witton (Ivy House) . . .	..	..	..	Mar. 10	April 13	35	..	..	..
Yorkshire 1	Felixkirk (Mount St. John) ..	..	..	..	Mar. 10	April 13	40	..	..	..
Yorkshire 2	Sunderland (Mowbray Park) ..	..	..	..	..	..	..	Mar. 23	April 13	22
Yorkshire 2	Ilderton (Lilburn Tower) . . . .	..	..	..	..	..	..	Mar. 30	April 13	15
Durham . . . 2		..	..	..	..	..	..	Mar. 23	April 6	15
Northumber 6		..	..	..	..	..	..	..	..	..
land		..	..	..	..	..	..	..	..	..

* 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.

DROUGHTS AND DRY SPELLS.

TABLE VII.—*Droughts and Dry Spells in 1926—(con.).*

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Began.	Ended.	Lasted.
Westmor-land	Grasmere (The Wray) .....	..	..	days	..	..	days	Mar. 13	Mar. 27	in. days .. 15
Glamorgan	Treherbert (Tyn-y-waun) .....	..	..	..	Mar. 9	April 6	..	..	..	..
Pembroke-shire	Haverfordwest (Portfield)	Mar. 10	Mar. 27	18	..	..	..	Mar. 9	Mar. 30	.. 22
Cardigan	Lampeter (Falcondale) .....	..	..	..	Mar. 10	April 13	35	Mar. 10	Mar. 30	.. 21
Denbigh-shire	Denbigh (Garn)	Mar. 10	April 2	24	Mar. 6	April 13	39	Mar. 10	April 2	.. 24
Anglesey	Llanerchymedd (Llwydiarth Esgob).	..	..	..	..	..	..	Mar. 11	Mar. 30	.. 20
ISLE OF MAN	Douglas (Borough Observatory)	..	..	..	..	..	..	June 21	July 5	.. 15
CHANNEL ISLANDS.										
Guernsey	St. Peter Port (Grange Road)	..	..	..	Aug. 24	Sept. 25	33	..	..	..
SCOTLAND.										
Wigtown	Stoneykirk (Ardwell House) ..	..	..	..	..	..	..	Mar. 12	Mar. 30	.. 19
Kirkcudbright	Dumfries (Cargen) .....	..	..	..	..	..	..	Mar. 12	Mar. 28	.. 17
Berwick-shire	Duns Castle .....	..	..	..	..	..	..	Dec. 14	Dec. 31	.. 18
Ayrshire	Turnberry Hotel	Mar. 14	Mar. 28	15	..	..	..	Mar. 11	Mar. 28	.. 18
Renfrew	Greenock (Prospect Hill) .....	..	..	..	..	..	..	June 22	July 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 1926—(con.).

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Lasted.	Began.	Ended.	Lasted.	Began.	Ended.	Lasted.
Bute .....3	Dougarie Lodge .....	..	..	days	..	..	days	June 21	July 5	in.
Argyllshire 6	Dalmally (Manse of Glenorchy)	..	..	..	..	..	..	June 22	July 7	15
Fife .....3	Leuchars (Seaplane Station) ..	..	..	..	Nov. 30	Dec. 31	32	..	..	16
Perthshire 11	Aberfeldy (Dall Avon) .....	..	..	..	..	..	..	Aug. 24	Sept. 8	..
Kincardine 3	Banchory (Invercannie) .....	..	..	..	..	..	..	July 2	Sept. 17	16
Aberdeen ..4	Peterhead (Forehill)	July 2	July 17	16	..	..	..	Aug. 24	Sept. 8	..
Inverness 19	Barra (Castlebay) .....	..	..	..	..	..	..	July 2	Sept. 17	16
Ross and 3	Fortrose .....	..	..	..	..	..	..	Aug. 24	Sept. 17	16
Cromarty		..	..	..	..	..	..	Mar. 10	July 27	18
		..	..	..	..	..	..	June 22	July 11	20
		..	..	..	..	..	..	Aug. 24	Sept. 11	19
IRELAND.										
Co. Cork ..6	Dunmanway (The Rectory) ..	..	..	..	..	..	..	Dec. 14	Dec. 31	18
Co. Cork ..7	Glanmire (Lota Lodge) .....	..	..	..	..	..	..	Sept. 20	Oct. 6	17
Co. Kerry 3	Cahiriveen (Valentia Obs.) ..	..	..	..	..	..	..	June 21	July 6	16
Co. Kerry 3	Killarney (District Asylum) ..	..	..	..	June 18	July 16	29	Mar. 10	Mar. 24	15
Co. Waterf'd 3	Waterford (Brook Lodge) .....	..	..	..	..	..	..	Mar. 4	Mar. 21	18
		..	..	..	..	..	..	Sept. 19	Oct. 5	17
Co. Tipperary 1	Nenagh (Castle Lough) .....	..	..	..	..	..	..	Dec. 5	Dec. 31	27
Co. Limerick 2	Foynes (Coolnanes) .....	..	..	..	..	..	..	Mar. 10	Mar. 29	20
Co. Wexford 4	Gorey (Courtown House) .....	..	..	..	..	..	..	Mar. 10	Mar. 29	20
		..	..	..	..	..	..	Mar. 6	Mar. 30	25

* 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 1926—(con.).*

County and River Division.	Station.	Absolute Droughts.*			Partial Droughts.†			Dry Spells.‡		
		Began.	Ended.	Last.	Began.	Ended.	Last.	Began.	Ended.	Last.
Queen's 2	Abbey Leix (Blandsfort) . . . .	..	..	days ..	..	..	days in. ..	Mar. 10	Mar. 27	days in. 18 .08
County 2	Dublin (Fitzwilliam Square) ..	..	..	..	..	..	..	Dec. 15	Dec. 31	17 .07
Co. Dublin 2	Moate (Coolatore) . . . . .	..	..	..	..	..	..	Mar. 9	Mar. 26	18 .08
Co. West- 1	meath									
Co. Longford 2	Castle Forbes Gardens . . . . .	..	..	..	..	..	..	Mar. 10	Mar. 29	20 .07
Co. Galway 3	Ballynahinch Castle . . . . .	..	..	..	..	..	..	Mar. 14	Mar. 29	16 .11
Co. Mayo . 4	Mallarany . . . . .	..	..	..	..	..	..	Mar. 14	Mar. 29	16 .06
Co. Sligo . . 2	Collooney (Markree Obsy.) ..	..	..	..	..	..	..	Mar. 11	Mar. 27	17 .05
Co. Antrim 5	Ballymena (Harryville)	Mar. 12	Mar. 27	16	..	..	..	Mar. 12	Mar. 27	16 .00
Co. Tyrone 3	Omagh (Edenfel) . . . . .	..	..	..	..	..	..	Mar. 10	Mar. 27	18 .09
								June 23	July 7	15 .05

* 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 1926.

The definitions of the terms "rain spell" and "wet spell," as used in this section, are analogous to those of the terms "absolute drought" and "dry spell," which are used in the previous section. Thus:—

A **Rain Spell** is a period of at least 15 consecutive days to each of which is credited $\cdot 01$ inch of rain or more.

A **Wet Spell** is a period of at least 15 consecutive days to each of which is credited $\cdot 04$ inch of rain or more.

In other words, a *rain spell* contains at least 15 consecutive rain-days, and a *wet spell* contains at least 15 consecutive wet days.

Table X contains particulars of all rain spells* and wet spells during 1926 which were reported from the 100 selected stations of Table IV, while Tables VIII and IX give comparative statistics concerning the rain spells since 1903 and the wet spells since 1917 respectively.

In 1926 the number of rain spells at the 100 stations was 194, being 21 more than the average for the period 1903-26, but the mean duration of the spells was less than average. The wet spells at the 100 stations numbered 60.

The longest rain spell shown in the table occurred at Filey, Yorkshire and lasted for 45 days from October 17th to November 30th. During this period the total rainfall amounted to 6.38 ins. Several rain spells are shown in the table with considerably greater totals and considerably less duration, notably 15.42 ins. in 28 days at Grasmere, Westmorland; 15.11 ins. in 19 days at Treherbert, Glamorgan; and 15.74 ins. in 30 days at Fort William, Inverness. These amounts are not, however, remarkable in comparison with previous years. The rain spells of the year were characterised by high frequency rather than

* There is a difficulty connected with the identification and enumeration of rain-spells which arises from the fact that spells may be proceeding both at the beginning and end of the year under review. In regard to the latter, it has to be provisionally assumed (in the absence of definite information) that all spells terminate at the end of the year. If a spell which was in progress at the end of 1925 is now found to be continued into 1926, full details of the whole spell appear in Table X. These entries are printed in italics, and they can be regarded as corrections to the provisional entries made in *British Rainfall*, 1925. In Tables VIII and IX the columns headed "number of spells" do not include, in the entry for 1926, spells which commenced in 1925, and were counted as spells in *British Rainfall*, 1925, although they include spells, which commenced near the end of 1925, but were not of sufficient duration in that year to qualify for admission to the 1925 table. Those columns dealing with the mean duration take account however, of that part which occurred in 1926 of those spells which commenced in 1925, and were counted in that year; if a spell commenced in 1925, of which the duration in that year was insufficient to count as a spell for that year, the mean duration in Tables VIII and IX refers, however, to the whole spell including the portion which actually occurred in 1925. On the other hand, a spell which commenced in 1925 would not be considered ineligible for notice under "greatest duration" if it terminated in 1926, even if it had already been counted as a spell in 1925. This actually occurred for 1925, for the spell of greatest duration was one of 60 days which commenced in November, 1924.

great intensity, although the high fall of 3·72 ins. on November 18th during a rain spell at Mallarany, Co. Mayo, is worthy of mention.

The most widespread wet spell commenced in December, 1925, and continued until about January 7th, 1926. It was reported from many stations in Ireland, South Wales, south-west England and from Westmorland. Another widespread wet spell occurred in November over a considerable portion of Ireland and Wales and in parts of Scotland and Northern England. A third wet spell took place at different times in February and March, and was characteristic of many parts of Scotland although it was reported also from Westmorland and two stations in Ireland. The remaining wet spells were much less general; they occurred at the end of January, in the middle of August, in October in the extreme north of Scotland, and in December in certain parts of Scotland. The last-mentioned is interesting since in many parts of England, December was a very dry month.

Table VIII.—*Comparative Table of Rain Spells* at 100 Stations, 1903-1926.*

Year.	No. of Rain Spells.	DURATION OF SPELLS.				STATIONS WITH			
		Mean.		Greatest.		None.	1 or 2.	3 or 4.	5 or more
		Days.	Mean rain per day.	Days.	Mean rain per day.				
			in.		in.				
1903	282	22	·28	52	·51	11	41	26	22
1904	152	19	·22	34	·27	31	51	11	7
1905	121	19	·24	44	·38	45	39	12	4
1906	125	21	·25	50	·40	38	47	11	4
1907	177	21	·25	45	·17	38	30	18	14
1908	159	19	·24	49	·43	21	59	12	8
1909	110	19	·26	45	·12	36	52	12	0
1910	235	21	·25	64	·30	24	34	25	17
1911	185	22	·29	39	·15	19	50	23	8
1912	198	22	·27	58	·19	29	32	30	9
1913	128	21	·29	64	·19	44	34	19	3
1914	150	22	·29	70	·28	30	44	25	1
1915	132	20	·27	38	·25	34	47	16	3
1916	231	20	·29	62	·28	19	41	28	12
1917	152	22	·28	52	·19	30	48	17	5
1918	186	23	·30	56	·21	21	51	19	9
1919	143	20	·26	46	·31	29	53	14	4
1920	165	20	·25	45	·24	32	45	12	11
1921	184	22	·29	45	·25	31	36	25	8
1922	170	21	·26	49	·35	30	42	23	5
1923	222	23	·26	89	·31	17	47	21	15
1924	168	19	·25	54	·23	33	41	18	8
1925	176	19	·29	60	·34	27	43	23	7
1926	194	20	·28	45	·14	21	37	38	4
Average	173	21	·27	52	·27	29	43	20	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 ·01 in. each day, 15 days or more.

Table IX.—*Wet Spells (at least .04 in. each day, 15 days or more);*
100 Stations; 1917-1926.

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
1925	55	17	·42	31	·18	67	27	6	0
1926	60	19	·37	30	·48	62	32	6	0

Table X.—Rain Spells and Wet Spells in 1926.

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.
				days	in.			days	in.
ENGLAND AND WALES									
Hampshire 1	Ventnor (Royal National Hospital)	18.xii.25	Jan. 7	21	5.86	..	..	..	21.xii.25 .98
Hampshire 7	Selborne (The Wakes)	18.xii.25	Jan. 8	22	6.22	..	..	..	Jan. 1 1.26
		Jan. 22	Feb. 7	17	4.22	..	..	..	Jan. 28 .86
		Nov. 4	Nov. 22	19	7.11	..	..	..	Nov. 13 1.20
Berkshire .5	Upton (Manor House)	19.xii.25	Jan. 7	20	3.53	..	..	..	Jan. 1 .84
		Jan. 21	Feb. 8	19	2.04	..	..	..	Feb. 6 .55
		Nov. 1	Nov. 21	21	3.82	..	..	..	Nov. 8 .57
		Jan. 24	Feb. 11	19	1.91	..	..	..	Feb. 3 .41
Norfolk .4	Sporle	18.xii.25	Jan. 7	21	4.00	..	..	..	Jan. 1 .56
Wiltshire .3	Larkhill (School of Artillery)	Nov. 4	Nov. 20	17	4.94	..	..	..	Nov. 8 .85
		18.xii.25	Jan. 7	21	6.71	..	..	..	Nov. 25 .82
Dorsetshire 3	Dorchester (Wollaston House)	Nov. 1	Nov. 22	22	10.07	21.xii.25	Jan. 7	18	29.xii.25 .82
		18.xii.25	Jan. 7	21	6.42	Jan. 15	Feb. 5	22	Nov. 1 1.55
S. Devon .2	Launceston (Polapit Tamar)	Jan. 15	Feb. 7	24	5.88	..	..	..	Jan. 1 1.14
		Nov. 12	Nov. 29	18	4.76	..	..	..	Feb. 5 .56
S. Devon .4	Holne (Church Park Cottage)	18.xii.25	Jan. 7	21	14.50	21.xii.25	Jan. 7	18	Nov. 21 .72
		Jan. 14	Feb. 5	23	9.54	Jan. 20	Feb. 5	17	29.xii.25 2.77
		Nov. 4	Nov. 22	19	11.91	..	..	..	Jan. 22 1.23
N. Devon .2	Barnstaple (North Devon Athenæum)	18.xii.25	Jan. 7	21	4.87	..	..	..	Nov. 13 1.62
		Jan. 16	Feb. 6	22	3.91	Jan. 16	Feb. 6	22	Jan. 1 1.35
		Nov. 12	Nov. 28	17	3.56	..	..	..	Jan. 18 .45
Cornwall .2	St. Austell (Trevarna)	21.xii.25	Jan. 7	18	7.10	21.xii.25	Jan. 7	18	Nov. 28 .56
		Jan. 15	Feb. 9	26	6.01	Jan. 15	Feb. 1	18	Jan. 1 1.32
		Nov. 12	Nov. 29	18	4.48	..	..	..	Jan. 16 .66
									Nov. 27 1.08

* 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 1926—(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.
Somerset- shire	Bath (Henrietta Park)	18.xii.25	Jan. 7	days 21	in. 5.54	21.xii.25	Jan. 6	days 17	in. 4.73	Jan. 1	1.21
Somerset- shire	Angersleigh (Leigh Court)	Nov. 4	Nov. 22	19	5.50	19.xii.25	Jan. 7	20	5.73	Nov. 8	1.11
		18.xii.25	Jan. 7	21	5.75					Jan. 1	1.20
		Jan. 21	Feb. 8	19	3.56					Jan. 28	.43
Gloucester- shire	Mickleton (Bank House)	Nov. 3	Nov. 22	20	6.65					Nov. 8	1.87
		19.xii.25	Jan. 3	16	3.26					Jan. 1	.81
Hereford- shire	Ross (Birchlea)	19.xii.25	Jan. 6	19	4.41					Jan. 1	1.10
		Jan. 21	Feb. 8	19	2.67					Feb. 7	.42
Shropshire	Bishops Castle (Castle Street)	Nov. 4	Nov. 22	19	6.63					Nov. 8	.95
Shropshire	Shifnal (Hatton Grange)	Nov. 4	Nov. 22	19	5.22					Nov. 16	.72
		22.xii.25	Jan. 7	17	2.40					Nov. 25	.66
Staffordshire	Ashbourne (Mayfield House) . . .	Nov. 1	Nov. 23	23	4.77					Nov. 1	.87
		19.xii.25	Jan. 10	23	3.76					Jan. 3	.72
North Lancs	Blackpool (Met. Observatory)	Jan. 21	Feb. 7	18	3.56					Feb. 7	.68
Yorks, W.R.	Meltham (Harewood Lodge) . . .	23.xii.25	Jan. 8	17	2.51					Feb. 25	.69
		Nov. 4	Nov. 21	18	4.60					Nov. 4	.83
		25.xii.25	Jan. 8	15	5.22					Nov. 25	1.55
		Jan. 21	Feb. 9	20	3.91					Feb. 6	.50
		Nov. 4	Nov. 21	18	4.53					Nov. 15	.88
Yorks, E.R.	Hull (Pearson Park)	Jan. 22	Feb. 10	20	1.76					Jan. 28	.47
Yorks, E.R.	Filey Vicarage	Jan. 24	Feb. 12	20	1.51					Jan. 28	.23
Yorks, N.R.	West Witton (Ivy House)	Oct. 17	Nov. 30	45	6.38	Nov. 4	Nov. 18	15	2.51	Oct. 21	.48
		25.xii.25	Jan. 8	15	3.27					Nov. 25	.89
		Jan. 21	Feb. 12	23	4.30					Jan. 29	.68
Cumberland	Geltsdale	Nov. 1	Nov. 16	16	5.26					Nov. 1	.98
		Aug. 8	Aug. 24	17	3.25					Aug. 15	.75
		Nov. 4	Nov. 22	19	4.03					Nov. 6	.73

* 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 1926—(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.
Westmor- land	Grasmere (The Wray)	25.xii.25	Jan. 11	days 18	in. 9.92	25.xii.25	Jan. 10	days 17	in. 9.89	28.xii.25	in. 1.91
		Jan. 17	Feb. 2	17	9.78	..	..	..	..	Jan. 24	1.63
Glamorgan	Treherbert (Tyn y waun)	Feb. 13	Mar. 12	28	15.42	Feb. 13	Mar. 5	21	13.32	Feb. 14	2.75
		Aug. 8	Aug. 24	17	7.36	Aug. 8	Aug. 24	17	7.36	Aug. 20	1.63
Carmarthen	Carmarthen (The Friary)	25.xii.25	Jan. 10	17	13.03	25.xii.25	Jan. 8	15	13.01	Jan. 1	3.33
		Jan. 16	Feb. 8	24	11.21	Jan. 20	Feb. 7	19	9.92	Jan. 22	2.30
Pembroke- shire	Haverfordwest (Portfield)	Nov. 4	Nov. 22	19	15.11	Nov. 4	Nov. 22	19	15.11	Nov. 4	2.24
		18.xii.25	Jan. 10	24	6.19	..	..	..	..	Jan. 1	.91
Cardigan- shire	Lampeter (Falcondale)	Jan. 20	Feb. 7	19	4.69	..	..	..	..	Feb. 5	.86
		Nov. 4	Nov. 23	20	8.37	..	..	..	..	Nov. 4	1.64
Denbigh .. Merioneth	Denbigh (Garn)	Jan. 20	Feb. 7	19	5.38	..	..	..	..	Feb. 5	1.15
		Nov. 4	Nov. 29	26	9.55	Nov. 4	Nov. 22	19	7.11	Nov. 4	1.23
Anglesey .. CHANNEL ISLANDS	Dolgelly (Bryntirion)	17.xii.25	Jan. 10	25	5.10	Nov. 4	Nov. 6	19	4.73	28.xii.25	1.10
		Jan. 20	Feb. 7	19	4.54	19.xii.25	Jan. 6	..	..	Jan. 22	.80
Guernsey ..	Llanerchymedd (Llwydiarth Esgob)	Aug. 7	Aug. 21	15	4.47	..	..	..	..	Aug. 9	2.00
		Nov. 4	Nov. 23	20	7.97	Nov. 9	Nov. 23	15	5.73	Nov. 4	1.05
CHANEL ISLANDS	St. Peter Port (Grange Road)	Nov. 1	Nov. 22	22	4.83	..	..	..	..	Nov. 16	.69
		Nov. 9	Jan. 8	15	4.18	..	..	..	..	Nov. 16	.73
Guernsey ..	St. Peter Port (Grange Road)	25.xii.25	Jan. 8	15	5.05	..	..	..	..	28.xii.25	.61
		Jan. 25	Feb. 7	19	7.70	..	..	..	..	Jan. 22	1.34
CHANEL ISLANDS	St. Peter Port (Grange Road)	Nov. 4	Nov. 21	18	4.35	..	..	..	..	Nov. 16	.61
		13.xii.25	Jan. 10	29	4.71	..	..	..	..	28.xii.25	.95
Guernsey ..	St. Peter Port (Grange Road)	Nov. 9	Nov. 26	18	4.71	..	..	..	..	Nov. 16	.92
		19.xii.25	Jan. 7	20	6.53	19.xii.25	Jan. 7	20	6.53	21.xii.25	.92
CHANEL ISLANDS	St. Peter Port (Grange Road)	Jan. 25	Feb. 9	16	2.48	..	..	..	..	Jan. 28	.37
		Nov. 1	Nov. 15	15	4.56	..	..	..	..	Feb. 1	.98

* 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 1926—(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.		
				days	in.			days	in.		
SCOTLAND. Wigtown . . . 3	Stoneykirk (Ardwell House) . .	25. xii. 25	Jan. 10	17	3.37	..	..	..	..	28. xii. 25	in. .64
	Selkirkshire 2	Aug. 10	Aug. 26	17	2.56	..	..	..	..	Aug. 17	.43
		Jan. 14	Feb. 2	20	6.50	..	..	..	..	Jan. 22	.87
		Feb. 14	Mar. 11	26	6.94	..	..	..	..	Feb. 14	.98
		Aug. 8	Aug. 23	16	4.81	..	..	..	..	Aug. 20	1.60
Berwick. 4	Duns Castle	Apr. 14	Apr. 30	17	2.47	..	..	..	Apr. 25	.53	
shire Linlithgow . 2 Lanarkshire 5	Linlithgow Academy	Nov. 1	Nov. 29	29	5.67	..	..	..	..	Nov. 14	.82
	Strathaven (Dungavel)	12. xii. 25	Jan. 10	30	5.85	..	..	..	..	Jan. 8	.5
		Jan. 14	Feb. 2	20	4.13	..	..	..	..	Jan. 22	.83
		Feb. 14	Mar. 14	29	7.97	Feb. 25	Mar. 14	18	5.96	Mar. 5	.76
		Aug. 8	Aug. 24	17	4.05	..	..	..	..	Aug. 20	1.37
Ayrshire . . . 6 Renfrew . . . 3	Turnberry Hotel	25. xii. 25	Jan. 10	17	2.15	..	..	..	..	Jan. 8	.33
	Greenock (Prospect Hill)	Jan. 17	Feb. 2	17	6.63	..	..	..	..	Jan. 24	1.14
		Feb. 13	Mar. 13	29	10.69	Feb. 13	Mar. 13	29	10.69	Mar. 5	1.10
		Aug. 10	Aug. 24	15	4.30	..	..	..	..	Aug. 16	.91
		Jan. 17	Feb. 2	17	4.66	..	..	..	..	Jan. 28	1.01
Bute 3	Dougarie Lodge	Feb. 13	Feb. 27	15	3.55	Feb. 13	Feb. 27	15	3.55	Feb. 19	.52
	Argyllshire . 6	Jan. 17	Feb. 2	17	7.32	Jan. 17	Jan. 31	15	7.25	Jan. 24	.82
Argyllshire 14		Feb. 13	Mar. 14	30	14.33	Feb. 13	Mar. 14	30	14.33	Mar. 7	2.56
	Islay (Eallabus)	Aug. 8	Aug. 27	20	7.32	..	..	..	..	Aug. 16	1.16
		6. xii. 25	Jan. 10	36	6.97	..	..	..	..	Jan. 1	.70
		Jan. 15	Feb. 2	19	5.84	Jan. 17	Feb. 2	17	5.76	Jan. 28	.88
		Feb. 13	Mar. 14	30	7.92	..	..	..	..	Feb. 13	.87
		Aug. 5	Aug. 26	22	5.21	Aug. 9	Aug. 26	18	4.99	Aug. 9	1.02
		Oct. 29	Nov. 25	28	10.70	Nov. 4	Nov. 22	19	8.91	Nov. 18	2.74
		Dec. 1	Dec. 20	20	3.87	..	..	..	..	Dec. 13	.64

*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 1926—(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.
SCOTLAND —(con.). Argyllshire 14	Mull (Gruline)	22.xii.25	Jan. 10	days 20	in. 8.91	..	..	days ..	in. ..	Jan. 10
		Jan. 17	Feb. 2	17	6.34	Jan. 17	Feb. 2	17	6.34	Jan. 26
		Feb. 13	Feb. 27	15	5.44	Feb. 13	Feb. 27	15	5.44	Feb. 13
		Oct. 29	Nov. 26	29	11.09	..	..	..	..	Nov. 4
		Nov. 30	Dec. 20	21	5.98	Dec. 1	Dec. 20	20	5.95	Dec. 10
Perthshire.11	Aberfeldy (Dall Avon)	Jan. 13	Jan. 29	17	5.01	..	..	..	..	Jan. 29
		Feb. 24	Mar. 10	15	2.39	..	..	..	..	Mar. 3
		Apr. 16	Apr. 30	15	2.33	..	..	..	..	Apr. 25
		Jan. 14	Feb. 10	28	4.64	..	..	..	..	Jan. 29
		Apr. 14	Apr. 30	17	1.53	..	..	..	..	Apr. 25
Kincardine 3 Aberdeen .1 Aberdeen .4 Inverness .3	Cluny Castle.....	25.xii.25	Jan. 10	17	3.56	..	..	..	..	Jan. 10
		Feb. 13	Mar. 14	30	5.14	Feb. 27	Mar. 14	16	3.91	Mar. 8
		Apr. 14	Apr. 28	15	2.01	..	..	..	..	Apr. 14
		Jan. 17	Feb. 2	17	6.19	..	..	..	..	Jan. 19
		Feb. 13	Mar. 14	30	15.74	..	..	..	..	Mar. 7
Inverness .17	Fort William	Dec. 1	Dec. 20	20	5.53	..	..	..	..	Dec. 8
		26.xii.25	Jan. 10	16	7.92	..	..	..	..	Dec. 10
		Jan. 17	Feb. 2	17	6.12	..	..	..	..	Jan. 19
		Feb. 13	Mar. 16	32	11.66	Feb. 13	Mar. 14	30	11.58	Jan. 19
		Nov. 30	Dec. 20	21	4.86	Nov. 30	Dec. 20	21	4.86	Mar. 8
Inverness .18	Skye (Portree)	22.xii.25	Jan. 10	20	2.61	..	..	..	..	Dec. 1
		Oct. 27	Nov. 16	21	3.34	Oct. 30	Nov. 16	18	2.81	Jan. 1
		Nov. 30	Dec. 20	21	1.53	..	..	..	..	Nov. 1
		Feb. 27	Mar. 13	15	8.26	Feb. 27	Mar. 13	15	8.26	Dec. 13
		Oct. 6	Oct. 20	15	7.73	..	..	..	..	Mar. 8
Inverness .19	Barra (Castlebay) .....	..	..	..	..	..	..	..	..	Oct. 9
	
	
	
	
Ross and 8 Cromarty	Loch Torridon (Bendamph) ..	..	..	..	..	..	..	..	..	..
	
	
	
	

* 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 1926—(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.
SCOTLAND —(con.). Ross and Cromarty 10	Stornoway	21.xii.25	Jan. 10	days 21	in. 4.70	..	..	days ..	in. .84	29.xii.25
		Jan. 16	Jan. 31	16	3.56	..	..	..	.56	Jan. 27
		Feb. 13	Mar. 14	30	6.41	..	..	..	.82	Mar. 7
		Nov. 30	Dec. 20	21	4.32	..	..	..	.85	Dec. 1
	Lairg	Feb. 13	Mar. 14	30	7.25	..	..	..	1.40	Mar. 7
Sutherland 1		Aug. 7	Aug. 25	19	2.36	..	..	..	.50	Aug. 20
		Nov. 30	Dec. 21	22	4.30	Nov. 30	Dec. 20	21	.52	Dec. 16
	Loch More (Achfary)	Feb. 27	Mar. 14	16	13.40	Feb. 27	Mar. 14	16	13.40	Mar. 7
		Oct. 7	Oct. 25	19	8.27	Oct. 7	Oct. 25	19	8.27	Oct. 9
		Nov. 30	Dec. 20	21	10.03	Nov. 30	Dec. 20	21	10.03	Dec. 9
Caithness 3	Thurso (Buckies)	Oct. 11	Nov. 1	22	6.08	Oct. 11	Nov. 1	22	6.08	Oct. 12
IRELAND. Co. Cork 6	Dunmanway (The Rectory) ..	18.xii.25	Jan. 11	25	9.51	22.xii.25	Jan. 10	20	8.41	Jan. 9
		Feb. 11	Feb. 28	18	5.91	Feb. 11	Feb. 26	16	5.86	Feb. 22
		Nov. 9	Nov. 23	15	5.02	..	..	..	..	Nov. 17
	Glanmire (Lota Lodge)	22.xii.25	Jan. 11	21	5.54	22.xii.25	Jan. 7	17	3.53	Jan. 9
		Jan. 16	Feb. 8	24	8.10	..	..	..	..	Jan. 26
Co. Kerry 3	Cahirciveen (Valentia Obs.) ..	18.xii.25	Jan. 11	25	6.51	20.xii.25	Jan. 10	22	6.45	Jan. 9
		Jan. 15	Jan. 29	15	6.44	..	..	..	..	Jan. 28
		Feb. 11	Mar. 5	23	4.62	..	..	..	..	Feb. 22
		Oct. 31	Nov. 25	26	7.39	Oct. 31	Nov. 25	26	7.39	Nov. 4
	Killarney (District Asylum) ..	19.xii.25	Jan. 11	24	6.63	19.xii.25	Jan. 3	16	4.23	Jan. 9
Co. Kerry 3		Jan. 15	Jan. 29	15	5.92	..	..	..	..	Jan. 26
		Feb. 11	Feb. 27	17	3.59	..	..	..	..	Feb. 14
		May 29	June 13	16	3.86	..	..	..	..	June 8
		Nov. 8	Nov. 29	22	5.52	..	..	..	..	Nov. 28

* 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 1926—(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. Waterford 3	Waterford (Brook Lodge)	22.xii.25	Jan. 6	days 16	in. 2.85	..	..	days ..	in. ..	Jan. 2	.47
Co. Tipperary 1	Nenagh (Castle Lough)	Jan. 14	Jan. 28	15	5.51	25.xii.25	Jan. 10	17	4.67	Jan. 26	1.48
		18.xii.25	Jan. 11	25	5.06	..	..	..	..	Jan. 2	.70
		Feb. 13	Feb. 27	15	2.78	..	..	..	..	Feb. 22	.53
		Oct. 31	Nov. 21	22	5.17	Nov. 3	Nov. 21	19	4.89	Nov. 4	.93
Co. Tipperary 3	Cashel (Ballinamona)	23.xii.25	Jan. 11	20	4.12	23.xii.25	Jan. 10	19	4.11	Jan. 9	.62
Co. Limerick 2	Foynes (Coolnanes)	Oct. 31	Nov. 22	23	4.11	..	..	..	..	Nov. 17	1.07
		19.xii.25	Jan. 10	23	3.80	..	..	..	..	28.xii.25	.43
		Feb. 12	Feb. 27	16	2.15	..	..	..	..	Feb. 22	.72
		Oct. 30	Nov. 22	24	4.77	..	..	..	..	Nov. 4	.85
Co. Wexford 4	Gorey (Courtown House)	24.xii.25	Jan. 11	19	4.28	..	..	..	..	Jan. 10	1.06
Queen's County 2	Abbey Leix (Blandsfort)	Jan. 26	Feb. 9	15	4.60	..	..	..	..	Jan. 26	1.53
		22.xii.25	Jan. 10	20	3.37	24.xii.25	Jan. 7	15	2.53	Jan. 10	.45
Co. Dublin 2	Dublin (Fitzwilliam Square) ..	Jan. 20	Feb. 5	17	5.68	..	..	..	..	Jan. 26	1.35
Co. Meath 4	Kells (Headfort)	Aug. 9	Aug. 24	16	1.87	..	..	..	..	Aug. 18	.45
		25.xii.25	Jan. 10	17	2.04	..	..	..	..	Aug. 14	.33
		Jan. 20	Feb. 8	20	2.77	..	..	..	..	29.xii.25	.52
		Aug. 9	Aug. 25	17	4.31	..	..	..	..	Jan. 28	1.00
Co. Westmeath 1	Moate (Coolatore)	25.xii.25	Jan. 10	17	3.49	..	..	..	..	Aug. 16	.90
		Jan. 16	Feb. 5	21	2.26	..	..	..	..	25.xii.25	.44
Co. Longford 2	Castle Forbes Gardens	Jan. 16	Feb. 5	21	4.73	..	..	..	..	Jan. 28	.81
Co. Galway 3	Ballynahinch Castle	24.xii.25	Jan. 11	19	6.33	24.xii.25	Jan. 10	18	6.32	24.xii.25	.69
		Jan. 14	Feb. 8	26	7.81	..	..	..	..	Jan. 24	1.28
		Feb. 11	Mar. 13	31	6.31	Feb. 11	Feb. 26	16	5.06	Feb. 13	1.00
		Aug. 8	Aug. 24	17	4.06	..	..	..	..	Aug. 13	.91
		Nov. 8	Nov. 28	21	9.11	Nov. 8	Nov. 27	20	9.09	Nov. 18	3.29

*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 1926—(con.)*.

County and River Division.	Station.	Rain Spells.*				Wet Spells.†				Max. in a Day during Rain Spell.	
		Began.	Ended.	Lasted days	Total Rain. in.	Began.	Ended.	Lasted days	Total Rain. in.	Date.	Rain. in.
IRELAND											
—(con.)											
Co. Mayo 4	Mallarany	23 xii.25	Jan. 10	19	6.70	25. xii.25	Jan. 9	16	6.43	31. xii.25	.72
		Feb. 18	Mar. 13	24	6.12	Nov. 3	Nov. 21	19	11.04	Feb. 18	1.13
		Nov. 3	Nov. 28	26	12.67	Nov. 3	Nov. 21	19	11.04	Nov. 18	3.72
		25. xii.25	Jan. 10	17	3.39	Nov. 3	Nov. 21	19	11.04	30. xii.25	.52
		Feb. 13	Feb. 27	15	2.68	Nov. 3	Nov. 21	19	11.04	Feb. 13	.42
Co. Sligo 2	Collooney (Markree Obs.)	Aug. 9	Aug. 26	18	3.03	Aug. 9	Aug. 25	17	3.01	Aug. 10	.60
		Oct. 31	Nov. 28	29	5.96	Aug. 9	Aug. 25	17	3.01	Nov. 27	1.13
		Jan. 16	Feb. 5	21	3.95	Aug. 9	Aug. 25	17	3.01	Nov. 28	1.02
Co. Cavan 1	Belturbet (Cloverhill)	Aug. 7	Aug. 21	15	3.22	Aug. 7	Aug. 21	15	3.22	Aug. 17	.51
Co. Down 2	Seaforde	Jan. 18	Feb. 1	15	3.63	Aug. 7	Aug. 21	15	3.22	Jan. 22	.79
Co. Antrim 5	Ballymena (Harryville)	Aug. 10	Aug. 25	16	3.84	Aug. 7	Aug. 21	15	3.22	Jan. 16	.52
		Jan. 14	Feb. 2	20	4.58	Aug. 7	Aug. 21	15	3.22	Jan. 22	.75
		Feb. 13	Feb. 28	16	3.29	Aug. 7	Aug. 21	15	3.22	Feb. 16	.50
Co. Tyrone 3	Amagh (Edenfel)	Aug. 10	Aug. 25	16	3.41	Aug. 7	Aug. 21	15	3.22	Aug. 16	.68
		23. xii.25	Jan. 10	19	4.04	25. xii.25	Jan. 10	17	3.77	Jan. 1	.42
Co. Donegal 3	Milford (The Manse)	Jan. 18	Feb. 2	16	4.19	25. xii.25	Jan. 10	17	3.77	Jan. 22	.86
		Feb. 13	Mar. 11	27	4.99	25. xii.25	Jan. 10	17	3.77	Mar. 4	.44
		Aug. 5	Aug. 23	19	3.20	25. xii.25	Jan. 10	17	3.77	Aug. 12	.32
		Feb. 13	Mar. 13	29	8.63	25. xii.25	Jan. 10	17	3.77	Mar. 6	1.00
Co. Donegal 5	Killybegs (Rockmount)	Aug. 9	Aug. 23	15	2.96	25. xii.25	Jan. 10	17	3.77	Aug. 12	.47
		Oct. 31	Nov. 16	17	4.77	Oct. 31	Nov. 16	17	4.77	Nov. 6	.59

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

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

The list of stations reporting duration of rainfall for 1926 is practically the same as that for last year. Ireland is still but sparsely represented although an additional record is available from Aldergrove Aerodrome to the west of Belfast. The distribution of the stations in Tables XII and XIII which were in operation at the end of 1926 is shown on the map (except that at Lerwick in the Shetland Islands which is not included). Additional observations from Central Wales, the north of Scotland and Central Ireland would be particularly valuable.

Only one record is published for Plymouth, *viz.*, that at Freedom Park. This duration record is practically identical with those from Cattewater and The Hoe, although the computed mean rates per hour show considerable discrepancies, being $\cdot 055$ inch, $\cdot 045$ inch and $\cdot 048$ inch respectively. This is apparently accounted for by the better exposure of the rain-gauge at Freedom Park.

The greatest duration of rainfall for the year was 1,563 hours, or a mean of 4.3 hours per day, at Blackwater Dam, on the borders of Argyllshire and Inverness in Glenleven, 1,072 feet above sea level.

The mean duration of rainfall exceeded 3 hours per day also at Eskdalemuir in Dumfriesshire and at Cray Reservoir to the west of Brecon.

The minimum rainfall duration for the year 1926 occurred in Nottinghamshire, where less than 400 hours of rain was recorded at Hodsock Priory in the north of the County, and at Trent Lane in the City of Nottingham. Although these two stations usually report the least duration of rainfall for the year, a lack of data from other counties in central and south-eastern England precludes the assertion that Nottingham has least hours of rain.

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 values occur in the summer months. Thus the largest monthly values were at Eastbourne, where the mean rate of fall in August was $\cdot 17$ inch per hour; and at Hellingly in Sussex, and at Ipswich, Suffolk, where the mean rate was $\cdot 15$ inch per hour in August. The mean rate was less than $\cdot 02$ inch per hour at 5 stations in December, so that such rain as did fall in this remarkably dry month was unusually light.

For the year the mean rate per hour varied from $\cdot 072$ inch at Earby Sewage Works near Skipton to $\cdot 038$ inch at Sealand near Chester.

It is of interest to examine the duration of the rainfall at different places on the same day. Since *British Rainfall*, 1923, the figures for some of the conspicuously wet days have been given. Those for 1926 are shown in Table XI. It will be seen that there are some striking contrasts. On the 2nd June rain lasted for 20 hours at stations to the south of London, but parts of Northern England and the greater part of Scotland and of Ireland were rainless. On October 1st rain lasted for over 20 hours in Central Scotland, but the day was rainless at all the stations in England and Wales and at some in the north of Scotland and south of Ireland. The rain was more general on November 1st and 18th when durations of 10 hours were common.

Table XI.—Rainfall Duration. Certain Days in 1926.

The periods of 24 hours to which these values refer commence at 9 a.m. G.M.T. on the dates stated, for all stations except those marked * for which they commence at 7 a.m. G.M.T.

County.	Station.	Jan. 1	Feb. 6	Apl. 14	Jun. 2	Jun. 9	Jun. 10	July 18	Oct. 1	Nov. 1	Nov. 4	Nov. 8	Nov. 18	Dec. 5
		hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
London	Camden Square	7	11	4	18	6	1	1	0	1	1	12	12	5
Surrey	Croydon*	9	8	2	21	6	3	2	0	1	†	9	17	3
"	Kingston	10	9	4	20	6	6	†	0	0	5	6	3	5
"	Kew Obsy.*	6	9	1	15	4	2	†	0	0	0	10	10	6
Kent	Lympne*	13	7	0	8	1	4	2	0	0	0	9	14	9
Sussex	Eastbourne	8	10	3	6	5	1	1	0	1	0	6	17	8
"	Hellingly*	12	8	1	9	8	2	4	0	1	0	7	21	9
Hampshire	Calshot	9	3	3	11	6	1	0	0	4	†	9	16	11
"	Andover*	9	7	5	15	8	2	†	0	..	..	..	..	..
"	Worthy Down*	..	..	..	..	..	..	..	7	1	12	16	15	..
"	Petersfield	17	12	3	12	7	2	†	0	6	2	15	16	13
"	South Farnborough*	13	12	3	23	6	2	†	0	3	1	12	17	9
Middlesex	Palmer's Green	10	11	4	19	6	2	2	0	1	2	11	13	6
Hertford	Rothamsted	12	11	4	18	8	1	1	0	1	3	9	12	5
Suffolk	Copdock	10	1	1	10	2	1	2	0	0	†	11	9	8
"	Felixstowe*	6	0	0	9	2	1	1	0	0	0	7	6	7
Devon	Plymouth Park	12	2	6	1	7	2	†	0	13	6	10	3	9
Cornwall	Falmouth Obsy.	11	0	8	†	6	2	1	0	11	8	10	1	1
Stafford	West Bromwich	11	5	1	7	7	1	2	0	15	3	13	14	5
"	Ashbourne	9	9	6	1	8	3	3	0	14	6	7	11	9
Lincoln	Cranwell*	18	8	1	13	6	1	2	0	4	†	12	13	7
Nottingham	Sutton Bonington	9	9	5	10	8	1	1	0	8	3	15	3	11
"	Nottingham	8	5	3	8	5	†	†	0	11	2	12	3	8
"	Hodsock Priory	8	7	2	8	6	†	1	0	12	5	11	8	7
Cheshire	Bidston Obsy.	4	7	9	2	5	2	11	0	11	6	1	11	8
Lancashire	Bolton	6	16	8	0	9	12	6	0	12	9	5	10	9
"	Leyland	6	17	10	0	5	10	6	0	13	8	2	13	7
"	Southport	2	10	9	2	5	8	7	0	12	8	0	9	6
"	Lancaster	1	11	11	1	6	10	5	0	11	13	1	9	6
Yorks, W.R.	Rotherham	8	7	5	7	7	1	2	0	13	7	13	7	7
"	Haworth	7	12	9	1	9	11	3	0	13	15	9	14	3
"	Earby	3	8	9	0	5	6	9	0	9	7	3	9	2
"	Skipton	2	12	11	0	8	3	3	0	13	11	5	11	7
"	N.R. Felixkirk (Hyet)	4	7	9	3	6	7	3	0	13	11	9	11	8
Durham	Sunderland	3	..	4	0	6	1	5	3	13	7	9	10	3
Glamorgan	Swansea	17	1	9	0	9	5	1	0	16	9	6	5	2
Brecon	Cray Reservoir	21	1	20	0	14	7	4	0	19	14	8	11	†
Flint	Sealand*	8	9	6	3	8	†	11	0	11	8	4	13	14
Anglesey	Holyhead*	3	7	14	0	7	7	5	1	8	18	0	8	7
Dumfries	Eskdalemuir Obsy.*	8	13	13	4	0	17	6	15	5	18	0	9	9
Midlothian	Boghall	2	4	3	0	4	2	7	..	..	..	..	..	..
Renfrew	Renfrew*	12	15	10	0	1	15	3	21	9	9	0	17	3
"	Greenock	7	12	9	0	1	12	2	23	14	5	0	18	3
Argyll	Blackwater Dam	11	14	16	0	0	7	5	21	10	10	1	15	5
Fife	Leuchars*	4	14	2	0	4	10	5	22	9	10	0	14	2
Aberdeen	Aberdeen*	6	17	3	0	3	5	6	12	9	7	0	11	4
Shetland	Lerwick*	9	13	3	0	0	1	0	0	2	5	4	1	5
Co. Cork	Cork	5	1	9	0	13	1	7	0	6	13	0	3	0
Co. Kerry	Valentia Obsy.*	6	0	9	†	17	3	5	†	6	11	2	9	2
Co. Armagh	Armagh Obsy.	9	8	10	†	12	15	9	3	11	8	0	10	0
Co. Antrim	Aldergrove*	..	..	..	..	..	..	..	10	13	7	0	13	†
Co. Derry	Glenedra Lodge	22	0	9	0	9	17	16	8	12	7	0	13	†

† In these cases the duration of rainfall is small, being less than ½ hr.
Italic type figures indicate evaluations partly estimated.

Table XII.—Duration of Rainfall at 52 Stations in the British Isles during 1926.

For the purposes of this table the month commences either at 7 a.m. or 9 a.m. G.M.T. on the 1st day of the month and ends at the same hour on the first day of the following month.

County and River Division.	Station.	Pattern of Gauge.	Height above Sea.	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.
London .....2	St. Pancras (Camden Square)	Hyet.	111	60	71	7	68	23	57	39	20	22	57	85	11	520
Surrey .....4	Croydon Aerodrome	Hyet.	245	82	63	6	76	28	60	35	14	16	51	89	11	531
"5	Kingston Sewage Works	Casella	25	46	63	4	56	27	57	26	9	32	38	67	9	434
"5	Richmond (Kew Obsy.)	Beckley	18	56	65	6	55	24	51	27	12	23	43	79	10	451
Kent .....2	Lymington Aerodrome	Hyet.	348	79	60	8	74	48	55	27	20	18	76	101	50	616
Sussex .....5	Eastbourne (Motcombe Gdns.)	Hyet.	59	85	50	6	34	34	44	33	13	11	57	101	27	521
"5	Hellingly (Burrow)	Hyet.	209	91	54	10	69	48	55	28	16	5	59	115	26	576
Hampshire .4	Calshot (Seaplane Station)...	Hyet.	8	79	33	8	59	31	44	29	23	6	63	103	15	493
"4	Andover Aerodrome	Hyet.	295	122	73	17	71	44	58	48	24	25	55	..	..	..
"5	Winchester (Worthy Down)	Hyet.	273	..	..	..	..	..	..	..	..	..	..	130	22	737
"6	Petersfield (Stoner Hill)	Hyet.	749	135	76	14	52	60	57	43	28	33	65	152	22	629
"8	South Farnborough (R.A.E.)	Hyet.	230	124	63	8	75	33	66	29	15	21	60	114	21	537
Middlesex ...2	Palmer's Grn. (Broomfield Pk.)	Casella	138	65	72	11	64	31	60	40	18	25	54	83	14	574
Herts .....2	Harpenden (Rothamsted)	Hyet.	420	94	66	5	61	33	65	36	14	29	64	82	25	574
Suffolk .....2	Ipswich (Rookwood, Copdock)	Casella	164	68	68	3	77	20	35	24	10	13	50	66	17	451
"3	Felixstowe Aerodrome	Hyet.	15	42	59	2	67	18	34	23	10	13	45	70	25	408
S. Devon . 2	Plymouth (Freedom Park)...	Hyet.	208	117	76	23	39	48	49	16	37	13	67	118	26	629
Cornwall . 2	Falmouth Observatory	Beckley	167	116	71	18	53	50	47	25	40	17	81	123	29	670
Stafford ....3	West Bromwich	Hyet.	543	60	61	12	35	47	35	29	20	24	42	87	16	468
"5	Ashbourne (Mayfield House)	Casella	374	74	67	35	30	61	48	37	37	38	55	90	44	616
Lincoln .....3	Cranwell Aerodrome	Hyet.	237	79	50	14	34	45	47	27	34	23	36	65	23	477
Nottingham 2	Sutton Bonington (Agri. Coll.)	Hyet.	159	60	63	19	37	38	54	26	21	23	42	77	34	494
"5	Nottingham (Trent Lane)	Halliwell	83	60	37	12	25	32	36	21	17	16	28	54	23	361
"5	Worksop (Hodsock Priory)...	Halliwell	56	55	38	11	35	28	42	25	34	19	26	65	21	399
Cheshire.....3	Birkenhead (Bidston Obsy.)	Osler	189	64	75	26	28	85	37	61	51	57	67	96	36	683

Table XII.—Duration of Rainfall at 52 Stations in the British Isles during 1926—(con.).

County and River Division.	Station.	Pattern of Gauge.	Height above Sea.	DURATION OF RAINFALL.														
				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.	hrs.	hrs.
S. Lancs.....3	Bolton (Queen's Park)	Fernley	342	84	98	63	24	72	52	35	63	60	63	95	81	790		
C. Lancs. ....2	Leyland (Worden Hall)	Fernley	125	77	98	40	37	67	37	41	48	58	49	107	56	715		
"3	Southport (Hesketh Park) ...	Fernley	39	55	82	20	20	52	29	39	38	47	47	89	33	551		
N. Lancs.....4	Lancaster (Greg Observatory)	Beckley	312	79	117	37	31	45	43	39	45	75	40	111	65	727		
W.R. Yorks.7	Rotherham (Aldwarke Sewage Works)	Hyet.	71	50	40	10	40	46	59	35	47	24	49	79	30	509		
"9	Haworth (Lower Laithe Res.)	Hyet.	772	107	132	62	41	70	59	41	63	66	68	129	47	885		
"9	Earby (Sewage Works) ...	Hyet.	426	66	72	26	27	39	39	45	60	42	48	93	20	577		
"9	Skipton (Town Hall)	Hyet.	368	63	115	44	42	72	33	38	49	46	72	119	44	737		
N.R. Yorks.2	Felixkirk (Mount St. John)	Halliwell	542	73	48	13	16	47	58	32	41	31	46	99	30	534		
"2	Felixkirk (Mount St. John)...	Hyet. (182)	542	63	47	14	16	44	55	28	42	28	45	96	25	503		
Durham.....2	Sunderland (Mowbray Pk.) ...	H et.	105	44	..	14	13	30	37	43	27	31	44	87	13	..		
Glamorgan .3	Swansea (Victoria Park)	Hyet.	28	127	99	21	47	65	47	42	72	32	56	128	20	756		
Brecon .....7	Cray Reservoir	Halliwell	1044	208	149	41	93	97	56	81	99	86	87	192	17	1206		
Flint.....1	Sealand Aerodrome	Hyet.	17	82	85	18	31	89	40	70	49	78	63	102	51	758		
Anglesey	Holyhead (Salt Island)	Hyet.	26	87	102	15	27	57	41	44	55	32	42	106	33	641		
Dumfries ...5	Eskdalemuir Observatory ...	Beckley	794	184	184	114	96	96	90	79	85	72	100	143	60	1303		
Midlothian...4	Boghall (Col. of Agriculture)	Hyet.	646	68	63	49	37	41	39	48	32	50	..	119	..	980		
Renfrew.....2	Renfrew Aerodrome	Hyet.	3	153	115	86	57	72	64	45	52	70	109	119	38	980		
"3	Greenock (Prospect Hill)	Hyet.	200	152	121	106	43	46	61	43	68	110	112	117	103	1082		
Argyll .....4	Glenleven (Blackwater Dam)	Hyet.	1072	237	146	129	70	80	84	62	115	110	154	195	181	1563		
Fife .....3	Leuchars	Hyet.	40	92	117	34	54	35	56	33	25	67	81	107	12	713		
Aberdeen ...2	Aberdeen (King's College) ...	Beckley	48	97	102	26	58	50	43	41	25	70	103	97	26	738		
Shetland ....3	Lerwick Observatory	Dines	269	122	68	102	31	45	37	24	84	89	72	84	109	867		
Cork .....7	Cork (University College) ...	Hyet.	66	171	113	35	56	74	39	25	42	11	55	102	15	738		
Kerry .....3	Valentia Observatory	Beckley	42	140	91	34	41	59	64	33	42	35	47	99	31	716		
Armagh .....5	Armagh Observatory	Beckley	209	127	81	64	55	62	64	51	52	40	56	72	37	761		
§ Antrim .....5	Aldergrove Aerodrome.....	Hyet.	239	..	..	..	..	..	..	..	..	51	73	104	47	..		
Londonderry5	Glendra Lodge	Hyet.	950	191	108	62	53	79	61	67	80	67	92	95	51	1006		

Table XIII.—Mean Rate of Rainfall per hour during 1926.

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	.043	.042	.046	.100	.057	.053	.077	.070	.039	.055	.040	.052
Surrey	Croydon Aerodrome . . . . .	.039	.036	.055	.054	.049	.059	.053	.092	.104	.056	.062	.029	.053
"	Kingston Sewage Works . . . . .	.056	.036	.059	.059	.057	.064	.088	.091	.037	.063	.100	.026	.063
"	Richmond (Kew Observatory) . . . . .	.043	.034	.030	.050	.071	.067	.063	.057	.059	.048	.065	.023	.053
Kent	Lymington Aerodrome . . . . .	.038	.040	.051	.048	.034	.055	.063	.085	.043	.042	.067	.039	.049
Sussex	Eastbourne (Motcombe Gdns.) . . . . .	.040	.061	.092	.060	.067	.075	.073	.169	.072	.065	.068	.026	.063
"	Hellingly (Burlow) . . . . .	.041	.051	.050	.047	.061	.061	.085	.148	.136	.053	.069	.030	.059
"	Calshot (Seaplane Station) . . . . .	.041	.050	.047	.050	.061	.050	.041	.059	.044	.048	.063	.026	.051
Hampshire														
"	Andover Aerodrome . . . . .	.035	.024	.035	.046	.043	.035	.046	.045	.066	.043	.059	.016	.052
"	Winchester (Worthy Down) . . . . .	.057	.039	.055	.066	.048	.051	.058	.059	.042	.047	.057	.018	.041
"	Petersfield (Stoner Hill) . . . . .	.036	.032	.046	.039	.039	.040	.058	.062	.057	.038	.051	.012	.049
"	South Farnborough (R.A.E.) . . . . .	.048	.041	.025	.052	.054	.053	.050	.069	.041	.042	.058	.022	.045
Middlesex	Palmer's Green (Broomfield Pk.) . . . . .	.035	.035	.033	.046	.053	.044	.072	.076	.056	.038	.059	.015	.045
Herts	Harpden (Rothamsted) . . . . .	.035	.032	.092	.044	.049	.065	.084	.147	.051	.060	.063	.034	.052
Suffolk	Ipswich (Rookwood, Copdock) . . . . .	.046	.035	.041	.042	.045	.050	.082	.092	.071	.055	.045	.034	.048
"	Felixstowe Aerodrome . . . . .	.055	.048	.033	.074	.033	.078	.054	.049	.044	.044	.074	.028	.055
S. Devon	Plymouth (Freedom Park)													
Cornwall	Falmouth Observatory . . . . .	.056	.047	.049	.051	.047	.080	.087	.050	.057	.043	.067	.028	.056
Stafford	West Bromwich . . . . .	.052	.035	.047	.062	.092	.046	.065	.089	.042	.052	.063	.022	.057
"	Ashbourne (Mayfield House) . . . . .	.054	.048	.044	.051	.050	.053	.062	.073	.041	.060	.054	.029	.052
Lincoln	Cranwell Aerodrome . . . . .	.028	.021	.035	.054	.062	.051	.059	.070	.035	.051	.036	.037	.043
Nottingham	Sutton Bonington Agricultural Coll. . . . .	.040	.033	.041	.044	.067	.045	.064	.073	.032	.059	.052	.021	.047
"	Nottingham (Trent Lane) . . . . .	.035	.051	.048	.068	.079	.057	.065	.102	.069	.072	.059	.034	.058
"	Workop (Hodsock Priory) . . . . .	.041	.039	.056	.054	.058	.060	.051	.094	.052	.066	.044	.040	.053
Cheshire	Birkenhead (Bidston Observatory) . . . . .	.032	.043	.036	.024	.040	.028	.061	.059	.059	.043	.042	.019	.042

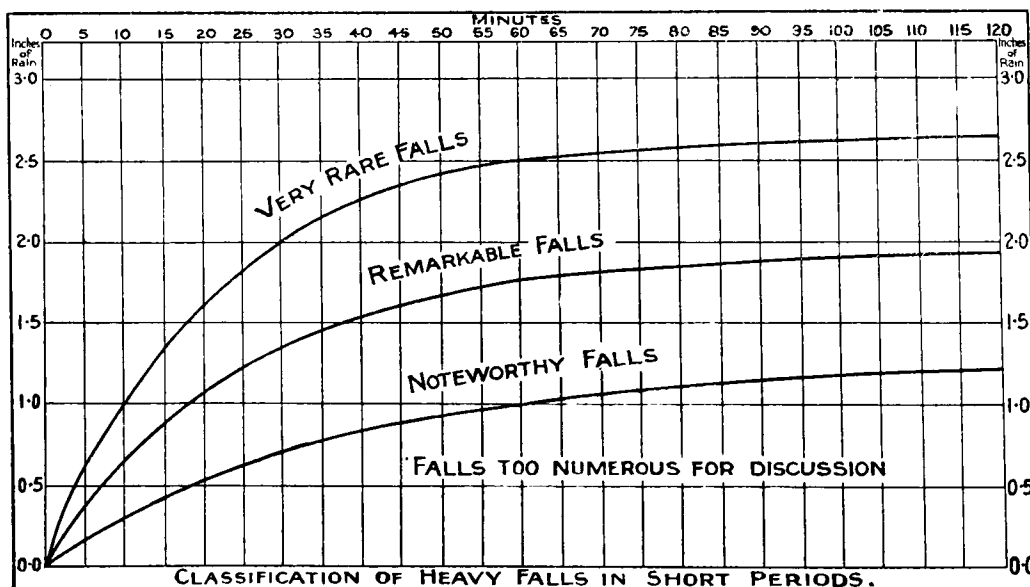
Table XIII.—Mean Rate of Rainfall per hour during 1926—(con.).

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. 3	Bolton (Queen's Park) .....	.061	.045	.040	.076	.064	.044	.081	.088	.074	.069	.068	.033	.059
C. Lancs. 2	Leyland (Worden Hall) .....	.050	.037	.030	.040	.046	.042	.097	.078	.076	.062	.058	.024	.052
"	Southport (Hesketh Park) .....	.060	.038	.052	.061	.059	.060	.084	.082	.098	.068	.066	.035	.063
N. Lancs. 4	Lancaster (Greg Observatory) .....	.059	.043	.040	.061	.068	.078	.119	.083	.070	.089	.061	.022	.062
W.R. Yorks ... 7	Rotherham (Aldwarke Sewage Works) .....	.045	.032	.067	.032	.046	.045	.063	.067	.043	.046	.034	.027	.044
"	Haworth (Lower Laithe Res.) .....	.059	.038	.047	.062	.057	.048	.080	.062	.060	.065	.063	.035	.055
"	Earby (Sewage Works) .....	.080	.054	.071	.070	.085	.062	.058	.064	.067	.108	.076	.064	.072
"	Skipton (Town Hall) .....	.060	.026	.033	.041	.052	.076	.076	.077	.046	.059	.055	.026	.050
N.R. Yorks ... 2	Felixkirk (Mt. St. John) Halliwell ...	.036	.034	.063	.039	.054	.077	.059	.075	.060	.060	.051	.035	.053
"	Felixkirk (Mt. St. John) Hyet. (182)	.042	.035	.058	.040	.058	.082	.066	.074	.065	.060	.053	.041	.056
Durham	Sunderland (Mowbray Park) .....	.064	...	.064	.065	.051	.077	.059	.086	.070	.057	.044	.041	...
Glamorgan ... 3	Swansea (Victoria Park) .....	.064	.054	.045	.057	.046	.052	.062	.075	.055	.073	.082	.045	.063
Brecon	Cray Reservoir .....	.060	.041	.034	.048	.043	.058	.057	.061	.035	.075	.074	.028	.055
Flint	Sealand Aerodrome .....	.031	.030	.036	.025	.035	.035	.051	.061	.043	.038	.043	.021	.038
Anglesey	Holyhead (Salt Island) .....	.037	.028	.031	.061	.038	.033	.059	.058	.049	.082	.068	.025	.048
Dumfries	Eskdalemuir Observatory .....	.051	.043	.033	.042	.039	.043	.071	.082	.081	.061	.058	.034	.052
Midlothian ... 4	Boghall (College of Agriculture) .....	.055	.046	.043	.051	.084	.096	.072	.079	.078	...	...	...	...
Renfrew	Renfrew Aerodrome .....	.038	.039	.034	.048	.041	.028	.063	.058	.039	.059	.055	.038	.044
"	Greenock (Prospect Hill) .....	.070	.058	.057	.064	.070	.060	.075	.074	.044	.082	.071	.035	.063
Argyll	Glenleven (Blackwater Dam) .....	.062	.050	.085	.067	.058	.050	.081	.076	.073	.055	.069	.042	.063
Fife	Leuchars .....	.044	.034	.028	.033	.043	.041	.088	.079	.057	.058	.044	.027	.046
Aberdeen	Aberdeen (King's College) .....	.034	.034	.037	.042	.031	.037	.059	.053	.065	.051	.042	.037	.043
Shetland	Lerwick Observatory .....	.037	.057	.048	.057	.061	.039	.051	.051	.051	.050	.054	.040	.048
Cork	Cork (University College) .....	.054	.042	.043	.055	.039	.058	.068	.060	.045	.052	.061	.032	.051
Kerry	Valentia Observatory .....	.075	.054	.070	.075	.072	.070	.058	.103	.067	.077	.081	.046	.071
Armagh	Armagh Observatory .....	.039	.028	.027	.033	.045	.041	.061	.062	.050	.051	.043	.033	.042
Antrim	Aldergrove Aerodrome .....	...	...	...	...	...	...	...	.079	.052	.052	.041	.024	...
Londonderry 5	Glenedra Lodge .....	.056	.047	.049	.055	.065	.055	.064	.070	.060	.056	.095	.055	.061

6. HEAVY FALLS IN SHORT PERIODS IN 1926.

Heavy falls of rain in short periods are of considerable economic importance, for they are frequently of such intensity as to cause extensive flooding, often accompanied by much surface erosion and structural damage to property. In towns the floods may be aggravated by the failure of the drainage system to cope with the demands made upon it.

Since 1908, this section of *British Rainfall* has contained a classification of intense falls into three categories designated "worthy of notice," "remarkable" and "very rare." The classification has been effected by reference to a diagram of which a copy is reproduced. This diagram indicates by continuous curved lines the upper and lower limits of rainfall which must fall in stated times in order that the fall may be admitted into one of the three categories.



The diagram was prepared almost exclusively from eye observations of rainfall duration and from corresponding measurements of rainfall

in ordinary rain-gauges. An observer, who would normally not be keeping a special look-out on the weather, would have his attention attracted by an unusually heavy shower. He would probably at first take only a casual interest, but if the shower persisted or if the rain became more intense, he would note the exact time, hasten to the gauge in the downpour and measure the quantity of rain already there. Then he would watch the storm, and at the end of it, or when the rain began to abate, he would again note the time and make another measurement of the rain. Some observers would go through this routine whenever an unusual shower occurred, others would not do so until it became apparent that the storm was one of unprecedented duration and intensity. An exceptionally protracted and intense rain storm, though relatively infrequent, would receive much more general attention from observers than one of short duration. It is, therefore, to be expected that the curved lines of the diagram which are based on the relative frequency with which the different intensities of rain were reported by observers, would tend to be too flat and too low down at the left-hand side near the origin of diagram or place of zero time and zero rainfall, and to approach more nearly to the correct shape at the right-hand side, corresponding with longer durations.

In recent years many self-recording rain-gauges have been installed in various parts of the country, and the annual tables of heavy falls in short periods, similar to Table XV, have included a number of instances which have been derived from the records of these instruments. An inspection of these tables shows that the expectation set out in the previous paragraph is actually fulfilled, for the instances of heavy falls in short periods up to 10 or 12 minutes published in recent years are derived nearly entirely from the self-recording instruments, while the entries for the longer periods continue to be derived from the measurements made by observers who have no autographic rain-gauges. The frequency with which heavy falls occur in periods of 10 or 12 minutes or less is, therefore, appreciably greater than the older eye observations indicated, and it is necessary to review the position. A similar deduction can also be clearly drawn from the data of Table XVI, which are derived exclusively from self-recording instruments. The headings of the first columns under each of the divisions marked 0.2 inch, 0.4 inch and 1 inch correspond very closely with points on the curve of the diagram which separates falls "worthy of notice" from falls "too numerous for discussion." If that curve were correctly drawn, the frequencies in each of these columns would be approximately equal to one another, but a glance at the table shows that this is very far from being the case, and that the amounts falling in the short times are much understated by the curve.

Although the number of self-recording rain-gauges has considerably increased in recent years, it must always remain small in comparison

with the number of ordinary rain-gauges. The preparation of the diagram already referred to was rendered possible by the facts (1) that the network of stations with ordinary gauges is so close that relatively few cases of exceptionally heavy falls remain unrecorded, and (2) the period for which the data exist is sufficiently long to enable reliable conclusions to be drawn from them. The records from self-recording instruments do not satisfy the first of these and in only a few instances do they satisfy the second. The problem of revising the diagram to bring it into closer agreement with fact is therefore not capable of direct solution, but there are indirect methods of approach which are being investigated.

Meanwhile, the existing diagram for classifying heavy falls which are determined by the aid of direct observation, using ordinary rain-gauges, will presumably remain suitable for this purpose so long as human nature and the methods of observation remain unchanged. As, however, the diagram is not suited to the classification of the information derived from self-recording instruments, and as a suitable diagram for this purpose is not yet available, it is proposed, for the present, (1) to print the data of Table XV in two sections, one devoted to the observations, the other to autographic records and (2) to continue to apply the criterion of the existing diagram to both sets of data.

Table XIV.—*Rainfalls of Very Rare Intensity lasting for One Hour or less*

Year.	Date.	Div.	Station.	Amount.	Duration	Rate Per Hour
				in.	H. M.	in.
1912	May 8	XV	Alexandria .....	.26	0 1½	10.40
1888	Mar. 24	XI	Chepstow, Shirenewton Hall ..	.33	0 2	9.90
1917	July 14	IV	Norwich, Ipswich Road .....	.47	0 2½	11.28
1893	Aug. 10	VIII	Preston, Corporation Offices ..	1.25?	0 5?	15.00?
1893	June 14	XI	Chepstow, Shirenewton Hall ..	.62	0 5	7.44
1925	May 10	II	Godalming, Charterhouse ....	.60	0 5	7.20
1906	Aug. 2	II	Guildford, Piccard's Rough ..	.89	0 8	6.68
1892	July 3	VIII	Bolton, The Park	1.00?	0 9?	6.67?
1902	May 30	III	Cambridge, Sydney Street ...	1.10	0 10	6.60
1878	June 23	I	St. Pancras, Camden Square..	1.04	0 10	6.24
1912	July 21	VII	Wirksworth, Manor House ..	1.00	0 10	6.00
1918	July 16	II	Purley, Oakwood Avenue	1.10?	0 11	6.00?
1914	Aug. 14	XI	Guernsey, St. Martin's Road..	1.50	0 15	6.00
1878	June 23	I	St. Pancras, Camden Square..	1.43	0 15	5.72
1875	Aug. 7	II	Canterbury, Harbledown	2.12	0 20	6.36
1878	June 23	I	St. Pancras, Camden Square..	1.82	0 20	5.46
1897	June 24	III	Luton Pumping Station	1.65	0 20	4.95
1920	May 29	VIII	Leyland, Worden Hall	1.65	0 20	4.95
1878	June 23	I	St. Pancras, Camden Square..	2.30	0 28	4.93
1880	July 22	XI	Cowbridge, Ash Hall	2.90	0 30	5.80
1915	July 4	XI	Abergavenny, The Chain	2.20	0 30	4.40
1918	July 17	I	Shad Thames Pumping Station	2.07	0 30	4.14
1895	June 27	IX	Middleton-in-the-Wolds	2.00	0 30	4.00
1902	Sept. 10	II	Surbiton, Vronvelin	2.00	0 30	4.00
1920	May 25	IV	Hatfield, Broad Oak, Barrington	2.79	0 45	3.72
1904	July 27	II	Cooling, Broomy Farm	2.66	0 45	3.55
1909	Sept. 29	V	Ilfracombe Reservoir	2.50?	0 45	3.33?
1895	June 26	V	Marlborough	2.71	0 50	3.25
1915	June 30	IV	Mildenhall	2.63	0 50	3.16
1903	July 18	VI	Crewe, Betley Hall	2.53	0 50	3.04
1905	July 9	III	Enfield, Carisbrooke	2.44	0 50	2.93
1911	May 31	II	Epsom, Ashley Road	2.44	0 50	2.93
1901	July 29	II	Wadhurst, Lower Cousley Wood	3.25?	0 55	3.55?
1913	June 17	IV	Elvedon Hall	2.85	0 58	2.95
1901	July 12	II	Maidenhead, Lowood	3.63	1 0?	3.63?
1903	May 30	II	Beddington Corner	3.50	1 0	3.50
1911	May 26	II	Fareham, The Mount	3.00	1 0	3.00
1897	July 21	IV	Ipswich, Bishops Hill	2.95	1 0	2.95
1895	June 26	VI	Worcester, Diglis Lock.....	2.75	1 0	2.75
1909	June 1	XII	Carsphairn, Shiel	2.71	1 0?	2.71?
1873	July 28	XVII	Fettercairn	2.60	1 0	2.60
1889	June 7	II	Tonbridge, Ferndale	2.60?	1 0?	2.60?
1886	July 25	VIII	Sale, Brooklands	2.58	1 0	2.58
1899	July 22	V	Dorchester Water Works	2.56	1 0?	2.56?
1875	July 22	V	Trowbridge, Sunnyside	2.53	1 0	2.53
1875	June 29	III	Cardington	2.50	1 0	2.50
1886	July 25	IX	Wakefield, Stanley Vicarage ..	2.50	1 0	2.50

Table XV.—*Heavy Falls in Short Periods in 1926.*

County and River Division.	Station.	Date.	Amount	Dura- tion.	Rate per Hour.
(a) EYE OBSERVATIONS.					
			in.	min.	in.
Norfolk .....1	Norwich (Eaton)	June 17	·52	5	6·24*
Derby .....7	Denby (Hill House)	June 8	·51	5	6·12*
Surrey .....6	Peaslake (Dewdney)	Sept. 24	·17	5	2·04
Renfrew .....2	Glasgow	Aug. 5	·50	10	3·00
Cheshire .....3	Birkenhead	Sept. 20	·41	10	2·46
Cheshire .....2	Northwich (Barnton)	July 9	·38	10	2·28
Yorks, N.R. ....4	Ampleforth College	Aug. 6	·52	12	2·60
Kent .....1	Dover (Waterloo Crescent)	Aug. 16	·44	12	2·20
Cheshire .....3	Birkenhead	Sept. 20	·55	15	2·20
Forfar .....2	Dundee	Aug. 6	1·00	20	3·00
Kent .....2	Margate (Cliftonville)	Aug. 16	·51	20	1·53
Surrey .....6	Woking (Sutton Green)	Sept. 1	·53	23	1·38
Northants ....4	Wellingborough (Swanspool)	May 21	·92	25	2·21
Northants ....4	Sywell Hall	May 21	1·05	30	2·10
Wilts .....5	Marlborough, Mildenhall	April 4	1·00	30	2·00
Warwick .....1	Long Compton (Weston Park)	May 21	·87	30	1·74
Moray .....5	Darnaway Castle Gardens	June 13	·82	30	1·64
Northants ....4	Sywell Hall	April 4	·79	30	1·58
Durham .....3	South Shields (Bents Park)	June 8	·86	35	1·47
Cumberland ..1	Renwick (Ravenwood)	June 30	1·12	40	1·68
Cheshire .....4	West Kirby (St. Andrews Vic.)	Sept. 20	1·44	45	1·92
Northumberland6	Ilderton (Lilburn Tower)	June 30	1·15	45	1·53
Cornwall .....2	Gwennap (Trevince)	July 18	1·80	50	2·16*
Cheshire .....4	West Kirby (St. Andrews Vic.)	July 18	1·55	50	1·86
Antrim .....5	Broughshane	Aug. 16	1·33	60?	1·33
Somerset .....1	Litton (Sherborne Res.)	July 18	1·26	60	1·26
Westmeath ..1	Rathowen (Cromlyn)	Aug. 30	1·25	60	1·25
Surrey .....4	Croydon (Northampton Road)	Aug. 31	1·31	75	1·05
Sussex .....7	E. Grinstead (Brockhurst Obsy.)	Aug. 31	1·80	90	1·20
Sussex .....4	Haywards Heath (Paddockhall Road)	Aug. 31	1·45	90	·97
Somerset .....1	Shepton Mallet (Pondsmead)	July 17	1·40	90	·93
Surrey .....2	S. Godstone (Hartsridge)	Aug. 31	1·35	90	·90
Hants .....2	Bournemouth (Howard Road)	April 4	1·52	95	·96
Surrey .....2	Oxted (West Heath)	Aug. 31	2·20	100	1·32*
Surrey .....2	Oxted (Stone Hall)	Aug. 31	2·14	105	1·22*
Essex .....2	Manor Park (City of London Cemetery) ..	Aug. 31	1·50	105	·86
Surrey .....2	Dormans Park (Chartham Park)	Aug. 31	1·66	108	·92
Cornwall .....1	Newquay (Mount Wise)	July 18	1·71	110	·93
Somerset .....1	High Littleton Vicarage	July 17	2·99	120	1·50||
Surrey .....2	Lingfield (Felcourt)	Aug. 31	1·68	120	·84
Surrey .....2	Tatsfield	Sept. 1	1·62	120	·81
Cornwall .....1	Wadebridge (Bryn)	July 18	1·59	120	·79
Somerset .....3	Combe St. Nicholas	July 18	1·53	120	·77
Somerset .....1	Litton (Sherborne Res.)	July 17	1·47	120	·73
Northumberland5	Howick Hall Gardens	Sept. 20	1·40	120	·70
Sussex .....3	Brighton (Dyke Road)	Aug. 31	1·34	120	·67
Berks .....5	Abingdon (Donnington)	May 23	1·32	120	·66
(b) AUTOGRAPHIC RECORDS.					
C. Lancs .....3	Southport (Hesketh Park)	July 18	·20	5?	2·40
Armagh .....5	Armagh Observatory	Aug. 16	·20	5	2·40
Fife .....3	Leuchars (Seaplane Station)	July 9	·20	5½	2·18
S. Devon .....2	Plymouth (Cattewater)	Feb. 1	·20	6	2·00
Surrey .....4	Croydon Aerodrome	Sept. 24	·20	6	2·00
C. Lancs .....3	Southport (Hesketh Park)	Sept. 20	·43	10	2·58
Renfrew .....2	Renfrew Aerodrome	Aug. 6	·39	10	2·34
London .....2	Hampstead Observatory	May 7	·43	11	2·35
Flint .....1	Sealand Aerodrome	Sept. 20	·39	12	1·95
Sussex .....5	Hellingly (Burlow)	May 22	·45	15	1·80
N. Lancs .....4	Lancaster (Greg Observatory)	July 18	1·20	15	4·80*
N. Lancs .....5	Blackpool (Met Observatory)	July 18	1·00	20	3·00
Sussex .....5	Eastbourne (Motcombe Gardens)	Aug. 16	·76	20	2·28
Sussex .....5	Hellingly (Burlow)	Aug. 16	1·21	50	1·45

* "Remarkable" fall.

|| "Very rare" fall.

A complete list of the recorded falls of "very rare" intensity of one hour or less is given in Table XIV, where readings of ordinary as well as of autographic gauges are included.

In Table XV particulars are given of falls recorded in 1926 which reached at least the intensity "worthy of notice." Not more than one entry is made for the same shower for any station. The entry gives the largest amount recorded with a mean intensity "worthy of notice" on that day. Intense falls of less duration than 5 minutes have not been included in the table, since in these cases the error is likely to be relatively large and in general such falls are not of practical importance. No falls of longer duration than 2 hours are included in the table.

It sometimes happens that an observer experiences particularly heavy rainfall, but is unable to obtain sufficiently definite information to warrant the inclusion of the statistics in the table. Some of these falls are mentioned in the text.

The geographical distribution of the heavy falls of Table XV is given in the following summary, in which the autographic records have been separated from those made with ordinary gauges. It will be seen that the total number of such heavy falls was about twice the average number usually reported for the British Isles. There are only 8 entries in the table for stations in Scotland and Ireland. This is partly due to the fewer number of recording stations in these countries and partly to the less frequent occurrence of intense falls in these districts.

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

		England and Wales.					Scotland.	Ireland.	British Isles.	Per cent. of records received.
		S.E.	S.W.	N.E.	N.W.	Total.				
1926	(a) ..	21	10	8	3	42	3	2	47	1.0
	(b) ..	5	1	2	3	11	2	1	14	0.3
	Sums ..	26	11	10	6	53	5	3	61	1.3
Average 1868-1926		15.8	7.6	4.4	2.2	30.0	2.1	1.4	33.5	1.0

(a) Observations made without autographic rain-gauges.

(b) Readings of autographic gauges.

Heavy falls in short periods in 1926 of an intensity at least equal to that of "worthy of notice" occurred, as is usually the case, mainly in the summer months. During the 46 years 1868 to 1913 the frequency of heavy falls in short periods in the months June, July, August and September expressed as a percentage of the total for the year was 22, 33, 21 and 7, whereas the corresponding values for 1926 were 10, 23, 34 and 16. Thus in 1926 about two-thirds of such falls were included in the two months July and August, the number in June being less than the average and that in September considerably more.

The first fall "worthy of notice" was recorded on *February 1st* at Cattewater, near Plymouth, when $\cdot 2$ inch fell in 6 minutes. This was the most intense portion of a fall of $\cdot 46$ inch occupying 2.7 hours.

Entries in Table XV appear on *April 4th* for Bournemouth, Sywell Hall in Northampton, and Mildenhall in Wiltshire. They were associated with a secondary depression moving north-east from the Bay of Biscay which caused heavy local rain and thunderstorms in the South of England. The observer at Bournemouth read the gauge immediately on his return from church in the morning and reports that all of the 1.52 inch certainly occurred between 10h. 45m. and 12h. 20m., and probably between 11h. 15m. and 11h. 45m. The longer interval has been given in the table.

The falls included in the table for *May* occurred during thunderstorms on the 7th and 21st to 23rd. On the 21st heavy rains were reported from Swanspool and Sywell Hall, near Wellingborough, and at Weston Park in the extreme south of Warwickshire.

Although the number of heavy falls in short periods in *June* was less than the average, thunderstorms were of fairly frequent occurrence during the month in eastern and central England, as many as 7 being reported from Raunds in Northamptonshire. On the 8th heavy falls were recorded at South Shields and at Denby, near Crosshill, in Derbyshire. In both cases the precipitation was largely in the form of hail. At Norwich, $\cdot 52$ inch of rain and hail fell in about 5 minutes during a thunderstorm about midday on the 17th. The falls at Denby and Norwich were sufficiently intense to be classified as "remarkable."

In contrast with the fall on June 14th at Lilburn Tower, in Northumberland, when it rained all day to yield 1.20 inch, on the 30th 1.15 inch fell in 45 minutes. The observer describes the thunder, lightning and heavy rain as "terrific," and points out that at Wooler, 4 miles to the north, and at places about the same distance south, there appeared to have been no rain at all. The falls of the 14th and 30th contributed nearly one half of the total for the month at that station, which appears as the largest value on the percentage map for June. At Lilburn Tower the intense rain occurred at about 14 h., while that at Renwick to the north-east of Penrith, where 1.12 inch fell in about 40 minutes, occurred after 19 h. and "came over Scafell from about south-west."

On *July 9th* thunderstorms, accompanied in some districts by heavy rain, occurred over a wide area. The intensity reached "worthy of notice" at Leuchars, in Fifeshire, where $\cdot 20$ inch fell in $5\frac{1}{2}$ minutes and at Northwich where $\cdot 38$ inch fell in 10 minutes. On the 17th local thunder was experienced in south-west districts. Entries appear in the table only for stations in Somerset, the intensity being "remarkable" at High Littleton Vicarage to the north-west of Radstock.

At Hinton Blewett, some 3 miles to the south-west, the fall of 1·92 inch fell principally between 6 h. 30 m. and 7 h. 30 m. (on the morning of the 18th). At four stations, observations of heavy rain were made for periods greater than 2 hours as indicated below :—

County and River Division.	Station.	Date.	Amount	Dura- tion.	Rate per Hour.
			in.	min.	in.
S. Devon.....7	Seaton (Pendeen)	July 17	2·56	150	1·02
Somerset .....2	Glastonbury (St. Michaels)	July 17	2·81	165	1·02
Westmeath ...1	Moate (Coolatore)	July 17	1·94	210	·55
Kings Co. ....1	Ballycumber (Bellair House).....	July 17	3·80	240	·95

The heavy rain at these stations was local and also occurred between 6 h. and 9 h. on the 18th. The above entries for Ireland are of particular interest since records of intense falls are rare in that country. At Sherborne Reservoir, to the north of the Mendip Hills, the heavy rain of 1·47 inch recorded between 7 h. and 9 h. on the 18th was followed by a further 1·26 inch in an hour. Entries for both falls are given in the table. Other stations in Somerset also recorded heavy rain on both days. Thus at Combe St. Nicholas Vicarage, near Chard, a severe thunderstorm raged from 2 h. to 10 h. on the 18th. The gauge was empty at the beginning of the storm and at 9 h. registered 1·50 inch and at 10 h. a further 1·53 inch. The observer suggests that owing to hailstones bouncing out of the gauge the true precipitation was in excess of these amounts. Some of the hailstones measured 3 by 3½ inches. By the evening of the 18th thunderstorms had spread to eastern England, and continued until the morning of the 19th. The thunderstorms were the most widespread for many years, affecting practically the whole of the British Isles. At Membury (Green Down) near Axminster, practically all the measured fall of 2·79 inches is reported to have fallen between 6 h. and 9 h. on the 19th, including ·95 inch between 8 h. and 9 h. At Membury (Varty House) about 1 mile away, the time given for the measured fall of 2·76 inches is 0 h. to 9 h. 10 m., including ·99 inch from 8 h. to 9 h. 10 m. Both the falls just fail to qualify for mention in the table. The intense rain was confined to the district within a radius of 10 miles. At Gwennap (Trevince), near Redruth, 1·80 inch of rain and melted hail was registered in 50 minutes about mid-day. At the cessation of the storm the hailstones were at least 1½ inch deep on the ground. Some of them measured 4 by 2 by 1 inch thick and over 1,000 panes of glass were broken in greenhouses. Intense rains also occurred further to the north of England where considerable damage was occasioned by flooding. At West Kirby in Cheshire 1·55 inch fell during a thunderstorm lasting from 16 h. to 16 h. 55 m. In the Lake District the storm was very violent and a climber, losing his foothold on rocks rendered slippery by torrential rain, fell 150 feet to his death on Langdale Pikes.

Entries occur in the table for Lancaster, Southport and Blackpool.

At Lancaster the intense rain occurred just after and at Southport and Blackpool just before midnight on the 19th. Further particulars of this storm will be found on p. 62.

Entries in the table for *August* are given for the 5th, 6th, 8th, 16th, 30th and 31st, there being a considerable number only for the 16th and 31st. At Glasgow heavy rain occurred just after midnight on the 5th when .50 inch fell in 10 minutes out of a total fall of .99 in two hours. On the 6th, heavy falls occurred at Ampleforth College to the north of York, Renfrew, Leuchars in Fifeshire, and Dundee. At both Renfrew and Leuchars, .20 inch was recorded in 3 minutes during the most intense portion of a thunderstorm in the morning of the 6th. At Dundee 1.00 inch fell from 14 h. 25 m. to 14 h. 45 m., and destructive flooding occurred. It is fortunate that the storm had spent itself before high water, and the flow to the sea was thus only partially interrupted.

At Wycliffe College near Stroud, Kent, .50 inch was recorded in 20 minutes and at Hayling Island, near Portsmouth, .85 inch in one hour during thunderstorms on the afternoon of August 11th. Neither of these falls qualify, however, for entry in the table.

Heavy rain on the 16th occurred at two stations in Ireland. At Broughshane, near Ballymena, 1.33 inch fell from 16 h. 30 m. to 17 h. 30 m., while at Armagh .20 inch was recorded in 5 minutes. Subsequently in south-eastern England a severe thunderstorm occurred during the night of the 16th, damage by lightning and heavy rain being reported from stations along the south and south-east coasts from the Isle of Wight to Margate. Ramsgate suffered particularly, the damage there being estimated at several thousand pounds. Of the .76 inch which fell at Eastbourne in 20 minutes just after midnight, .33 inch fell in 5 minutes. At Hellingly, to the north of Hailsham, .73 inch out of the 1.21 inch given in the table, fell in 12 minutes. At Upper Hardres and Bossingham in Kent, a great deal of damage to fruit and crops was occasioned by the heavy hail accompanied by a high wind. The chief feature of the storm was the vividness and continuity of the lightning. A fall of .20 inch in $2\frac{1}{2}$ minutes on August 20th was reported from Leuchars in Fifeshire.

An isolated instance of a heavy fall on the 30th was reported from Rathowen in West Meath, where during a thunderstorm 1.25 inch was recorded between 15 h. 25 m. and 16 h. 25 m.

Severe local thunderstorms accompanied by heavy rain occurred in south-east England in the early hours of *September 1st*, associated with a depression over France. The rainfall is credited to August 31st and there are more entries in the table for this day than for any other. At Brockhurst Observatory, to the east of East Grinstead, 1.80 inch was reported to have fallen with tropical violence between 5 h. 30 m. and 7 h. At Chartham Park, further north, 1.66 inch

fell in two heavy showers from 5 h. 32 m. to 6 h. and 6 h. 18 m. to 7 h. 20 m. The two entries given for Oxted, some 12 miles nearer London, rank as "remarkable." At Ledgers, near Warlingham, 4 miles nearer London, 2·04 inches were measured, the storm lasting "rather more than an hour." At Barcombe, near Lewes, it rained from 5 h. 10 m. to 5 h. 36 m., and again from 5 h. 41 m. to 6 h. 4 m., the total rainfall of ·87 inch actually fell in 49 minutes, although the whole fall which occurred in 54 minutes does not qualify for inclusion in the table. A record of a fall of 1·05 inch mostly between 16 h. 55 m. and 18 h. on September 2nd was made at Dedham, in the north-east of Essex.

On the morning of September 20th, the thunderstorms, accompanied by heavy local rains, were associated in northern districts with the incursion of a cold northerly current. Entries for this day are given for Sealand Aerodrome, near Chester; West Kirby, to the west of Birkenhead; Birkenhead and Southport, as well as Howick Hall on the coast of Northumberland. At West Kirby the rain fell shortly after midnight, at Birkenhead ·41 inch fell between 3 h. 25 m. and 3 h. 35 m., and ·55 inch between 4 h. 15 m. and 4 h. 30 m. At Southport, during the most intense portion of the storm, ·20 inch fell in $2\frac{1}{2}$ minutes.

On the 24th, ·17 inch was recorded in 5 minutes in the late afternoon at Dewdney, between Guildford and Dorking; while at Croydon ·20 inch fell in 6 minutes.

There are no heavy falls in short periods to record during the last three months of the year.

In the preceding section the material has been provided both from autographic records and from eye observations at any of the 5,000 rainfall stations. Another method of dealing with the frequency of heavy falls of rain is to confine attention to the stations with autographic records and to examine the traces for all the rain which occurs at these stations. That has been done for the stations set out in Table XVI. In the tabulations on which the classification is based, the shortest interval in which ·2 inch (5 mm.) falls is entered for each day on which so much rain occurs. Similarly with falls of ·4 in. and 1 inch. Cases in which a fall of the given amount occupied parts of two days are included, but each fall counted is of less than 24 hours' duration, and only one fall of the given amount is credited to each calendar day. In the classification adopted in Table XVI, the first time limit for each of the stated amounts is nearly in accordance with the specification of a noteworthy Fall (*see* diagram) and corresponding entries will be found in Table XV.

In discussing the results it must be borne in mind that the time scales of the autographic records are so small that the discrimination between falls of ·2 inch which last more or less than 6 minutes is difficult. The other limiting rates are comparatively easy to judge.

Table XVI. Number of Days on which specified amounts of Rain fell in specified times during 1926.

County	Place.	0·2 inch.				0·4 inch.				1 inch.				
		15 min. or less.		30 min. or less.	60 min. or less.	15 min. or less.		30 min. or less.	60 min. or less.	1 hour or less.		2 hours or less.	5 hours or less.	24 hours or less.
		6 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	15 min. or less.	30 min. or less.	60 min. or less.	1 hour or less.	2 hours or less.	5 hours or less.	24 hours or less.		
London	Camden Square	0	1	4	5	0	0	2	1	0	0	0	1	0
Surrey	Croydon	1	0	6	4	0	0	1	3	0	0	0	0	1
"	Kew Observatory	0	1	1	5	0	0	0	2	0	0	0	0	1
Kent	Lympne	1	0	1	5	1	0	0	1	0	0	0	1	0
Hampshire ...	Calshot	0	0	3	3	0	0	1	1	0	0	0	0	1
" ..	*Andover	0	1	2	8	0	0	0	4	0	0	0	0	3
" ..	South Farnborough	0	0	3	5	0	0	1	2	0	0	0	0	1
Suffolk	Felixstowe	1	0	1	3	0	0	1	0	0	0	0	0	0
Devon	Cattewater	1	0	0	4	0	0	0	2	0	0	0	0	2
Lincoln	Cranwell	0	0	1	1	0	0	0	1	0	0	0	0	1
Lancashire ...	Southport	2	1	5	8	1	0	1	2	0	0	1	0	1
Flint	Sealand	1	3	0	1	1	0	2	0	0	0	0	0	1
Anglese	Holyhead	0	3	4	9	0	0	1	6	0	0	0	0	2
Dumfries	Eskdalemuir	0	2	7	16	0	0	2	9	0	0	0	6	8
Renfrew	Renfrew	1	2	1	7	1	1	0	4	0	0	1	1	5
Fife	Leuchars	3	0	4	4	0	1	1	3	0	0	0	0	3
Aberdeen	Aberdeen	0	0	0	8	0	0	0	1	0	0	0	1	4
Shetland	Lerwick	0	0	3	12	0	0	0	2	0	0	0	0	3
Co. Kerry	Valentia Observatory ..	0	2	3	15	0	0	1	5	0	0	0	0	4
Co. Armagh ..	Armagh Observatory	1	2	1	3	0	0	0	2	0	0	0	0	0

The falls are not necessarily continuous nor are they always confined to one calendar day. If a fall occupies parts of two days, it is regarded as belonging to the day which contributes the greater share to the amount of the fall. Not more than one fall of each specified amount is credited to any day; if more than the specified amount fell on any day, that part of it which fell in the shortest time is used for the table.

* Data from Winchester (Worthy Down) utilised after 1st November.

7.—HEAVY FALLS ON RAINFALL DAYS IN 1926.

The daily measurements of rain which are set out in this section are :—

- (a) Falls of 2·5 inches or more in the rainfall day.
- (b) Falls which amount to at least 7·5 per cent. of the year's total.

The latter criterion is used in order that daily falls in the drier areas, which are very heavy when judged by local standards, should be taken into account. Only stations for which the annual rainfall is less than 33·3 inches may be affected by criterion (b) if criterion (a) does not apply. This year criterion (b) acts as the deciding factor in determining admission to this section of a heavy daily fall only on relatively few occasions, this result being commonly noted in years which are not dry. Daily falls which satisfy *both* criteria are also few in number. As is to be expected, the areas from which the majority of heavy falls are reported are the normally wet mountainous areas.

A table showing the absolute maximum daily rainfall and the absolute maximum daily percentage reported for each year from 1865 to 1921, was published in *British Rainfall*, 1921, p. 86. The portion of the table from 1913, completed by the addition of particulars for the years 1922 to 1926 is printed here. This portion contains the largest value given in the complete table, both as to amount and percentage ; these figures are printed in heavy type.

A list of all recorded daily falls of 6·5 inches or more is printed on p. 73.

TABLE XVII.—*Maximum Daily Fall and Maximum Percentage, 1913 to 1926.*

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..	9·58	..	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	Liechwedd 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
1925..	<i>4·13</i>	<i>2·8</i>	Snowdon (L. Llydaw Copper M).	9	11·4	<i>2·35</i>	Boston (Fishtoft S) .	7	1925
1926..	6·05	9·4	Abergwesyn (Nantneuadd)	11	10·9	4·57	Pembroke Dock	11	1926

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

Particulars of the 12 largest falls of the year 1926 are given in Table XVIII. The table shows also the year's total at each of the stations and the percentage of that total which is accounted for by the highest daily fall. Only one entry is given for each of the stations included in the table.

TABLE XVIII.—*The largest Daily Rainfalls in 1926.*

Date.	Div.	Station.	Depth.	Per cent. of Year.	Total for Year.
			in.	%	in.
July 18	XI	Abergwesyn (Nantneuadd)	6·05	9·4	64·09
July 18	XI	Llanwrtyd Wells (Brynonen)	5·74	9·7	59·34
June 10	XI	Snowdon (Llydaw Intake) No. 10 . .	5·45	3·7	147·40
June 10	XI	Snowdon (Lake Llydaw Copper Mine) No. 9	5·37	3·5	151·89
Nov. 18	XXII	Delphi Lodge	5·06	4·9	103·40
Nov. 4	XI	Snowdon (Cwm Dyli) No. 11	4·90	4·1	118·93
Nov. 4	X	Buttermere (Hassness)	4·61	4·5	101·75
July 18	XI	Pembroke Dock (Admiralty Res.) . .	4·57	10·9	41·84
Nov. 4	VIII	Duddon Valley (Seathwaite School)	4·43	5·3	84·13
July 18	XI	Birmingham W. W. (Elan Village) . .	4·41	7·8	56·47
Nov. 4	X	Grasmere (The Wray)	4·29	4·3	98·95
Mar. 7	XVIII	Loch Quoich (Kinlochquoich)	4·26	3·5	120·43

There were not many striking instances in 1926 of daily falls of exceptional intensity. The most noteworthy rainstorm of the year was probably that entered to the date *July 17th* in the region of Dorset, Devon and Somerset, and continued into the following rainfall day in various other parts of these islands, but especially in Wales. This rain was associated with a series of intense thunderstorms and was responsible for the measurement of 6·05 inches at Abergwesyn (Nantneuadd) for *July 18th*, which is the highest daily measurement for the year which has come to our notice. In the tables included in the following chronicle there are 26 cases of daily rainfall amounts in excess of 4 inches ; of these 8 were also in excess of 5 inches and 1 in excess of 6 inches. Practically all these cases of heavy rainfalls are reported from mountainous areas where the average fall is considerable.

Chronicle.

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

JANUARY.—During the *1st and 2nd January* a very deep depression moved from S.W. to N.E. over the North-eastern Atlantic and heavy rain fell over the British Isles in the region on the right of its track, where several secondary disturbances were developed one after another. The rain was most intense in southern districts of England and Wales, but considerable falls were experienced practically everywhere. The strong wind which accompanied the disturbances brought about an intensification of the rainfall in the mountains of South Wales owing to orographic effects.

January 1st.

<i>N. Devonshire.</i>	<i>in. or %</i>	<i>Glamorgan.</i>	<i>in. or %</i>
Parkham (Melbury Reservoir)	2·74 5·9	Rhondda W.W. (Llyn Fawr Res.)	3·00 3·7
<i>Somersetshire.</i>		Glyncorwg Colliery	3·05 4·1
Hawkridge (Liscombe)	2·60 4·3	Treherbert (Tyn-y-waun)	3·33 3·8
Simonsbath	2·92 4·9	Rhondda (Pont Llest Wen R., No. 3)	2·89 3·8
<i>Monmouth.</i>		Rhondda (Pont Llest Wen R. No. 2)	2·94 3·9
Newport W.W. (Pant-yr-eos)	2·79 5·5	Rhondda (Pont Llest Wen R., No. 1)	3·07 3·5

After a brief interval the British Isles came again under the influence of an intense cyclonic system far out on the Atlantic, and the heavy falls reported in mountainous districts of Scotland for *January 8th, 9th and 10th*, may be associated with this system. There was a vigorous and broad current of air from the S.W. associated with straight isobars over the northern districts, and the heavy rainfall was mainly orographic in character.

January 8th.

<i>Argyll.</i>	<i>in. or %</i>	<i>Inverness-shire.</i>	<i>in. or %</i>
Ardgour House	2·55 2·4	Loch Quoich (Kinlochquoich)	2·89 2·4
Glen Etive	2·70 2·5	Loch Arkaig (Achnacarry)	2·58 2·9
Mull (Glencannel)	2·65 2·4		

January 9th.

<i>Kerry.</i>	<i>in. or %</i>	<i>Kerry.</i>	<i>in. or %</i>
Kilgarvan (Inchamore)	3·50 3·4	Kenmare (Sheen Falls)	2·65 4·0

January 10th.

<i>Stirling.</i>	<i>in</i>	<i>or</i>	<i>%</i>	<i>Argyll.</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Duchray Valley (Glen Dhu)	2.90		3.0	Dalmally (Manse of			
Duchray Valley (Comer) ..	2.90		2.9	Glenorchy)	2.53		2.7
<i>Argyll.</i>				<i>Perth.</i>			
Morvern (Kingairloch)	2.78		2.6	Comrie (Dunira)	2.61		4.2
Duror (The Rectory)	2.90		3.8	<i>Inverness-shire.</i>			
Glenleven (Kinlochleven)				Loch Eil (Achdalieu)	3.18		4.6
No. 1	3.54		3.5				

After a cold interval, during which the occurrence of Easterly winds from the continent was a prominent feature, a South-westerly type of weather became established again by January 22nd, the weather of the British Isles coming under the influence of a large Atlantic depression. Secondaries to this depression, assisted by orographic effects in the strong moist current, appear to have been responsible for the heavy falls listed for *January 24th to 26th*.

January 24th.

Merionethshire.—Blaenau Festiniog (Llechwedd Quarry) 3.03 *in.* or 2.9 per cent.

January 25th.

Westmorland.—Dungeon Ghyll 3.01 *in.* or 2.7 per cent

January 26th.

<i>Kerry.</i>	<i>in.</i>	<i>or</i>	<i>%</i>	<i>Waterford.</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Kilgarvan (Inchamore)....	3.36		3.2	Portlaw (Curraghmore			
Kenmare (Sheen Falls) ..	3.10		4.7	Gardens)	2.73		5.2

FEBRUARY.—There followed a period of generally mild, unsettled weather which continued into February, and this was succeeded by a cooler, quiet period with winds from E. and N.E., while an anticyclone over Scandinavia became the dominant feature of the pressure distribution. A large Atlantic depression centred in the neighbourhood of Iceland extended its influence over the British Isles on *February 14th*, and heavy falls up to 4.3 inches were reported for that day from a number of stations in the Lake District and North Wales.

February 14th.

<i>N. Lancashire.</i>	<i>in.</i>	<i>or</i>	<i>%</i>	<i>Westmorland.</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ambleside (Skelwith Fold)	2.59		—	Grasmere (The Wray)	2.75		2.8
<i>Cumberland.</i>				<i>Merionethshire.</i>			
Buttermere (Hassness) ..	2.72		2.7	Blaenau Festiniog			
Silecroft (Old Chappels) ..	2.78		5.1	(Llechwedd Quarry)	3.06		2.9
<i>Westmorland.</i>				<i>Carnarvon.</i>			
Ambleside (White Craggs)	2.67		3.5	Snowdon (Cwm Dyli)	3.14		2.6
Ambleside (Market Square)	2.67		3.3	Snowdon (Llydaw Intake,			
Rydal (The Stepping				No. 10)	4.30		2.9
Stones)	3.07		3.5	Snowdon (Lake Llydaw			
Rydal (High Close)	3.05		3.4	Copper Mine, No. 9)	3.57		2.3
Rydal (The Hall)	2.75		3.1				

A secondary to the depression of the 14th moved along N.E. Scotland on *February 18th*, giving rise again to heavy falls in Snowdonia.

February 18th.

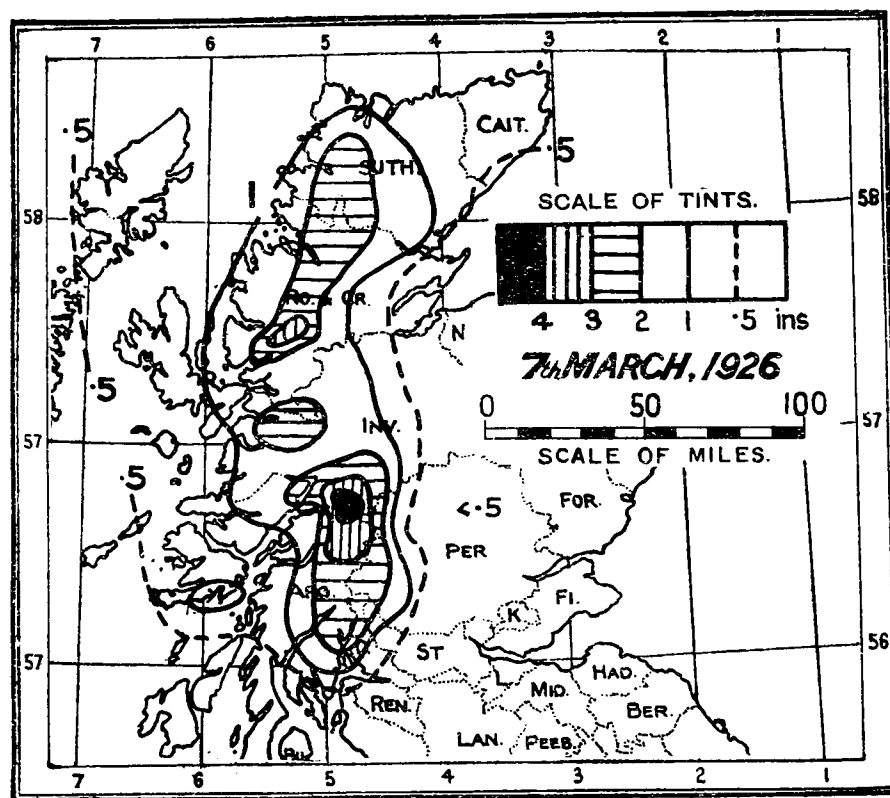
<i>Carnarvon.</i>	<i>in. or %</i>	<i>Carnarvon.</i>	<i>in. or %.</i>
Snowdon (Llydaw Intake, No. 10)	2.83 1.9	Snowdon (Lake Llydaw Copper Mine, No. 9)	3.05 2.0

The heavy rainfall in North Wales on *February 22nd* occurred in the broad S.W. current of moist Atlantic air associated with another depression centred near Iceland.

February 22nd.

Merionethshire.—Blaenau Festiniog (Llechwedd Quarry) 2.54 in. or 2.4 per cent.

MARCH.—After February 22nd the dominant features of the pressure distribution consisted of a low pressure system in the latitude of Iceland and a high pressure system in the latitude of the Bay of Biscay. Winds over the British Isles varied from S.W. to N.W. Measurements of rain for *March 7th* were large in the mountainous districts of Scotland, the orographic influence being apparently predominant. More than 4 inches were measured locally. A map of the rainfall distribution for this day is reproduced.



Rainfall, 7th March, 1926.

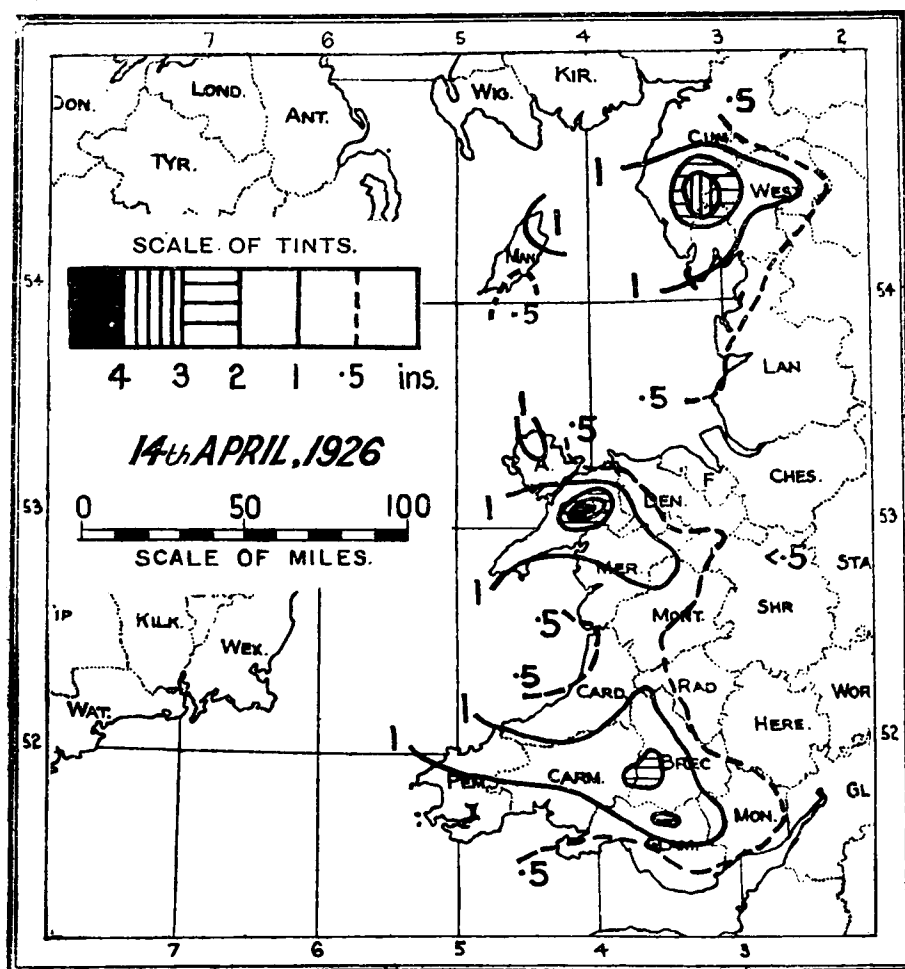
March 7th.

<i>Dumbarton.</i>	<i>in.</i>	<i>or</i>	<i>%</i>	<i>Inverness-shire.</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Arrochar (Glen Loin)	2.54		2.3	Loch Quoich (Kinloch- quoich)	4.26		3.5
<i>Argyll.</i>				Glenleven (Blackwater Dam N.)	7	3.91	4.0
Ardgour House	2.87		2.7	Kinlochleven (Kinlochmore Lodge)	4.16		4.2
Glenleven (Blackwater Dam S.)	4.13		4.3	<i>Ross and Cromarty.</i>			
Glenleven (Kinlochleven)..	4.10		4.1	Achnasheen (Ledgowan) ..	2.61		3.7
Glen Etive	3.00		2.7	Loch Carron (Dunhulladale)	2.98		4.1
Dalmally (Manse of Glenorchy)	2.56		2.8	Achnashellach	3.54		3.9
Glenbranter	2.98		2.7	<i>Sutherland.</i>			
Glencroe	2.70		2.1	Loch More (Achfary)	2.74		3.1
<i>Perth.</i>							
Loch Lyon (Invermearan)	3.23		3.4				

March 8th.

Argyll—Glencroe 2.60 in. or 2.1 per cent.

Later on in March an easterly type of weather set in, conditions being mainly anticyclonic, but at the end of the month a reversion to a southerly type became established.



Rainfall, 14th April, 1926.

APRIL.—The heavy rainfall of *April 14th* in the mountainous regions of the Lake District, North Wales and Co. Kerry was again partly orographical in character, a broad brisk current of air being maintained over the British Isles between a depression in the neighbourhood of Iceland and an anticyclone over Central Europe. The distribution of rainfall for this day is shown in the accompanying map.

April 14th.

<i>N. Lancashire.</i>	<i>in. or %</i>	<i>Westmorland.</i>	<i>in. or %</i>
Duddon Valley (Seathwaite Vicarage)	3.15 3.7	Dungeon Ghyll	2.50 2.2
<i>Cumberland.</i>		Grasmere (The Wray)	3.28 3.3
Buttermere (Hassness)	3.85 3.8	<i>Carmarthen.</i>	
Keswick (Derwent Island)	2.50 3.8	Llyn-y-fan Fach (Nant Coch)	2.73 3.5
Portinscale (High Moss)	2.50 3.7	<i>Carnarvon.</i>	
<i>Westmorland.</i>		Beddgelert (Council School)	2.86 3.1
Rydal (The Stepping Stones)	2.55 2.9	Snowdon (Cwm Dyli, No. 11)	4.52 3.8
Rydal	2.74 3.1	Snowdon (Llydaw Intake, No. 10)	4.85 3.3
Rydal (High Close)	3.05 3.4	Snowdon (Lake Llydaw Copper Mine, No. 9)	5.13 3.4
Rydal (The Hall)	2.66 3.0	<i>Kerry.</i>	
		Kilgarvan (Inchamore)	2.60 2.5

From April 14 to 22 winds remained generally between W. and N. On the 24th conditions were anticyclonic over the British Isles and from then until the end of the month, Easterly winds prevailed generally.

MAY.—The heavy fall in Co. Kerry on *May 24th* was associated with a depression far out on the Atlantic.

May 24th.

Kerry.—Kilgarvan (Inchamore) 3.50 in. or 3.4 per cent.

JUNE.—On the morning of *June 9th* an Atlantic depression was situated to the westward of the British Isles and a small but vigorous secondary depression was off S.W. Ireland. During the day the centre of the latter passed over southern Ireland, and the heavy falls reported from the west occurred on the west side of the track of the disturbance. The heavy falls reported for *June 10th* were also associated with this disturbance.

June 9th.

<i>Limerick.</i>	<i>in. or %</i>	<i>Clare.</i>	<i>in. or %</i>
Abbeyfeale (Springmount School)	3.15 7.1	Kilkee (Marine Parade)	2.75 6.4

June 10th.

<i>Cumberland.</i>	<i>in. or %</i>	<i>Carnarvon.</i>	<i>in. or %</i>
Buttermere (Hassness)	3.45 3.4	Snowdon (Cwm Dyli, No. 11)	2.97 2.5
<i>Merionethshire.</i>		Snowdon (Llydaw Intake, No. 10)	5.45 3.7
Blaenau Festiniog (Oakley Quarry)	3.81 3.7	Snowdon (Lake Llydaw Copper Mine, No. 9)	5.37 3.5
Blaenau Festiniog (Llechwedd Quarry)	3.30 3.2	<i>Mayo.</i>	
		Delphi Lodge	3.00 2.9+

The heavy rain in Northumberland for *June 14th* can be related with a depression moving northwards over the North Sea.

June 14th.

Northumberland.—Kirknewton (Coldburn) 2·63 in. or 5·5 per cent.

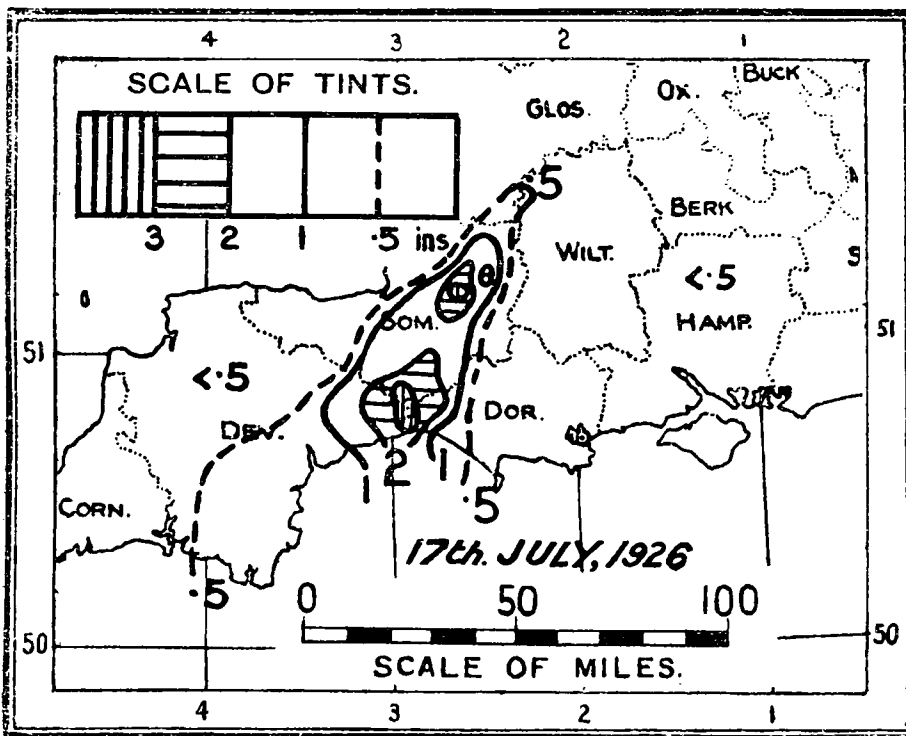
The unsettled conditions continued for some days but were finally replaced by anticyclonic weather towards the end of the month.

JULY.—After an unsettled period early in the month anticyclonic conditions were established for a time. Late in the evening of *July 17th*, after a brilliant display of lightning over the English Channel there commenced on the South Coast of England and in the South of Ireland a series of thunderstorms which became general during the course of the following day in most parts of England, Wales, Ireland and in portions of Scotland. The thunderstorms were unusually severe in western England, Wales and Ireland, the lightning being incessant and the thunder practically continuous, while the rain and hail were so heavy as to cause serious damage in many places. Many observers in these districts describe the storm as the most severe in their experience.

At Lyme Regis hundreds of tons of shingle are reported to have been torn from the roads and washed into the sea, while large hailstones did considerable damage to glass roofs. Here the rainfall amounted to about $3\frac{1}{2}$ inches. At Woolacombe in N. Devon the hailstones were 4 to 5 inches in circumference; at Sidmouth, S. Devon, 2·66 inches of rain fell in 5 hours and at Seaton the floods were 4 feet deep in places. At Axminster thunder was continuous from 10 p.m. on 17th July to 11 a.m. on the 18th. The rainfall amounted to about $2\frac{1}{2}$ inches, causing great floods which swept away fields of mown hay and other crops. Severe damage occurred also at Wells, Somerset, and at Llanwrtyd and Llandovery, South Wales. At the former station, 5·74 inches of rain was measured. The highest daily fall reported for 1926 (6·05 inches) was measured at Nantneuadd, Abergweswyn, Cardiganshire, for the 18th. At Haverfordwest, 3·29 inches of rain and melted hail fell during the afternoon. Some hailstones were 4 inches in circumference, other were 2 inches long. Most glass roofs in Haverfordwest were destroyed and considerable damage was done to growing crops. The storm was also very severe at Mold in Flintshire at about 7 p.m., when hailstones $1\frac{1}{4}$ inch in diameter tore the fruit and leaves from the trees and shot the bark into hanging ribbons. Heavy rain followed, which caused considerable damage to the roads. At Lancaster the worst of the storm was experienced in the early morning of the 19th. In the south-west of England the storm continued for the greater part of the day, but in the London area it did not begin till about 9 p.m., and, although severe locally in the east and south-east

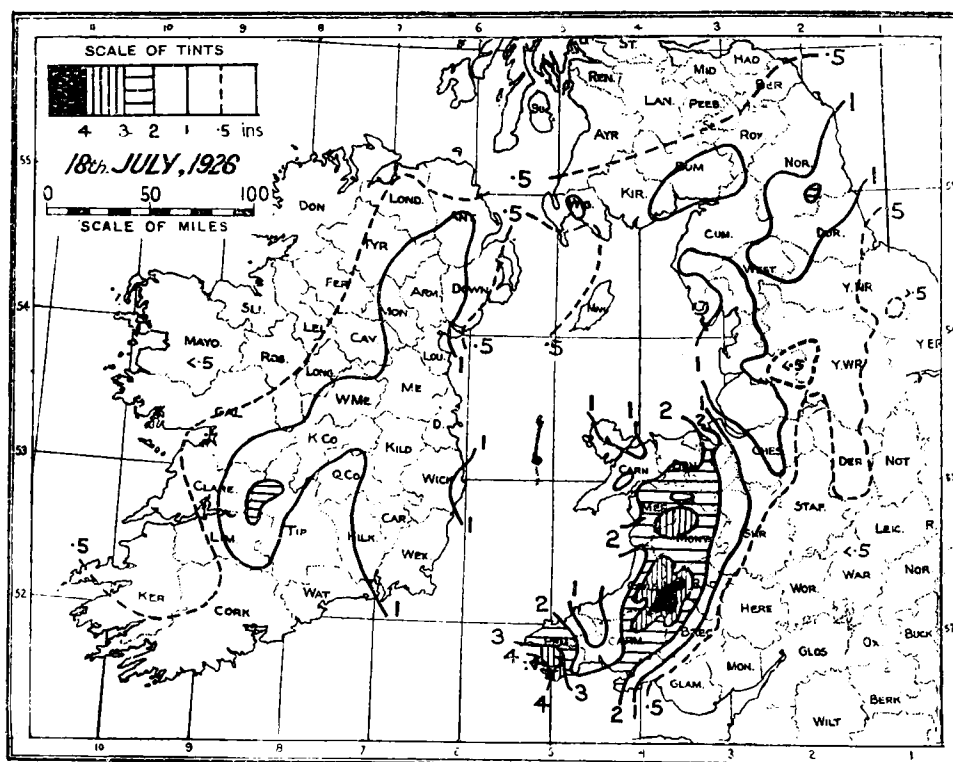
of England, in those districts it was not nearly as intense as the great thunderstorm which occurred in London during the night of July 9-10, 1923.

Observers' remarks as to times of commencement of the storm have been plotted on a map, which suggests that the storm can be divided broadly into at least four phases. The first phase broke out on the south-west coast of England and in South Ireland during the late evening of July 17th. This phase was sporadic in England, but it developed in South Ireland, where the storm continued for 5 or 6 hours in places and advanced northwards, reaching Donaghadee by 11.30 a.m. on the 18th. The second phase commenced off the Dorset coast early in the morning of the 18th, being especially severe at Lyme Regis. The maximum intensity of the storm had a relatively narrow width and it advanced northwards through Somerset to south and central Wales, where it started at from 7 a.m. to 9 a.m. . Thence it may, perhaps, be traced to Holyhead at 11.30 a.m. and on through Lancashire and Cumberland to the east coast of Scotland where it was reported at 3.55 p.m. at Leuchars. Meanwhile, a third phase had set in off the south Cornwall coast at about 10 a.m. ; this storm travelled north-east. This phase affected Haverfordwest, and as a result of the successive incidence of the second and third phases in the west midland counties of England the storm was very severe there all day. The third phase may, perhaps, also account for the storms reported from Lancashire and Yorkshire during the afternoon of the 18th. The fourth phase



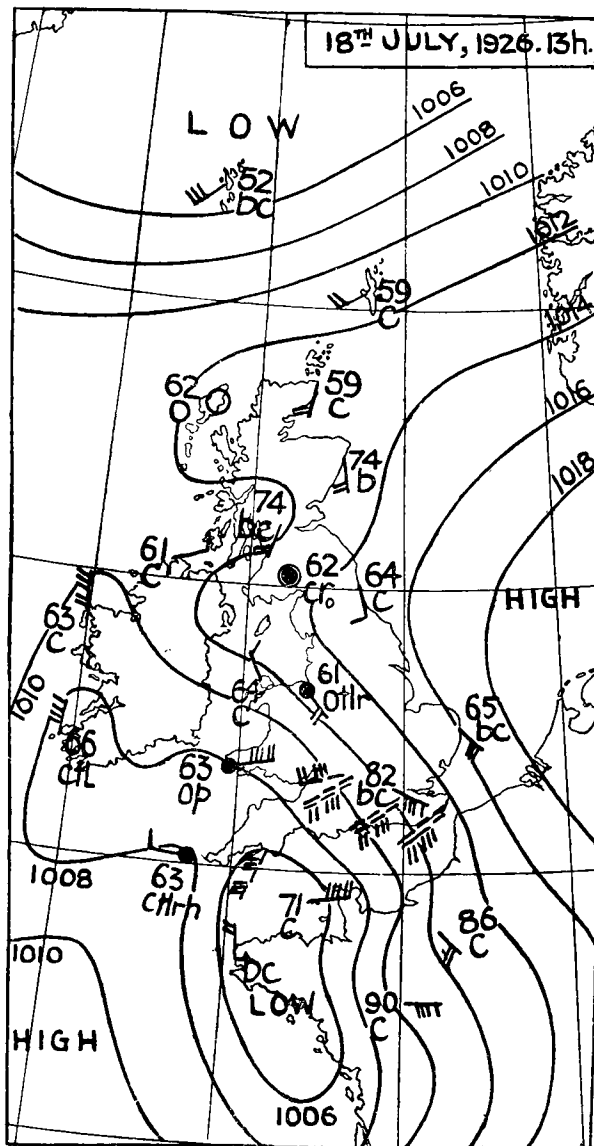
Rainfall, 17th July, 1926.

started off the coasts of Sussex, Kent and Essex at about 9 p.m., and travelled northwards at least as far as the Humber, where storms commenced at about midnight. In the south of England this phase continued until the early morning of the 19th.



Rainfall, 18th July, 1926.

Maps are reproduced to show the rainfall of the rainfall days commencing in the mornings of July 17th and 18th. It should, however, be borne in mind that the greater part of the rain credited to the 17th actually fell in the early morning of the 18th, before the normal hour of measurement. A map is also reproduced to show the distribution of wind, weather and pressure at 13h. G.M.T. on 18th July. This is very typical of summer thunderstorms. The surface winds over England were mainly between S. and E., but the upper winds came from the south-west. The high air temperatures of 86° and 90° over France may be noted.



Synoptic Chart, 18th July, 1926, 13 h.

BAROMETER.—Isobars are drawn for intervals of 2 millibars, 1,000 millibars = 29·53 mercury inches.

WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0 to 12, is indicated by the number of feathers. A circle indicates calm.

TEMPERATURE is given in degrees Fahrenheit.

WEATHER is indicated by the following notation:—

b, blue sky; bc, sky partly clouded; c, generally cloudy; h, hail; l, lightning; o, overcast sky; p, passing showers; q, squally; r, rain; t, thunder. Capital letters indicate "intense"; suffix o indicates "slight"; repetition of letters indicates continuity. ● = rain. Broken arrows show cloud movements.

July 17th.

<i>Dorsetshire.</i>	<i>in. or %</i>	<i>S. Devonshire.</i>	<i>in. or %</i>
Cheddington Court	2.82 7.6	Axminster (Lea Combe House) ..	2.50 6.4
Forde Abbey	2.53 6.4	Stockland (Reading Room) ..	2.93 7.1
Lyme Regis (Horn Bridge) ..	3.57 9.6	<i>Somersetshire.</i>	
Lyme Regis (Boat Close) ..	3.58 10.0	Chewton Mendip (The Priory) ..	3.26 6.6
Lyme Regis (Rotherfield) ..	3.86 10.1	Hinton Blewett (Shortwood House) ..	2.80 6.1
Lyme Regis (Overton)	3.50 10.1	High Littleton Vicarage ..	2.99 7.6
Lyme Regis (Evington) ..	3.80 10.5	Glastonbury (St. Michael's) ..	2.81 8.0
Lyme Regis (Highcliff) ..	3.37 10.0	Wells (Mental Hospital) ..	3.27 7.9
<i>S. Devonshire.</i>		Chard (High Street Council School) ..	3.15 7.9
Seaton (Pendeen)	2.56 8.0		
Lyme Regis (Pinhay Gdns.) ..	3.45 ..		
Lyme Regis (Ware)	3.13 8.7		

July 18th.

<i>Carmarthen.</i>	<i>in. or %</i>	<i>Radnor.</i>	<i>in. or %</i>
Llandilo (Cwmifor Council School) ..	2.62 5.9	Birmingham W. W. (Tynant) ..	4.16 6.2
Llyn-y-fan Fach (Nant Coch) ..	3.83 4.9	Rhayader (Penrally)	4.04 9.0
Llyn-y-fan Fach (Troed-y-Foel) ..	3.38 5.0	<i>Montgomery.</i>	
Llanwrda (Dolaucothy) ..	3.00 5.0	Llangurig (Dernol)	2.77 5.0
<i>Pembroke.</i>		Newtown (Penarth Weir) ..	2.89 7.9
Pembroke (Stackpole Court) ..	3.80 9.1	Lake Vyrnwy	3.70 6.1
Pembroke Dock (County School) ..	3.59 8.3	Lake Vyrnwy (Bank Cynon Isaf) ..	3.45 5.9
Pembroke Dock (Admiralty Res.) ..	4.57 10.9	<i>Flint.</i>	
Saundersfoot (Hean Castle) ..	2.75 7.1	Cilcain (Hawarden W. W.) ..	2.04 7.6
Haverfordwest (Picton Castle) ..	2.59 5.6	Northop (Soughton Hall) ..	2.47 7.6
Haverfordwest (Portfield) ..	3.44 7.8	Cilcain (Cilcen Hall)	2.46 8.9
Haverfordwest (Grammar School) ..	3.47 7.2	<i>Denbigh.</i>	
<i>Cardigan.</i>		Llanfihangel-glyn-myfyr ..	2.50 5.7
Llanafan (Crosswood Park) ..	3.49 7.5	Pentre Celyn Council School ..	2.87 8.3
Yspytty-Ystwyth (Hafod) ..	3.15 5.4	Clawdd-newydd	2.68 7.9
Abergwesyn (Nantneuadd) ..	6.05 9.4	Gyffylliog (Fachlwyd Hall) ..	3.06 8.2
Birmingham W. W. (Abergwngu) ..	3.50 4.9	Ruthin (Bodangharad) ..	2.40 7.8
<i>Brecon.</i>		Ruthin (Bwlch Tunnel) ..	2.80 8.2
Trecastle (Blaenau-hydfer) ..	2.57 3.7	<i>Merionethshire.</i>	
Llanwrtyd Wells (Brynonen) ..	5.74 9.7	Festiniog (Hafod Fawr) ..	2.75 3.6
Newbridge (Llysdinam) ..	3.50 8.0	Blaenau Festiniog (Oakley Quarry) ..	2.60 2.6
Birmingham W. W. (Elan Village) ..	4.41 7.8	Towyn (Yynys-y-Maengwyn) ..	2.50 5.7
<i>Radnor.</i>		Towyn (Peniarth)	2.68 5.5
Birmingham W. W. (Tyrmynydd) ..	3.95 6.6	Tal-y-llyn Rectory	2.95 4.4
Birmingham W. W. (Nantgwillt) ..	3.54 6.0	Dolgelly (Dol'rhyd)	3.20 5.4
Birmingham W. W. (Claerwen) ..	3.90 5.5	Dolgelly (Bryntirion)	2.68 4.7
		Dolgelly (Borthwnog)	2.80 6.3
		Trawsfynydd Camp	2.55 4.0
		<i>Perth.</i>	
		Loch Lyon (Invermearan) ..	3.06 3.3
		<i>Meath.</i>	
		Beauparc (St. Cloud)	2.56 8.2

Associated with the passage of a secondary depression across Scotland, heavy rain occurred on the high ground of Argyllshire and Inverness on *July 22nd*.

July 22nd.

<i>Argyll.</i>	<i>in. or %</i>	<i>Argyll.</i>	<i>in. or %</i>
Ardgour House	2·86 2·7	Mull (Lochbuie House)....	2·72 2·9
Glen Etive	2·60 2·4	Mull (Glencannel)	3·84 3·4
Dalmally (Manse of Glenorchy)	2·50 2·7	<i>Inverness-shire.</i>	
Glenbranter	2·79 2·6	Loch Quoich (Kinloch- quoich)	4·23 3·5
Glencroe	2·90 2·3		

Another depression passed rapidly across Scotland on *July 24th* and heavy rain fell near the east coast. In the Glasgow area the fall, though not sufficient in amount to qualify for admission into these lists, was, nevertheless, very severe, and considerable damage was done by flooding.

July 24th.

Stirling—*Falkirk* (Inglewood, Laurieston) 2·53 in. or 6·8 per cent.

After a further very unsettled period, an anticyclone appeared off the south-west coasts but, before the end of the month, when it established control over the weather of the British Isles, a heavy fall was reported from the Snowdon district on *July 28th*.

July 28th.

<i>Carnarvon.</i>	<i>in. or %</i>	<i>Carnarvon.</i>	<i>in. or %</i>
Snowdon (Llydaw Intake, No. 10)	2·70 1·8	Snowdon (Lake Llydaw Copper Mine, No. 9)	2·83 1·9

AUGUST.—Anticyclonic weather prevailed during the first five days of August. A V-shaped depression appeared on the 6th and was followed on the four following days by other secondary disturbances. Heavy rain occurred on *August 9th* with thunder locally.

August 9th.

Worcestershire—*Defford* (Upper Street) 2·14 in. or 8·2 per cent.

Conditions remained rather unsettled until the 19th, when an improvement took place over most parts of the country. An anticyclone crossed the country from 27th to 29th, and was followed by a depression which produced heavy rain in Ireland on *August 30th* and some thunderstorms in England on *August 31st*.

August 30th.

<i>Kilkenny.</i>	<i>in. or %</i>	<i>Westmeath.</i>	<i>in. or %</i>
Kilkenny (Lavistown House)	3·00 7·9	Castlepollard (Gillardstown House)	2·67 7·0
		<i>Longford.</i>	
		Ballymahon (New Castle)	2·58 6·4

SEPTEMBER was rather changeable and unsettled. The heavy falls on the 8th, 14th and 16th were largely orographic in character.

September 8th.

<i>Westmorland.</i>	<i>in. or %</i>	<i>Westmorland.</i>	<i>in. or %</i>
Rydal (High Close)	2·67 2·9	Dungeon Ghyll	2·50 2·2

September 14th.

<i>Westmorland.</i>	<i>in. or %</i>	<i>Inverness-shire.</i>	<i>in. or %</i>
Dungeon Ghyll	2·51 2·2	Loch Quoich (Kinloch-quoich)	2·50 2·1

September 16th.

Inverness-shire—Loch Quoich (Kinlochquoich) 2·50 in. or 2·1 per cent.

The fall in Roxburgh entered to *September 19th* was evidently the result of a severe thunderstorm which visited various parts of southern Scotland and northern England during the early morning of the following day.

September 19th.

Roxburgh—St. Boswells (The Fens) 2·38 in. or 8·4 per cent.

OCTOBER.—After a short spell of fine weather rain became general again on September 24th. On *September 30th and October 1st* heavy rain fell in mountainous areas of Scotland as the result of a secondary depression which affected the northern part of the country.

September 30th.

<i>Argyll.</i>	<i>in. or %</i>	<i>Inverness-shire.</i>	<i>in. or %</i>
Ardgour House	2·55 2·4	Skye (Kyleakin, Dunringell)	2·79 4·0
Mull (Glencannel)	2·68 2·4		

October 1st.

<i>Argyll.</i>	<i>in. or %</i>	<i>Argyll.</i>	<i>in. or %</i>
Crarae (Kennels)	2·52 3·2	Dunoon (Redhurst)	2·75 2·9
Dunoon (Reservoir)	2·90 3·0	Holy Loch (Ardnadam)	2·52 2·7
Dunoon (Burgh Pier)	2·87 3·0	Fladda Lighthouse	2·71 4·7

A very deep depression, accompanied by gales and strong winds crossed the country on *October 9th*. Rain fell generally, but it was especially heavy on the high ground of S. Wales. Considerable damage was reported from western and southern districts as a result of the gales.

October 9th.

Glamorgan—Rhondda (Pont Lluest Wen Res.) No. 1 2·55 in. or 2·9 per cent.

The heavy falls of *October 24th and 25th* were also associated with a deep depression, the centre of which crossed from west to east over the south of Scotland.

October 24th.

<i>Argyll.</i>	<i>in. or %</i>	<i>Argyll.</i>	<i>in. or %</i>
Toward (Inverchaolain)	2·75 3·6	Glenbranter	2·60 2·4

October 25th.

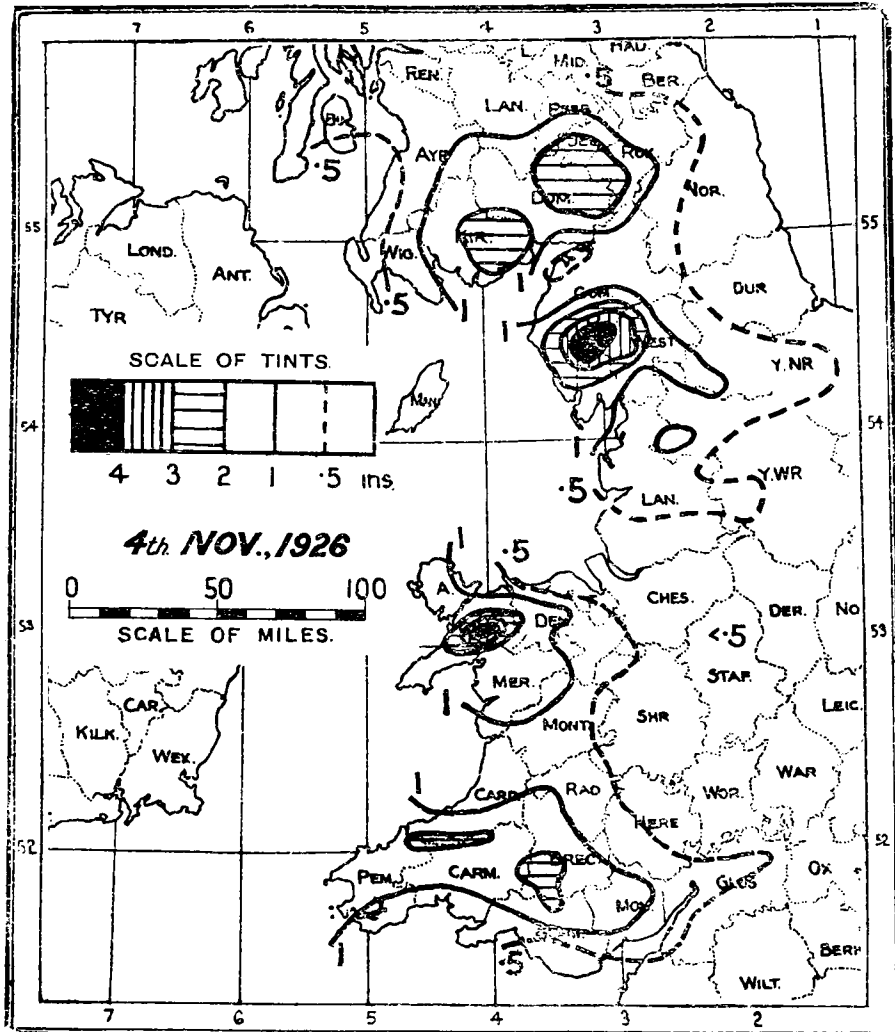
<i>Carnarvon.</i>	<i>in. or %</i>	<i>Carnarvon.</i>	<i>in. or %</i>
Snowdon (Llydaw Intake, No. 10)	3·27 2·2	Snowdon (Lake Llydaw Copper Mine No. 9)	2·65 1·7

NOVEMBER.—Heavy and continuous rain fell in south-west England in the night of *November 1-2*, in association with a secondary depression which advanced from the west.

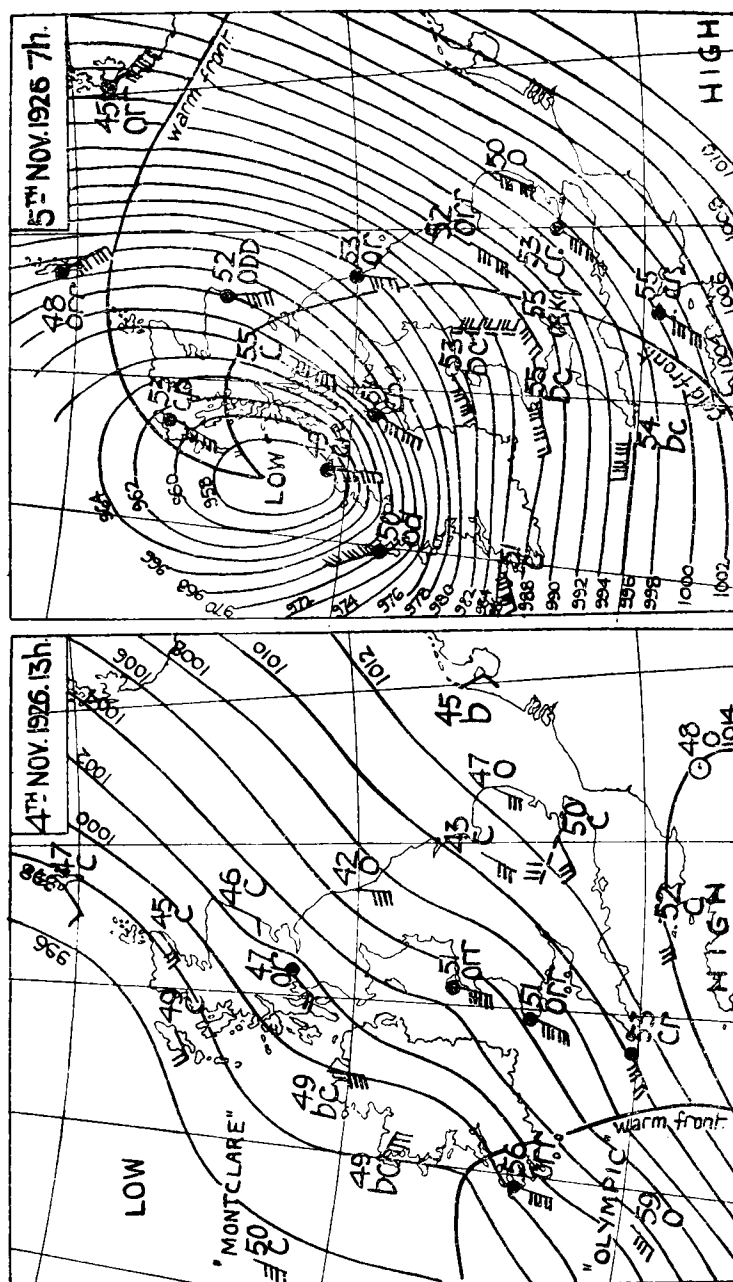
November 1st.

Dorsetshire—Forde Abbey 2.52 in. or 6.4 per cent.

The rain of *November 4th* fell generally over the entire country in the southern portion of a deep and intense depression, the centre of which skirted the north-western coast of Scotland. As the heaviest rain fell on high ground, it can be regarded largely as of orographic origin. Severe gales and strong winds were reported from many parts, but especially from Scotland and northern Ireland. On the west coast of Scotland an abnormally high tide, the highest since 1882, occurred. Many rivers overflowed their banks and caused considerable damage by flooding, roads were rendered impassable, in some cases railway services were delayed, while the telephone and telegraph services were dislocated.



Rainfall, 4th November, 1926.



Synoptic Charts, 4th November, 13 h. and 5th November, 1926, 7 h.

BAROMETER.—Isobars are drawn for intervals of 2 millibars, 1,000 millibars = 29.53 mercury-inches.

WIND.—Direction is shown by arrows flying with the wind. Force on the scale 0 to 12, is indicated by the number of feathers. A circle indicates calm.

TEMPERATURE is given in degrees Fahrenheit.

WEATHER is indicated by the following notation:—

b, blue sky; bc, sky partly cloudy; c, generally cloudy; d, drizzle; h, hail; o, overcast sky; p, passing showers; q, squally; kq, line-squall; r, rain; s, snow; rs, sleet. Capital letters indicate "intense"; suffix o indicates "light"; repetition of letters indicates continuity. ● = rain. Broken arrows show cloud movements.

A map showing the distribution of rainfall on the rainfall day commencing on the morning of November 4th is reproduced, together with two synoptic charts showing the distribution of pressure, wind and weather at 13 h. on November 4th and at 7 h. on November 5th. These show the "warm front" of the depression, or line of separation between a warm, moist current in the region to the west of the front, and a colder and drier current in the region east of the front. At first the rain which fell was of the "warm front" type, *i.e.*, it was caused by

the reduction below dew point of the temperature of the warm air as a result of its ascent over the cooler air. The lowering of temperature of the warm air is a direct consequence of the reduction of pressure due to its ascent. In these cases the rain falls through the cool current, but is derived mainly from moisture in the warm current. Later on, rain fell some distance away from the warm front and to the west of it. The map for 7 h. on the 5th shows the position of the "cold front." This separates the warm current on the eastern side of the front from the cold westerly or north-westerly current on its western side which usually sets in after the barometer has commenced to rise. Occasionally, as in this case, the cold front passes some time in advance of the time of lowest pressure. The cold front is the seat of a line-squall and it is normally characterised by heavy showers rather than by continuous rain.

November 4th.

<i>N. Lancashire.</i>	<i>in. or %</i>		<i>Glamorgan.</i>	<i>in. or %</i>	
Ulpha	2.68	4.5	Rhondda W.W. (Llyn		
Duddon Valley (Seathwaite			Fawr Res.)	2.72	3.4
School)	4.43	5.3	<i>Carmarthen.</i>		
Hawkshead (Tower Bank			Llyn-y-fan Fach (Nant		
Sawrey)	2.87	4.1	Coch)	2.88	3.7
Ambleside (Skelwith Fold)	3.75	—	Llyn-y-fan Fach (Troed-y-		
			Foel)	2.92	4.4
<i>Cumberland.</i>			<i>Merionethshire.</i>		
Buttermere (Hassness)	4.61	4.5	Blaenau Festiniog (Oakley		
Keswick (Lingholm)	3.72	5.2	Quarry)	2.65	2.6
Keswick (Derwent Island)	3.12	4.7	<i>Carnarvon.</i>		
Keswick (The Bank)	3.03	4.8	Llanllyfni (Bryn Aeran		
Keswick (High Hill)	3.32	5.5	School)	2.80	6.2
Portinscale (High Moss) ..	3.17	4.7	Llanberis (Llandinorwig		
Threlkeld (Blencathra			School)	2.70	4.7
Sanatorium)	2.60	3.9	Beddgelert (Council School)	3.75	4.1
			Snowdon (Cwm Dyli, No. 11)	4.90	4.1
<i>Westmorland.</i>			Snowdon (Llydaw Intake,		
Patterdale (Greenside Mine)	3.98	4.5	No. 10)	5.40	3.7
Windermere (Hammar			Snowdon (Lake Llydaw		
Bank)	2.68	3.9	Copper Mine, No. 9)	5.33	3
Windermere (Holebird) ..	3.18	4.3	<i>Kirkcudbright.</i>		
Windermere (Brockhole) ..	3.21	4.6	Dalbeattie (Drumstinchall)	2.67	5.3
Ambleside (Wansfell)	3.32	4.4	Lochratton (Dumfries		
Ambleside (White Craggs)	3.64	4.7	W.W.)	2.51	4.8
Ambleside (Market Square)	3.57	4.4	<i>Dumfries-shire.</i>		
Rydal (The Stepping			Moffat (St. Ninians)	2.51	4.8
Stones)	3.91	4.4	Canonbie (Irvine House) ..	2.51	4.4
Rydal	3.96	4.4	Langholm (Drove Road) ..	2.50	4.1
Rydal (High Close)	3.18	3.5	<i>Selkirkshire.</i>		
Rydal (The Hall)	4.02	4.6	Ettrick Manse	2.63	4.1
Dungeon Ghyll	3.28	2.9	<i>Kerry.</i>		
Grasmere (The Wray)	4.29	4.3	Kilgarvan (Inchamore)....	3.05	2.9

The heavy rainfall of *November 8th* in S. Devonshire is an example of "warm front" rain associated with the passage of a depression along the English Channel from west to east. The case is similar to

many others noticed in previous volumes, in which the heavy rain falls on the left-side of the track of the centre of the depression. Thunder, lightning and hail accompanied this disturbance in various districts.

November 8th.

<i>S. Devonshire.</i>	<i>in. or %</i>	<i>S. Devonshire.</i>	<i>in. or %</i>
Teignmouth (Bonnicliff) ..	2·80 8·7	Exmouth (Hilby House) ..	2·38 8·5
Teignmouth (Coombe Vale)	2·39 8·2	Exmouth (Waterworks	
Teignmouth (Landscape		Road)	2·43 9·3
Road)	2·36 7·7	Exmouth (Filters,	
Teignmouth (Hazledown		Salterton Road)	2·57 8·9
Res.)	2·67 7·9	Exmouth (Filter, Capel	
Teignmouth (Landscape		Lane)	2·35 8·6
Res.)	2·45 7·6	Starcross	2·47 8·6
Teignmouth (The		Lympstone (Manor House)	2·40 8·6
Shrubbery)	2·57 8·2	Topsham (Ebford).....	2·37 8·6
Ilsington	2·84 5·9	Topsham (Altamira)	2·20 8·6
Dawlish (The Lawn).....	3·00 10·2	Exeter (Devon and Exeter	
Dawlish (Luscombe Castle)	2·95 8·2	Inst.)	2·26 7·9
Bovey Tracey (Swallerton		Exeter (The Close)	2·61 8·8
Gate)	2·50 4·8	Exeter (The Close)	2·60 8·5
Chudleigh	2·52 7·7	Rockbare Manor	2·40 8·0
Exmouth (Douglas Avenue)	2·30 8·6	Budleigh Salterton	
Exmouth (Nidderdale) ..	2·14 8·0	(Lindenwd)	2·29 7·5
Exmouth (Highfield House)	2·41 8·8		

The heavy rain on Snowdon on *November 12th* fell in a strong S.W. wind associated with a deep depression to the north-west of the British Isles, and was apparently largely orographical in character.

November 12th.

Carnarvon—Snowdon (Llydaw Intake, No. 10) 2·70 in. or 1·8 per cent.

The heavy falls in Scotland and Ireland on *November 18th* can be related with a complex depression which was found over the British Isles on that day. It developed two centres, one over Scotland and the other over Ireland. The rain was continuous in most districts.

November 18th.

<i>Ayrshire.</i>	<i>in. or %</i>	<i>Galway.</i>	<i>in. or %</i>
Skelmorlie (West Park) ..	2·61 4·1	Ballynahinch Castle	3·29 5·0
<i>Buteshire.</i>			
Dougarie Lodge	2·79 5·3	<i>Mayo.</i>	
<i>Argyll.</i>		Mallarany	3·72 5·2
Islay (Eallabus)	2·74 4·3	Leenane (Aasleagh Rectory)	3·69 ..
Islay (Dunlossit)	2·68 4·1	Aasleagh House	4·12 4·3
Islay (Cluanach)	2·50 4·3	Delphi Lodge	5·06 4·9

The remainder of November was extremely unsettled, with considerable falls of rain, but they were not sufficiently marked to be noticed in this article.

DECEMBER provided no example of a heavy fall on a rainfall day. This unusual result is in conformity with the abnormal dryness of that month.

A list is given below of all falls on record of 6·5 inches or more for the rainfall day. 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 are much wetter with an annual rainfall over 100 inches. Rather more than half the falls in the list occurred with thunderstorms rains at relatively dry stations

List of Heavy Falls on Rain-Days of 6·5 inches or more.

County.	Station.	Fall. in.	Date.
Somerset	Bruton (Sexey's School)	9·56	June 28th, 1917.
Somerset	Cannington (Brymore House)	9·40	Aug. 18th, 1924.
Somerset	Bruton (King's School)	8·48	June 28th, 1917.
Somerset	Aisholt (Timbercombe)	8·39	June 28th, 1917.
Inverness	Loch Quoich (Kinlochquoich)	8·20	Oct. 11th, 1916.
Cumberland	Borrowdale (Seathwaite)	8·03	Nov. 12th, 1897.
Somerset	Bruton (Pitcombe Vicarage)	7·90	June 28th, 1917.
Inverness	Ben Nevis Observatory	7·74	Feb. 6th, 1894.
Norfolk	Brundall (Blofeld Road)	7·31	Aug. 26th, 1912.
Inverness	Ben Nevis Observatory	7·29	Oct. 2nd, 1890.
Norfolk	Sprowston Council School	7·20	Aug. 26th, 1912.
Inverness	Dalcross	7·06	Sept. 25th, 1915.
Somerset	Cothelstone House	7·05	June 28th, 1917.
Cumberland	Borrowdale (Seathwaite)	7·00	Oct. 29th, 1911.
Somerset	Castle Cary (Alford House)	6·95	June 28th, 1917.
Cumberland	Rosthwaite	6·94	Nov. 12th, 1897.
Norfolk	Old Catton	6·90	Aug. 26th, 1912.
Norfolk	Sprowston (Oak Lodge)	6·90	Aug. 26th, 1912.
Westmorland	Dungeon Ghyll	6·81	Feb. 9th, 1920.
Cumberland	Borrowdale (Seathwaite)	6·79	Sept. 30th, 1890.
Cumberland	Borrowdale (Seathwaite)	6·78	May 8th, 1884.
Somerset	Butleigh Gardens	6·75	June 28th, 1917.
Northumberland	Morpeth (Angerton Hall)	6·70	Sept. 7th, 1898.
Cumberland	Borrowdale (Seathwaite)	6·70	Nov. 13th, 1869.
Norfolk	Norwich (Carrow House)	6·67	Aug. 26th, 1912.
Norfolk	Norwich (Heigham Cemetery)	6·59	Aug. 26th, 1912.
Wiltshire	Stourhead Gardens	6·50	June 28th, 1917.
Wiltshire	Stourhead School	6·50	June 28th, 1917.

and the remainder with more persistent rains at wetter stations. Of the 28 entries 9 are for the Bruton storm of June 28th, 1917, and 6 for the storm which caused the Norwich floods of August 26th, 1912. There are 5 entries for Borrowdale (Seathwaite) and 2 for Ben Nevis Observatory. It is reasonable to suppose that if the distribution of stations with daily records was more uniform, the entries for the orographical rains of the wetter districts would have more closely rivalled in amount, and probably exceeded in numbers, those of the thunderstorm rains of the drier districts. In any case heavy falls are often so local that the entries must not be taken as the largest amounts which have fallen anywhere in these islands, but they are given as the largest on record.

8. MONTHLY RAINFALL IN 1926.

Information as to the rainfall of the months of 1926 is set out in this section in various forms :—

(1) Table XIX gives generalized values of the monthly and annual rainfall over the British Isles as a whole and also over the constituent countries separately.

(2) On p. 77 details are given of some of the highest monthly totals of rainfall reported during 1926.

(3) In Table XX the monthly and annual totals of rainfall are set out for nearly 400 stations, distributed evenly over the British Isles.

(4) Table XXI gives the monthly and annual falls expressed as percentages of the averages for 1881 to 1915. It is confined to about 150 stations, uniformly distributed over the British Isles, for which averages are available. At the end of this table, general monthly and annual percentage values are given for the British Isles and for each of the constituent countries.

(5) A set of twelve maps showing the distribution of the actual rainfall in each month, is reproduced in this article. A thirteenth map on a larger scale depicting the distribution of rainfall for the whole year is reproduced as the frontispiece to this volume. These maps were originally drawn on the much larger scale of 19 miles to the inch, and values from about 2000 separate stations were plotted on each map before the isohyetal lines were drawn. Details which would tend to confuse the maps on the small scale of the reproductions have been eliminated.

(6) A second set of twelve maps showing cartographically the distribution of the percentage monthly values given in Table XXI and in the rainfall table published month by month in the *Meteorological Magazine* is also reproduced in this article. The corresponding percentage map for the whole year appears later in Section 10.

General Monthly Rainfall.

The general monthly values given in Table XIX have been computed by applying the percentage values given at the end of Table XXI to the average general values for the period 1881 to 1915. These computed values have been subsequently slightly adjusted in order that the totals for the year should agree with the totals given in Table XXIV which are based on a more exact determination as explained in the text accompanying that table.

Table XIX.—*General Rainfall for 1926, computed from the average, 1881–1915, by applying the general Percentage values given in Tables XXI and XXIV 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	4.0	7.0	4.5	5.4	6.8	7.4	5.8
February	3.0	4.4	3.2	5.3	5.3	3.8	3.9
March .. ..	.9	1.3	.9	1.4	4.2	1.8	1.9
April	2.7	2.4	2.7	1.6	3.2	2.5	2.8
May	2.7	3.2	2.7	3.1	3.1	3.3	3.0
June	3.1	2.6	3.1	2.3	3.4	3.3	3.2
July	2.7	5.2	3.0	3.1	3.5	3.5	3.3
August	2.4	5.0	2.8	3.9	3.9	3.7	3.3
September	1.9	2.7	2.0	2.8	5.4	2.6	3.0
October	3.2	4.5	3.5	4.0	7.1	4.0	4.5
November	5.7	9.5	6.5	5.6	6.6	5.9	6.4
December	1.0	1.3	1.0	1.2	3.3	1.5	1.7
Year	33.3	49.1	35.9	39.7	55.8	43.3	42.8

The general monthly rainfall over the British Isles as a whole varied from 1.7 inch in December to 6.4 inches in November. The total rainfall for the two consecutive months, November and December, 1926, of 8.1 inches was only 0.8 inch short of the average. January and October, with 5.8 inches and 4.5 inches respectively, were the next wettest months. March and December were the only months with a general rainfall less than 2 inches. The general rainfall for each of the summer months April to September was about 3 inches, this uniformity being an unusual feature.

The least values in Table XIX are those for March of 0.9 inch, and for December of 1.0 inch, for England and England and Wales. While November was the wettest month over England, Wales and Isle of Man, October was the wettest month in Scotland and January in Ireland. The general value for Wales in November has been computed at 9.5 inches, and that for January in Ireland at 7.4 inches.

Turning to the corresponding general monthly percentage values at the end of Table XXI, the most striking features are the wet January and November, and the dry March and December. From 1920 onwards, general values for each country have been published in the annual volumes of *British Rainfall*, using the average 1881 to 1915; while in *British Rainfall*, 1924, pp. 258-262, values are set out for each year from 1881. These tables have since been extended to 1870, and it is possible to compare the fall in the months of 1926 with those of the 57 previous months of the same name. Taking the British Isles as a whole, January, 1926, with 155 per cent. was the wettest month of that name since 1877 (being slightly wetter than those of 1884, 1906 and 1913); November, 1926, with 155 per cent. was the wettest since 1870 (being as wet as that of 1877 and slightly wetter than that of 1888); while December, 1926, with 36 per cent. was the driest since before 1870, the next two driest Decembers being those of 1873 and 1890 with 43 and 41 per cent. respectively. The fall of March, 1926, of 59 per cent. does not stand out as remarkable, since less rain fell in March of the two previous years. Owing to the run of wet months in the summers of recent years, August and September with 85 and 96 per cent., were the driest months for six and five years respectively.

The rainfall of January, 1926, was most remarkable in Ireland, where the fall of 181 per cent. exceeded that of all other Januaries since that of 1877 (with 198 per cent.) by a considerable margin. March, 1926, was drier than that of the previous two years only in England and Wales, where a smaller fall was recorded only once in the series from 1870 to date, *viz.*, in 1893, when the general fall was 23 per cent. Scotland, unlike the other countries, experienced excesses in both September and October, although the effect was counter-balanced by a less wet November than elsewhere. The rainfall of November, 1926, was most remarkable in England and Wales, where the general fall of 182 per cent. was considerably in excess of that of any other November in the series. December was remarkable in all three countries. In England and Wales the fall of 26 per cent. was the smallest in the series (being equal to that of 1873 and slightly less than that of 1905), in Scotland the fall of 57 per cent. was the smallest with the one exception of that of 1890 with 37 per cent., while in Ireland the fall of 30 per cent. was the smallest with the one exception of that of 1873 with 28 per cent.

Extremes of Monthly Rainfall at Individual Stations.

(a) *Monthly Totals.*—No monthly total exceeding 30 inches was reported, but the number of totals exceeding 20 inches was rather larger than usual. More than this amount fell at The Sty, in Cumberland, and in Snowdonia, in each of the three months, January, February and November. In Scotland more than 20 inches was recorded in January

and in March at stations in Inverness-shire, while this amount was recorded in the mountains of Kerry in January. Among the highest totals are the following :—

England.—

January, 30·00 in., at The Styne B (new).
February, 29·20 in., at The Styne B. (new).

Wales.—

January, 20·40 in. at Snowdon (Crib Goch).
February, 24·55 in., at Snowdon (Crib Goch).

Scotland.—

January, 20·06 in., at Spean Bridge (Squerr Finisgaig).
March, 20·50 in., at Loch Quoich (Loan).

Ireland.—

January, 25·09 in., at Kilgarvan (Inchamore).

On the other hand, the smallest monthly totals occurred in March, when considerable areas in the neighbourhood of the Thames Estuary received only about one-tenth of an inch. Some of the stations with small falls are set out below.

<i>Essex and Suffolk.</i>				March, 1926.
				<i>In.</i>
Felsted School	..	..	..	·03
Leigh (Brick House)	..	..	..	·04
Colchester (Maypole Farm)	..	..	..	·04
Felixstowe	..	..	..	·07
Pleshey Vicarage	..	..	..	·07
Southminster	..	..	..	·09

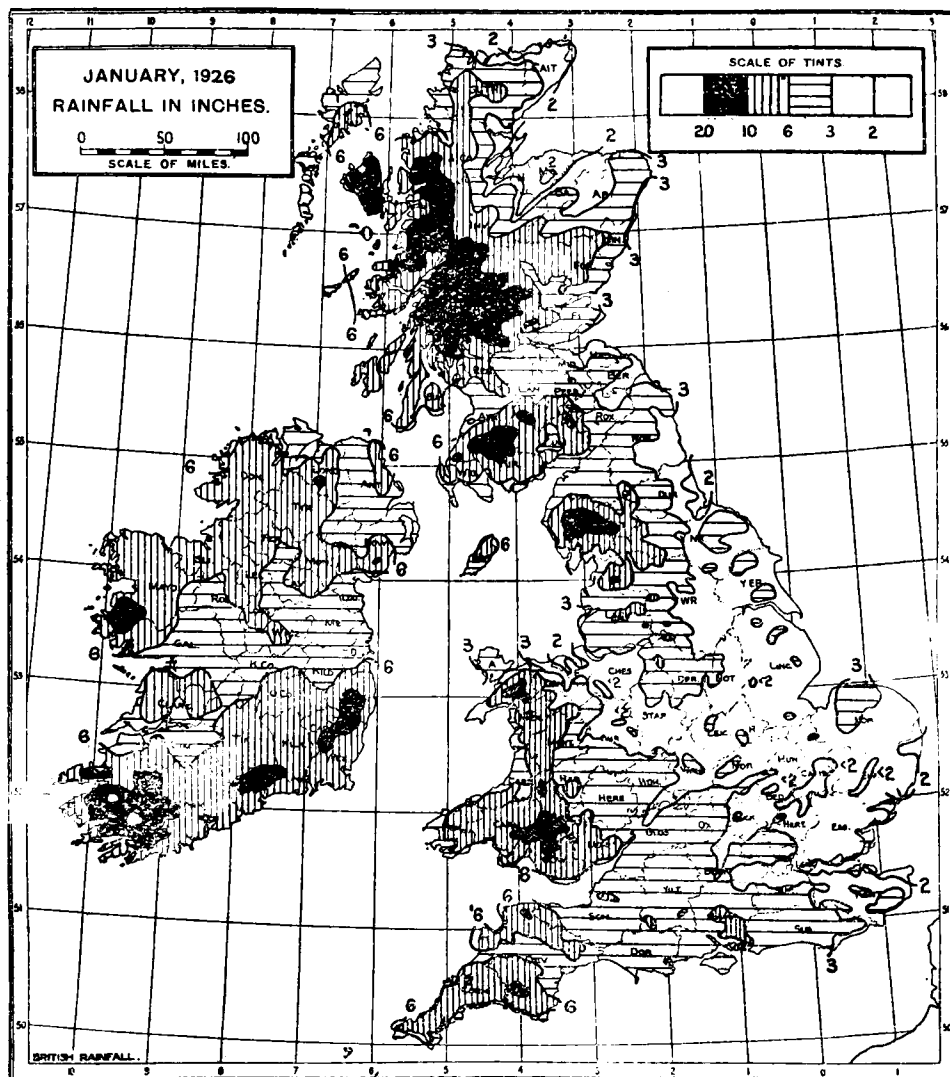
(b) *Monthly Extremes as compared with the Averages.*—Monthly totals of more than three times the average were measured in April and November. In both cases the areas were small. In April 355 per cent. of the average of 1·28 inch was recorded at Chelmsford. In November, 325 per cent. of the average of 3·10 inches was recorded at Weymouth.

At the other extreme, values of less than 10 per cent. were found in March and in December. In March, 6 and 9 per cent. was recorded at Felixstowe and Royston in Hertfordshire, respectively. These stations occurred in the area with less than a tenth-of-an-inch of rain in that month. In December, less than 10 per cent. occurred near Portsmouth, in South Devon, South Wales, and near Cork, the smallest percentage values being five at Dunmanway Rectory in Co. Cork, and eight at Compton, in Sussex. In these areas the actual rainfall was about a third-of-an-inch.

The Rainfall and Weather of the Individual Months.

** Maps showing the distribution of mean pressure and the movements of the centres of depressions for each month are published in the *Monthly Weather Report*.

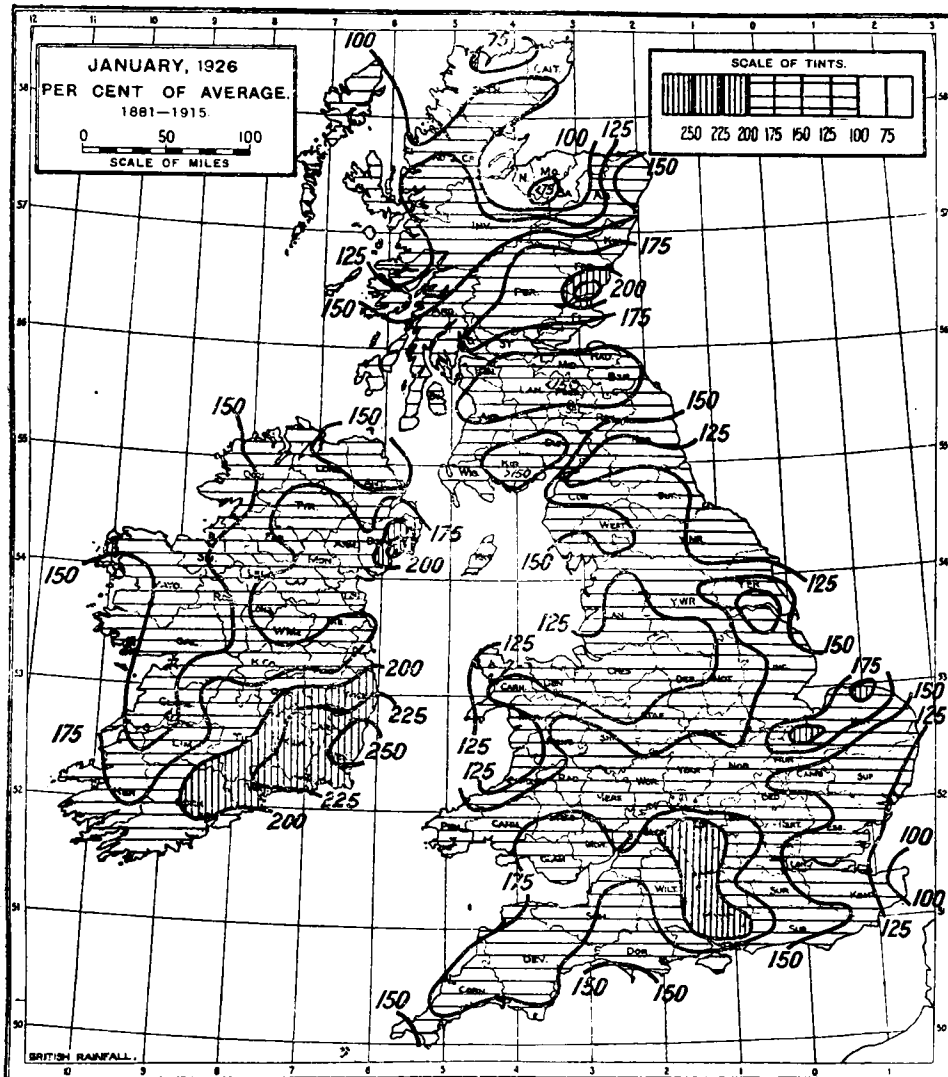
January was mild, with an unusual prevalence of southerly and south-easterly winds. Most stations in the British Isles reported a wet



Rainfall, January, 1926.

spell which commenced in December, 1925, and continued until about January 7th, 1926. Considerable flooding occurred in the Thames Valley during the beginning of the month. With the exception of areas in the extreme north of Scotland and east of Kent, precipitation was everywhere above the average. More than twice the average occurred over large areas in Hampshire, Berkshire, Cambridge and Norfolk, near the Firth of Tay, in Co. Down and the south-east of Ireland. The range was unusually large. The percentage values

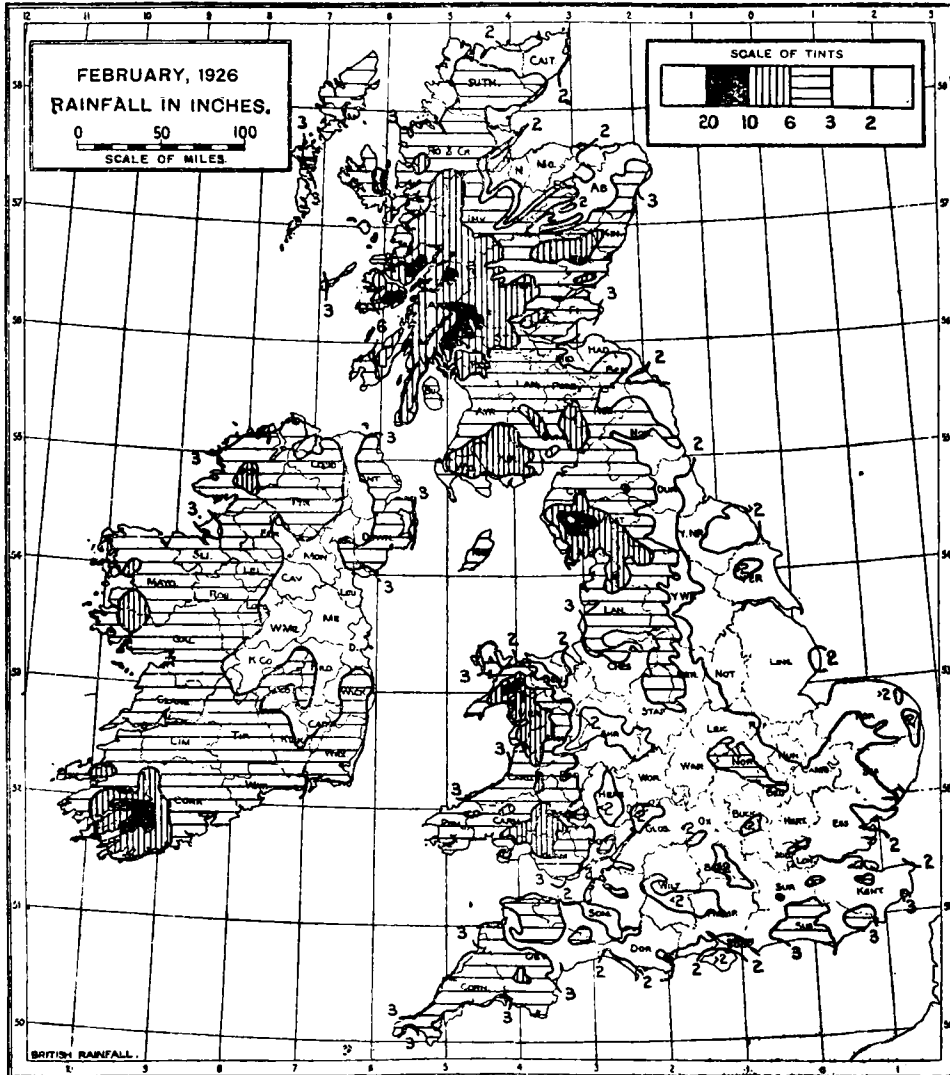
at Melvich and Tongue in Sutherlandshire and at Grantown-on-Spey were 54, 68 and 68 respectively. On the other hand the values at Gorey, in Co. Wexford, Dundee and Seaforde in Co. Down were 264, 245 and 242 per cent. respectively, the actual rainfall being 8·24 inches, 4·78 inches and 7·63 inches. The total at Gorey was the largest recorded at that station in January since the record began in 1864, while that at Dundee was exceeded only by the fall of January, 1867, of 4·90 inches.



Rainfall, January, 1926, as per cent. of average.

The main feature of the map showing the rainfall of the month in inches is the large area with more than 10 inches, particularly in the western Highlands of Scotland and in the mountainous regions of Kerry, Waterford and Wicklow. More than 20 inches was recorded in the English Lake District, in Snowdonia, and in Co. Kerry.

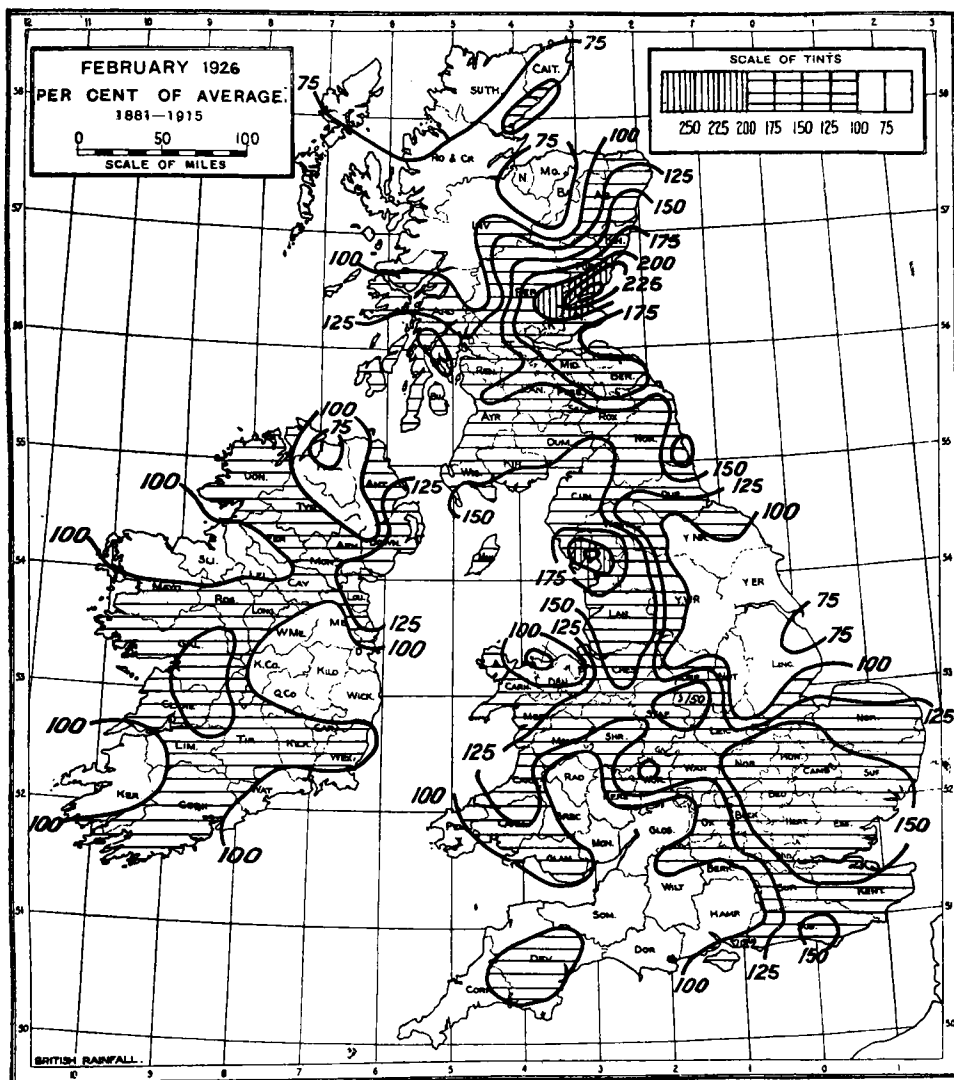
February was very mild, wet and dull. There were a few very sunny days, but in most districts the mean daily sunshine was below the average. The mean pressure was everywhere below the average. The prevailing winds were southerly to south-westerly, but during the first half of the month there was a considerable frequency of easterly winds.



Rainfall, February, 1926.

The rainfall was below the average over considerable areas, although the deficiencies were usually small. Less than 75 per cent. of the average was confined to a coastal strip of Lincolnshire, small areas near Llandudno and Limavady in Co. Londonderry, and the extreme north of Scotland, as well as the neighbourhood of Strath Spey. The excesses were more widespread and locally very marked, twice the average occurring in the English Lake District and the south-east of Scotland. At Grantown-on-Spey the total for the month was only 41

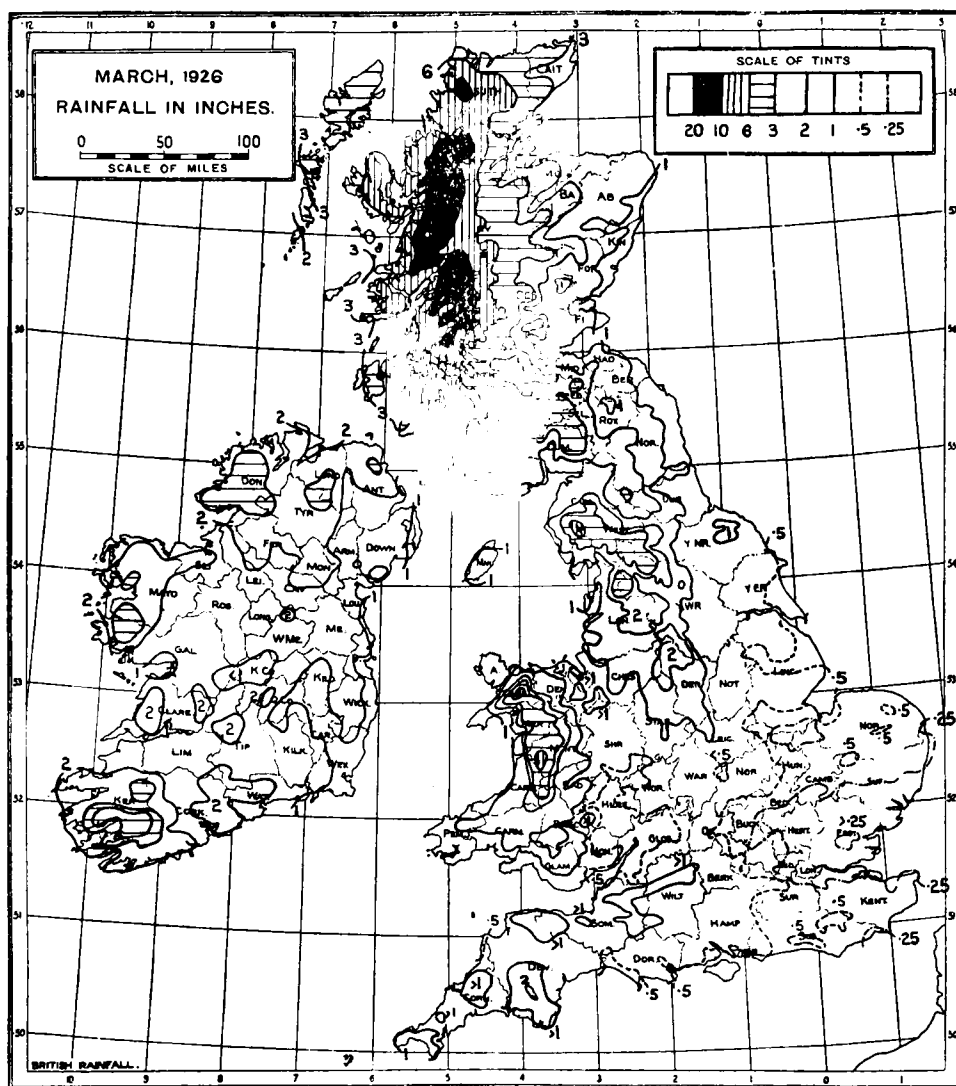
per cent. of the average, while at Dundee, 60 miles to the south-east the fall was 263 per cent. The gradient between these two stations was also well marked on the January map. At Granttown the largest daily fall in February was $\cdot 20$ inch out of a total of $\cdot 87$ inch, while at Dundee more than this amount fell on as many as eight days, the largest falls being $\cdot 89$ inch, $\cdot 74$ inch, $\cdot 63$ inch and $\cdot 51$ inch on the 2nd, 5th, 6th and 7th, associated with east and south-east winds along the east coast. The month was the wettest February at Dundee since



Rainfall, February, 1926, as per cent. of average.

1872. A well marked *wet spell* commenced about February 13th at many stations in Scotland. More than 20 inches for the month was recorded in the English Lake District and in Snowdonia as shown on the map of the rainfall in inches. Another feature of interest on this map is the ridge of high rainfall along the east coast of Scotland, from Ellon to Kinross, with considerably more rain than the upper portions of the valleys of the Rivers Spey and Dee.

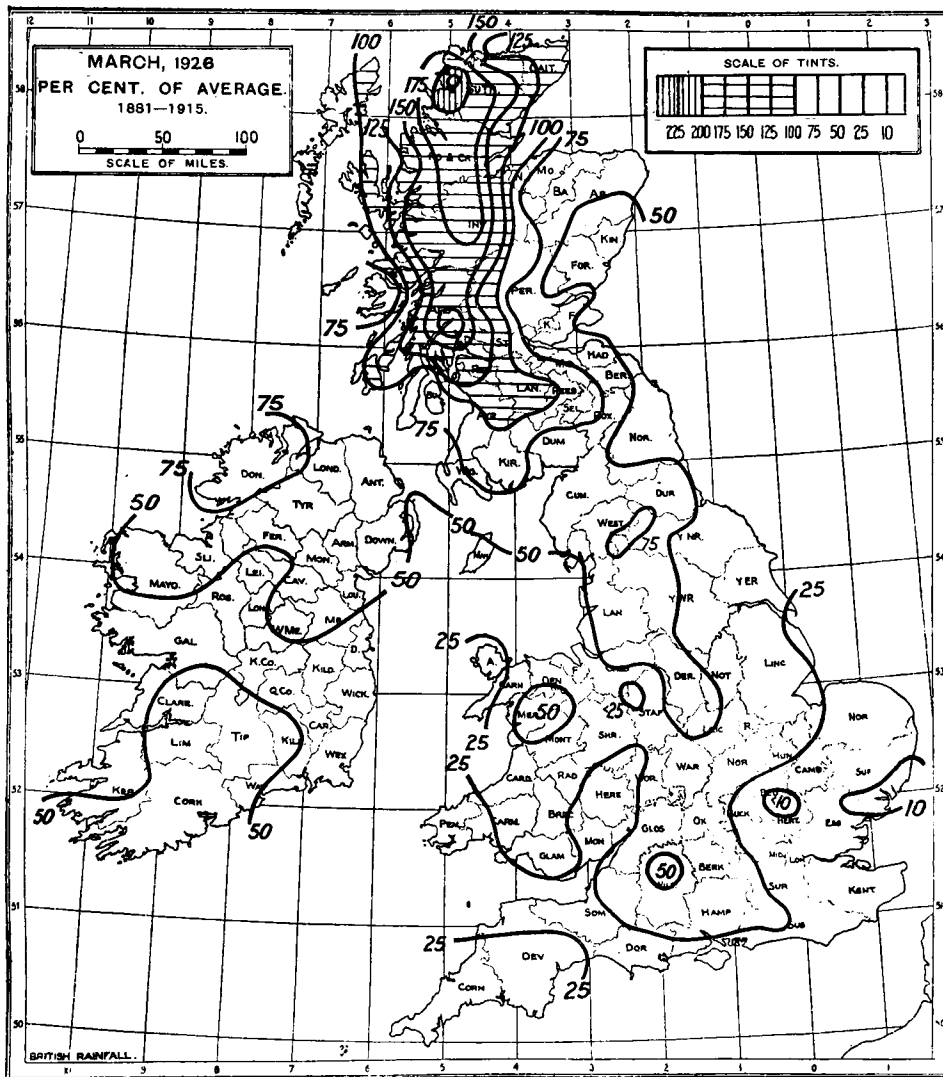
March was fair, mild and dry generally. The mean pressure for the month was above the average everywhere, although the trend of the isobars was in the usual direction for the month, *viz.*, from west to east. The mean daily duration of sunshine was above the average in the east and south-east of England, but less than the average elsewhere. An *absolute drought* lasted for nearly three weeks at many stations in the south of England and of Wales.



Rainfall, March, 1926.

The main feature of the percentage rainfall map for the month was the steep gradient from the south and south-east of England to central and northern Scotland. Less than 25 per cent. occurred over considerable coastal regions in the southern half of England and Wales, with less than 10 per cent. near the mouth of the River Orwell and in Hertfordshire. The total for the month recorded at Therfield Rectory in Hertfordshire of .17 inch was the smallest recorded in March in

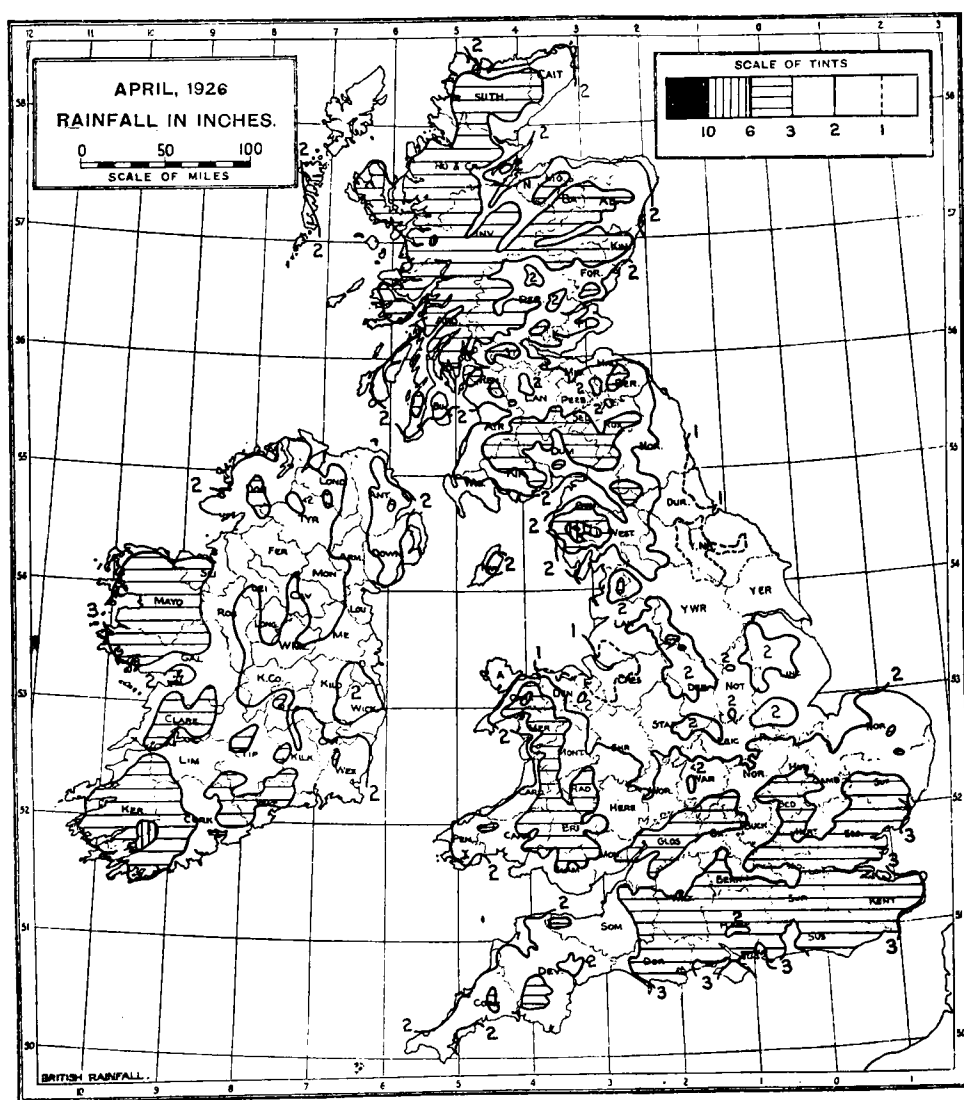
the 50 years' record. In England and Wales the largest percentage values of about 80 per cent were recorded in the Pennines. In Scotland there was less than 50 per cent. along the south-east coast, and more than 200 per cent. in the mountains of Sutherlandshire, the actual range being from 31 per cent. at Montrose to 229 at Achfary, near Loch More. More than 60 per cent. of the large total at the latter station of 14·75 inches was accounted for by the heavy rain of the 1st, 7th, 8th,



Rainfall, March, 1926, as per cent. of average.

10th and 11th, when on each day more than one inch was recorded, and on the 1st and 7th as much as 2·32 inches and 2·74 inches respectively. The total was the largest recorded at that station in March since the record began there in 1909. In Ireland less than 50 per cent. occurred in Central districts, and more than 75 per cent. in the extreme north-west.

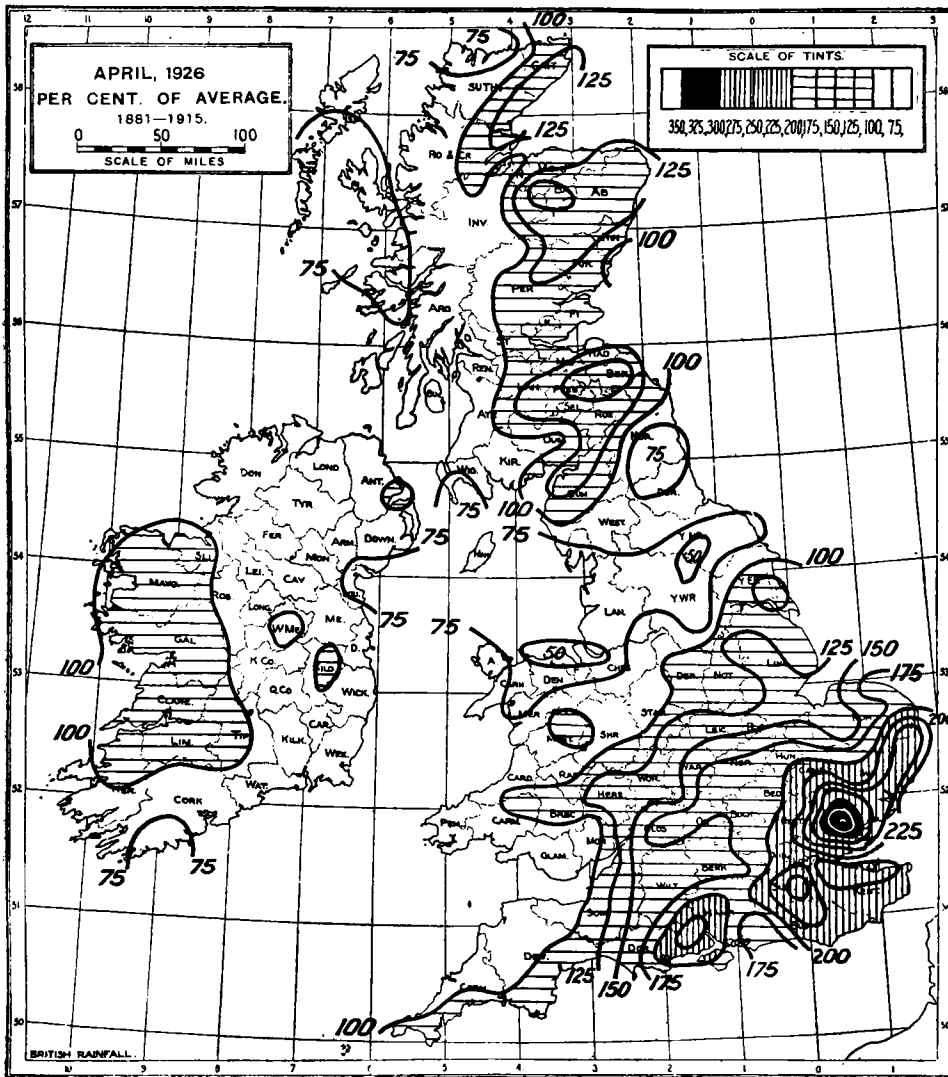
April was generally mild and dull, and very wet in the south-east of England. There were, however, two short spells of fine, warm weather, one at the beginning of the month, and one round about the 12th. The mean pressure was everywhere below the average, the tracks of most of the depressions affecting our weather passing across the south of the British Isles and over the North Sea.



Rainfall, April, 1926.

Less than half the average occurred only in two small areas in the neighbourhood of the Cheshire Plain and the Vale of York. In Ireland about one-third of the country received a fall in excess of the average, such falls being confined mainly to the western half. In Scotland more than the average was recorded over the eastern half, and in England and Wales over the south-eastern half. More than 150 per

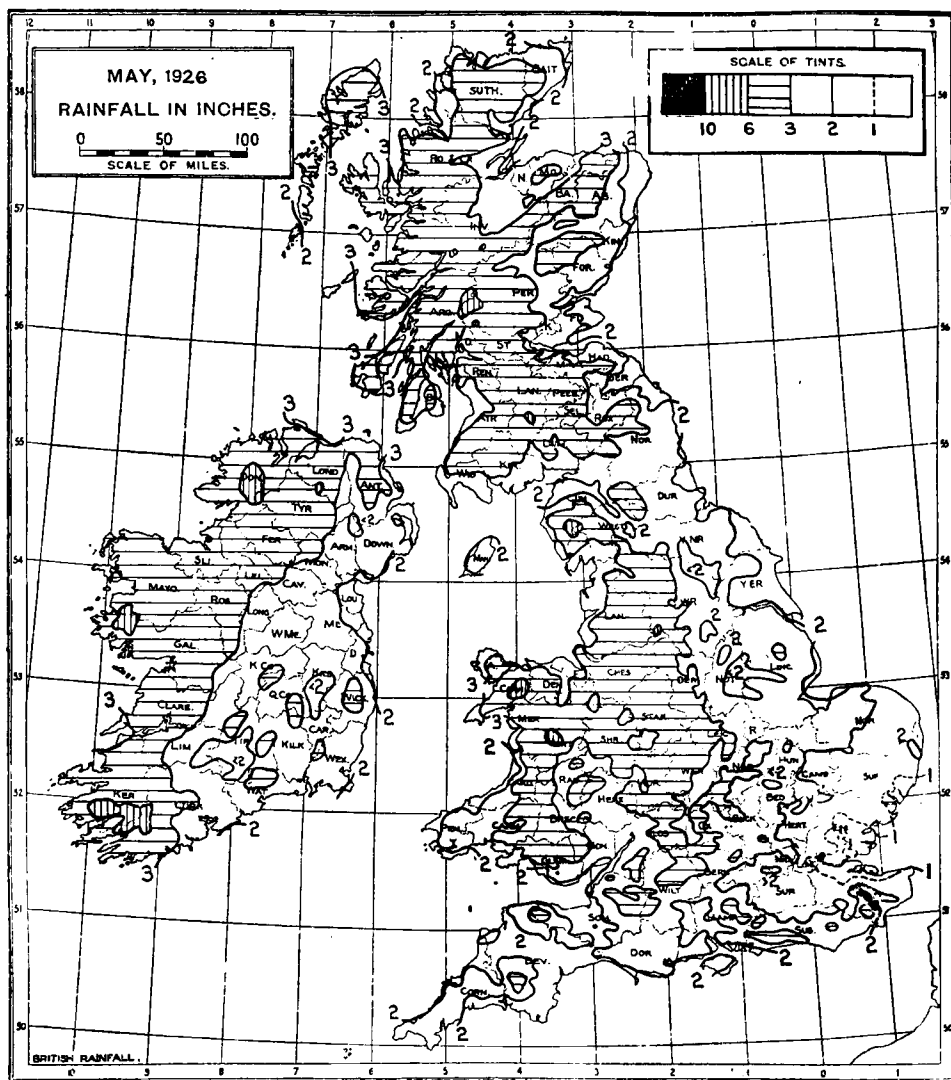
cent. occurred only in small areas in Scotland, in Morayshire and Berwickshire, but in England the area to the south-east of a line from the Wash to Weymouth was so affected. Falls of more than twice the average were widespread in the south-east of England, as much as 355 per cent. of the average being recorded at Chelmsford. At this station, the total of 4·55 inches was made up by a number of moderately



Rainfall, April, 1926, as per cent. of average.

heavy falls, *e.g.*, of between ·4 and ·6 inch on the 4th, 6th, 20th, 25th and 27th. The total was the largest recorded in April since the record began at that station in 1868. On the other hand, on the 14th there was heavy rain in the mountains to the west of England and Wales, over 5 inches being recorded in Snowdonia. and over 3 inches in the English Lake District.

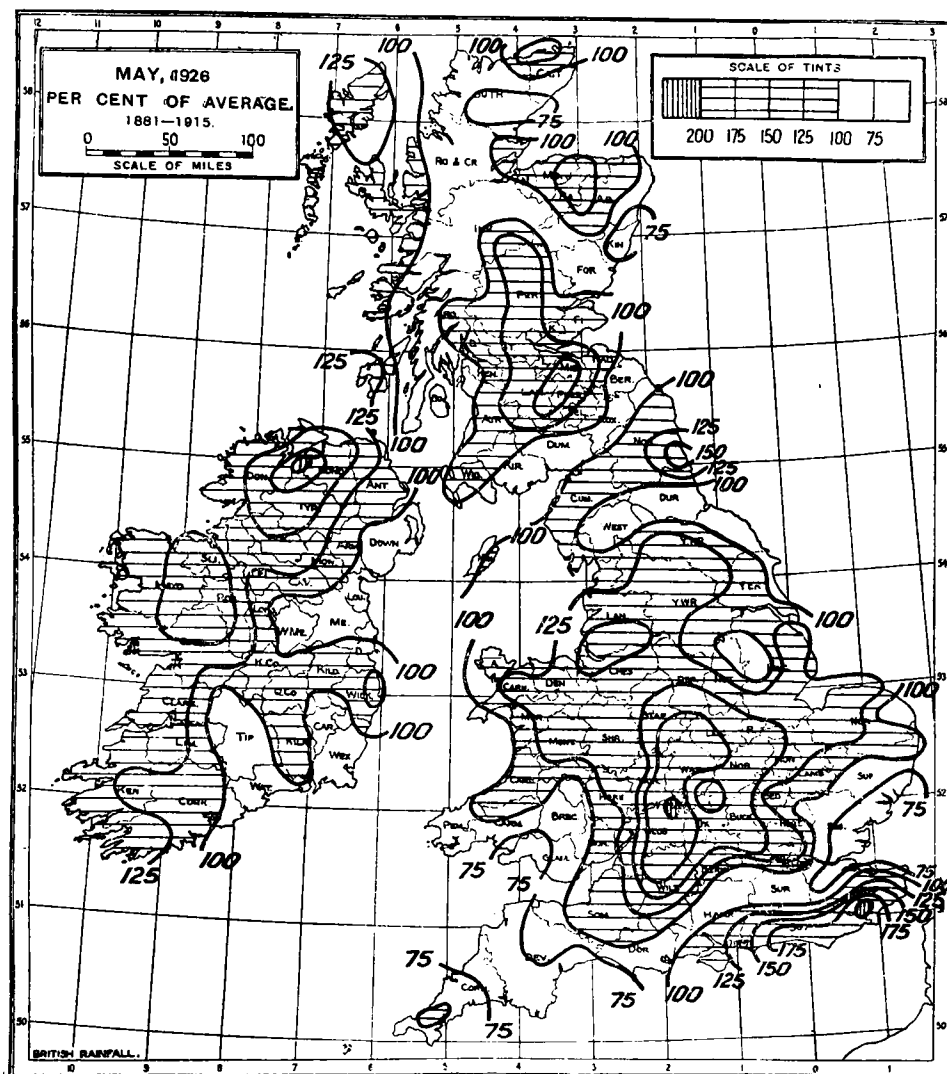
May was, for the most part, cool and changeable, with considerable bright and showery periods, and a brief spell of warm weather towards the end of the month. Thunderstorms and hail showers were of frequent occurrence, and some snow fell in parts of Scotland and the southern Midlands on the 14th. Although the rainfall was above the average in most districts, the monthly totals varied considerably.



Rainfall, May, 1926.

Less than 75 per cent. of the average occurred in parts of the Devon-Cornwall peninsula and South Wales, along the Thames Estuary, and in Kincardineshire and Sutherlandshire. There was more than 150 per cent. in the north-west of Ireland, over the southern Uplands of Scotland, the Cheshire Plain, the southern Midlands, and along the south-east coast of England. More than twice the average was exceeded in three small areas, near Londonderry, in the north of Gloucestershire and south of Kent.

Although in general the distribution shown on the map of actual rainfall is similar to that of the average map for May, it is more irregular than is usually the case. Falls of more than 10 inches were confined to the English Lake District and Snowdonia. The largest falls in Scotland occurred on Ben More in Mull, near Loch Lomond, on Ben Nevis and Ben Alder, where there was rather more than 6 inches.



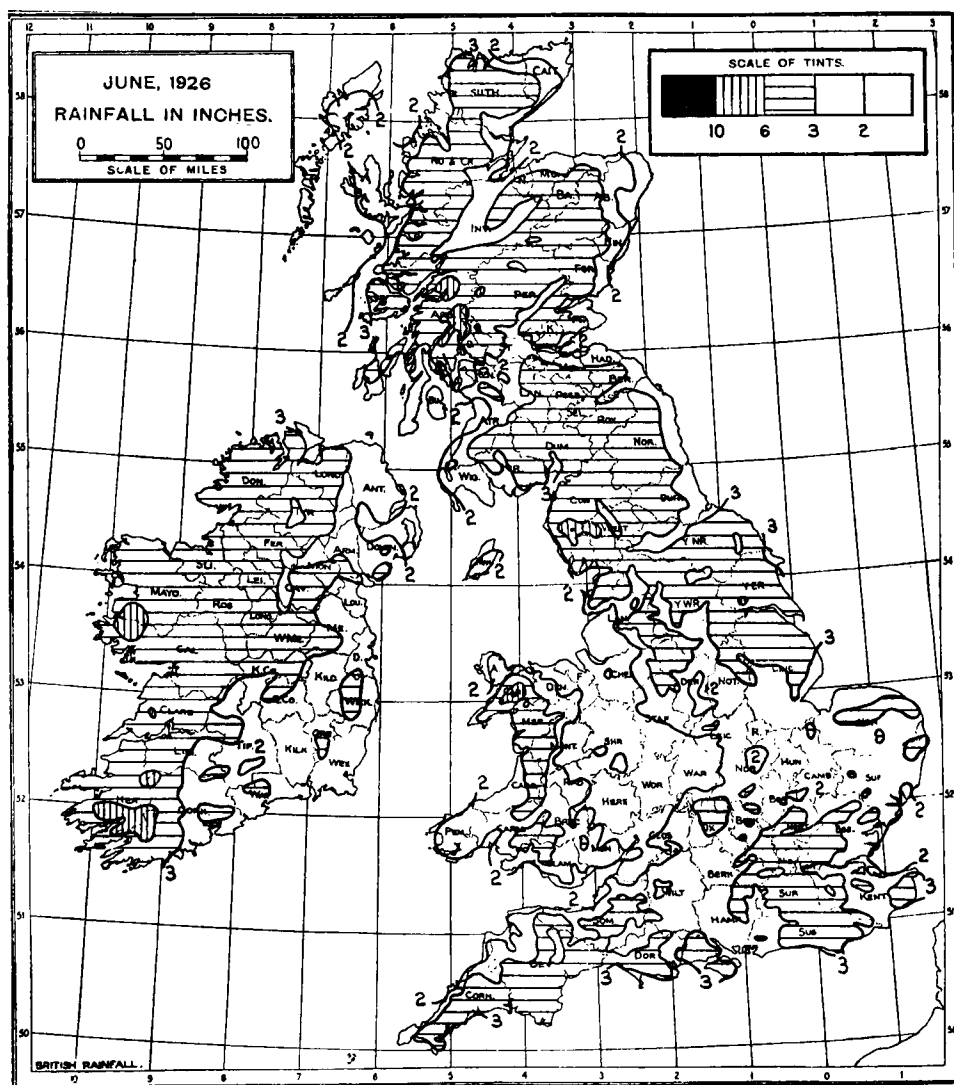
Rainfall, May, 1926, as per cent. of average.

In Ireland more than 6 inches was recorded in the mountains of Kerry, Connemara and Londonderry.

Although the general fall over the British Isles was 115 per cent., May was considerably drier than the similar months of the two earlier years. In Scotland, the month was the driest May since that of 1919.

June was generally unsettled. Mainly dull, wet weather prevailed for the first three weeks, with fine, warm weather at the end.

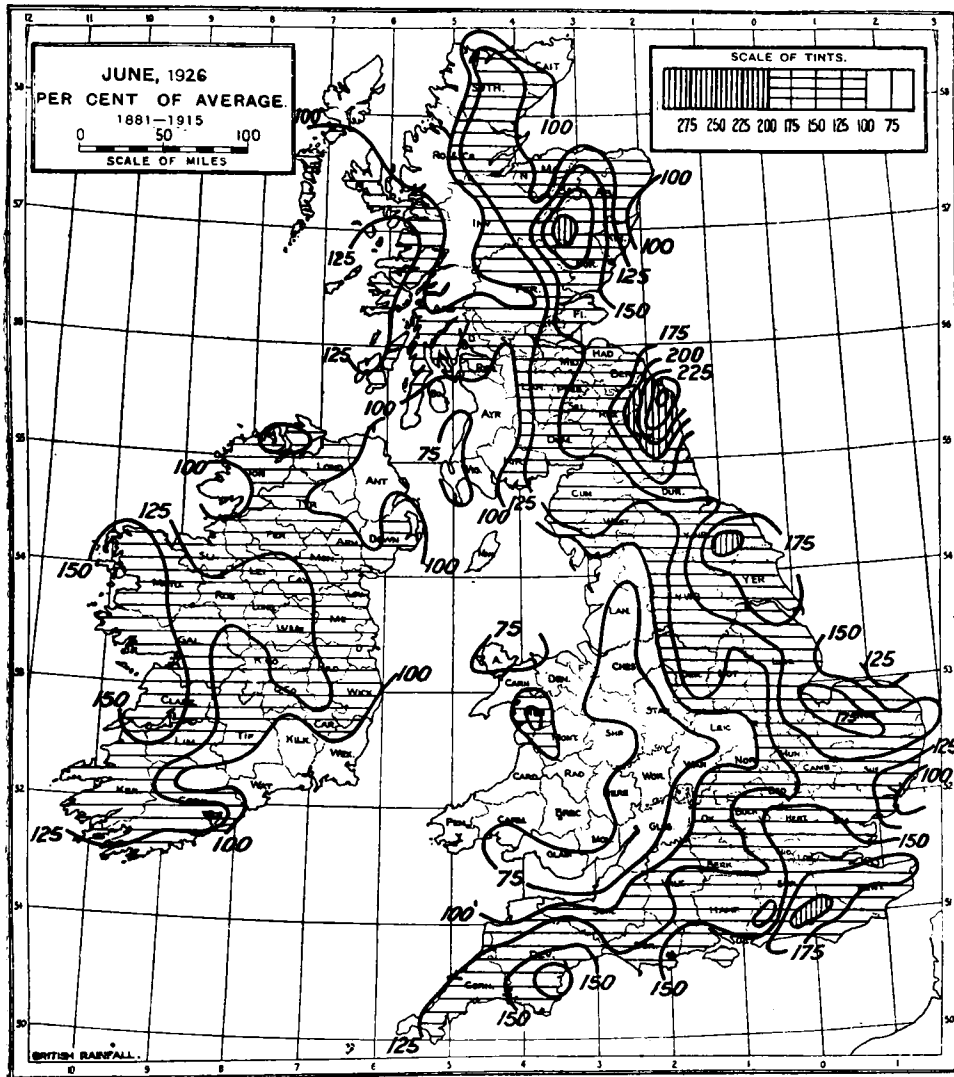
The rainfall was less than 75 per cent. of the average over a strip stretching from South Wales to the Cheshire Plain, as well as over small areas including Anglesey and Galloway. More than 150 per cent. occurred in the West of Ireland, from Blacksod Point to Foynes



Rainfall, June, 1926.

and over the greater part of the east of Great Britain, from Logie Coldstone in Aberdeenshire to Geldeston in Norfolk, as well as over large areas in the south-east of England and in South Devon. In the east of Great Britain, twice the average was recorded at a number of stations, 204 per cent. at Balmoral, 277 per cent. at Lilburn Tower, in Northumberland, 211 per cent. at Felixkirk in the Plain of York,

and 219 per cent. to the north of Brighton. Of these stations more than 1 inch was recorded on one day only at Ilderton and Felixkirk. At Lilburn Tower, 1·20 inch fell on the 14th and on the 30th as much as 1·15 inch fell in 45 minutes during a thunderstorm, while at Felixkirk the fall of 1·16 inch on this day occurred in seven hours.

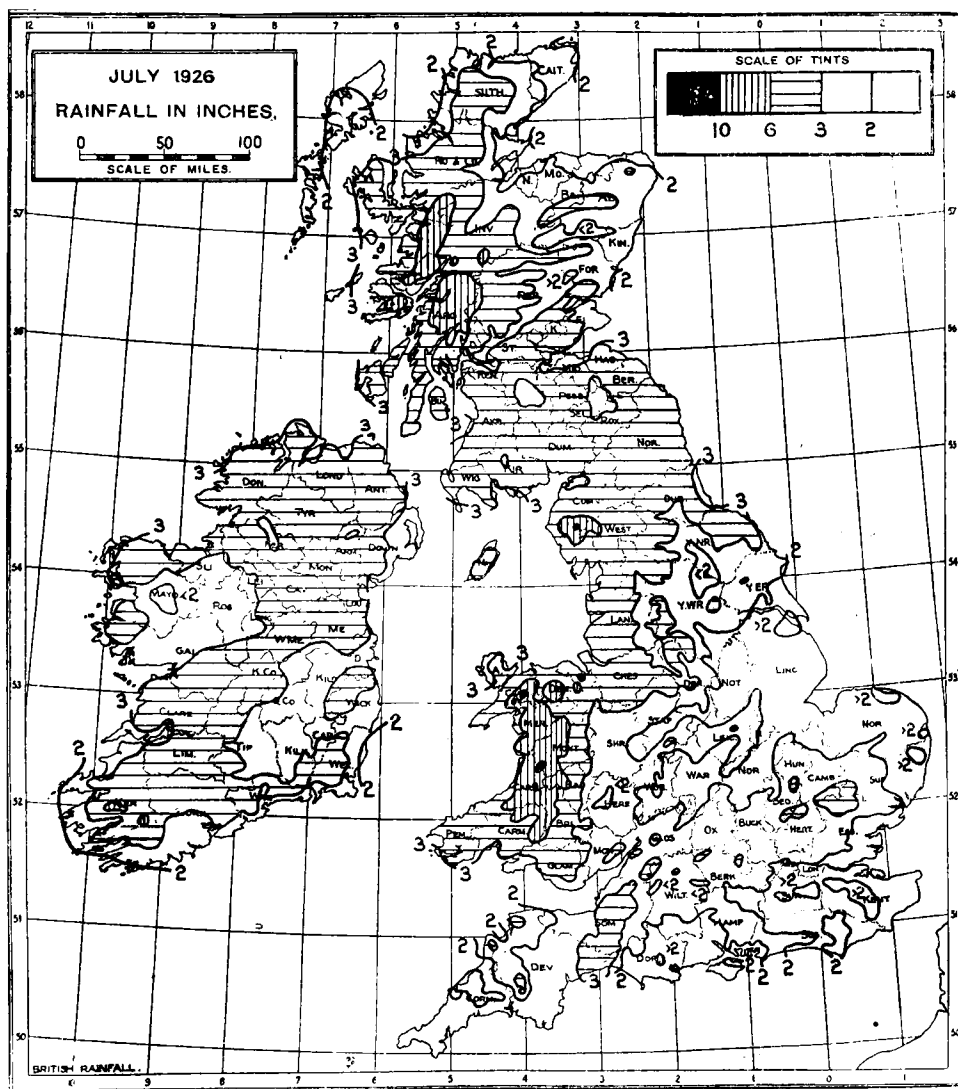


Rainfall, June, 1926, as per cent. of average.

The map showing the fall in inches presents the unusual feature of more than 4 inches in parts of the south-east of England, occasioned, largely by the heavy falls of the 1st, 2nd and 17th. The areas in Snowdonia and the English Lake District with more than 10 inches are also unusual for June. In this case, the fall of the 10th was heaviest, nearly 3 inches being recorded in Snowdonia.

July was mainly fair and warm with occasional thunderstorms during the first part of the month, and unsettled, but with many fine periods at the close.

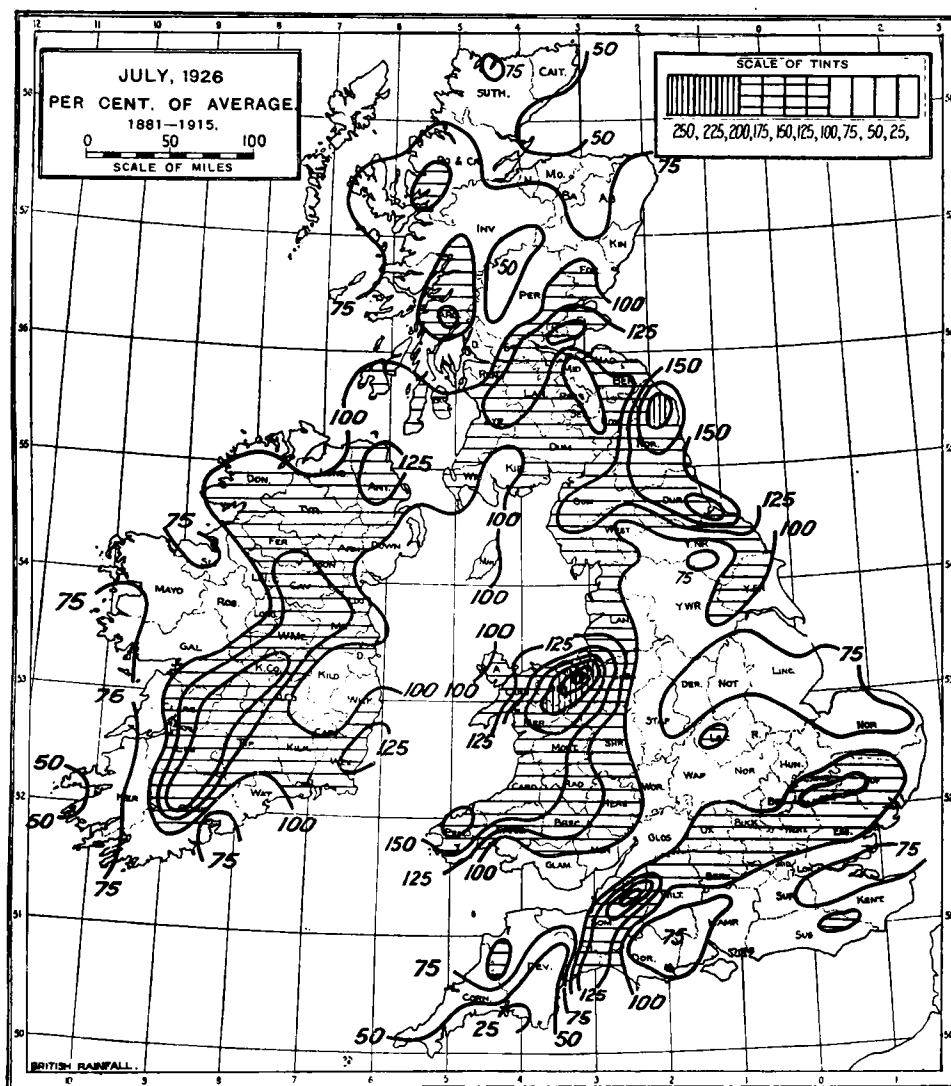
About half the total area of the British Isles received less than the average, as little as 50 per cent. occurring in the extreme west of Kerry, round the Moray Firth and in the southern half of the Devon-Cornwall peninsula. The main feature of the rainfall of the month was the series



Rainfall, July, 1926.

of steep rainfall gradients, *e.g.*, from 50 per cent. at Valentia to 173 per cent. at Mallow in Co. Cork, from 98 per cent. at Holyhead to 260 per cent. at Soughton Hall in Flintshire, from 94 per cent. at Hawick to 216 per cent. at Lilburn Tower in Northumberland. This large variation was associated with local thunderstorms, particularly on the 17th, 18th and 19th. At the three pairs of stations mentioned above,

the total rainfall for these three days was .86 inch and 2.58 inches, .78 inch and 4.20 inches, and 1.18 inch and 3.02 inches. The total recorded at Soughton Hall of 6.75 inches was the largest recorded in that month since the record began in 1877, with the one exception of 1888, when the same total was recorded.

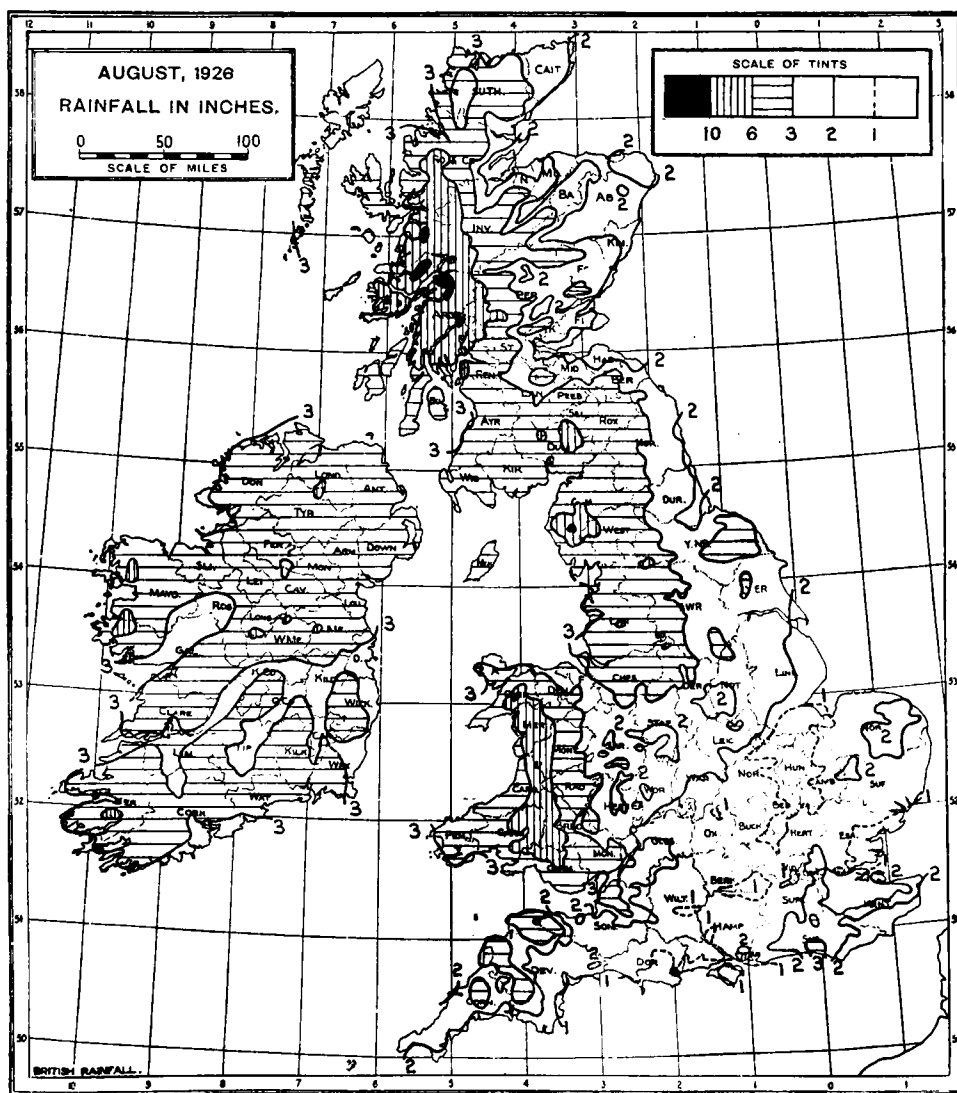


Rainfall, July, 1926, as per cent. of average.

The map of the rainfall of the month in inches indicates that over 10 inches was recorded on Plinlimmon, in Snowdonia, the English Lake District, and on Ben More, in the Isle of Mull. The area with more than 4 inches, stretching from the Mendips to Lyme Regis was that in which falls of more than 2 inches were widespread on the 17th. On the 18th falls of more than 3 inches occurred in Central Wales.

August was warm and mainly fine, with a rainfall in general below the average. There were occasional thunderstorms, and in a number of districts the heavy rainfall associated with them accounted for the greater part of the month's total.

Between 35 and 50 per cent. of the average occurred over large areas between the Wash and Dorset, as well as in Aberdeenshire. The areas with more than the average covered about one-third of the country,



Rainfall, August, 1926.

the excesses being generally small. More than 125 per cent. occurred only in three small areas, viz., near Cape Wrath, in South Wales and in Sussex. The largest percentage was that of 160 per cent. to the north of Brighton. This was largely accounted for by the heavy thunderstorm rain of the 31st August of 1·15 inch. As much as 2·40 inches was recorded in an hour-and-a-half on this day at Chelsham, near

Warlingham, in Surrey. Thunderstorm rains were general in the south-east of England on the morning of September 1st, giving in places large entries for August 31st, and in others for September 1st.

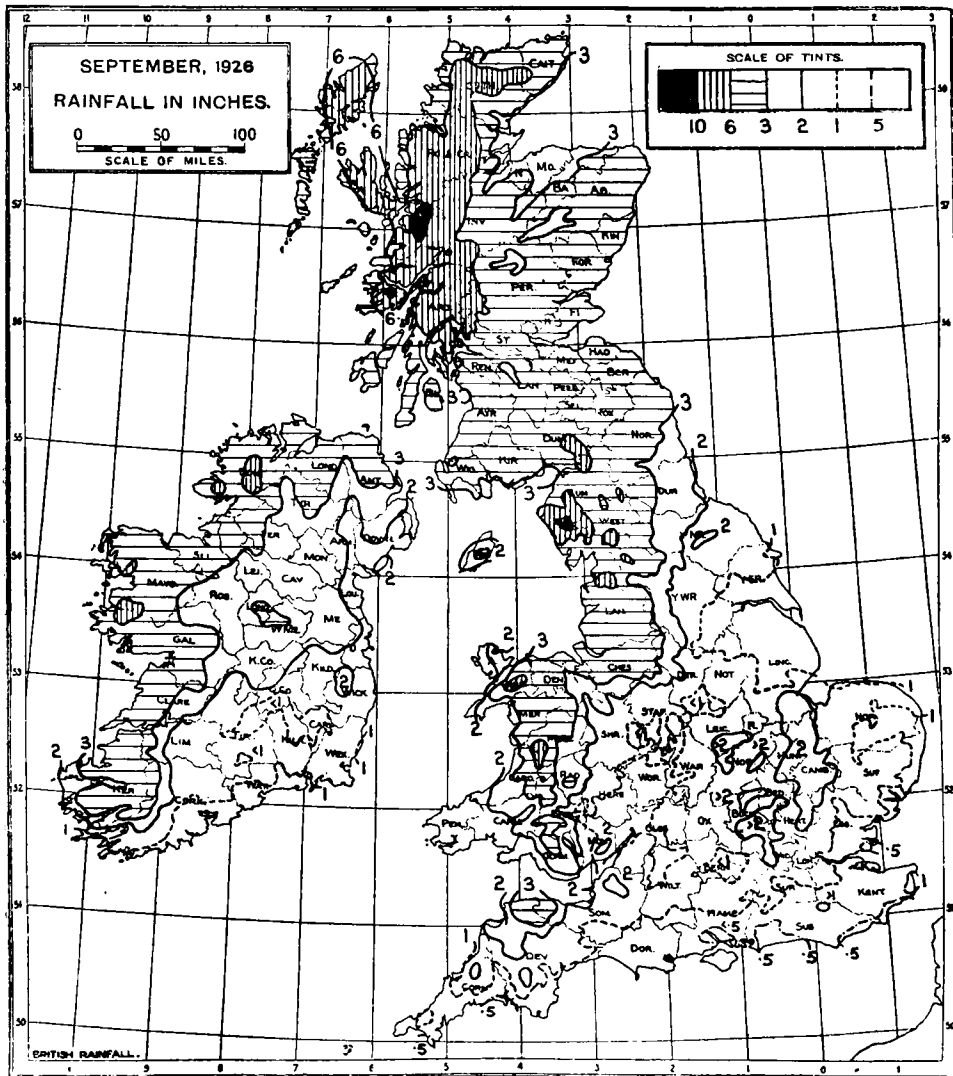
The map showing the rainfall in inches is rather more irregular than usual. The unusual feature of as much rain for the month occurring in the Central Plain of Ireland as in the mountains of Connemara was occasioned by the convection rains, particularly of the 14th,



Rainfall, August, 1926, as per cent. of average.

16th and 30th. More than 10 inches occurred in parts of the Western Highlands of Scotland, as well as in Snowdonia, Central Wales and the English Lake District. The relatively large totals recorded in the south-east of England were associated with a severe thunderstorm during the night of the 16th and 17th, when considerable damage was reported along the south-east coasts from Carisbrooke, in the Isle of Wight, to Margate.

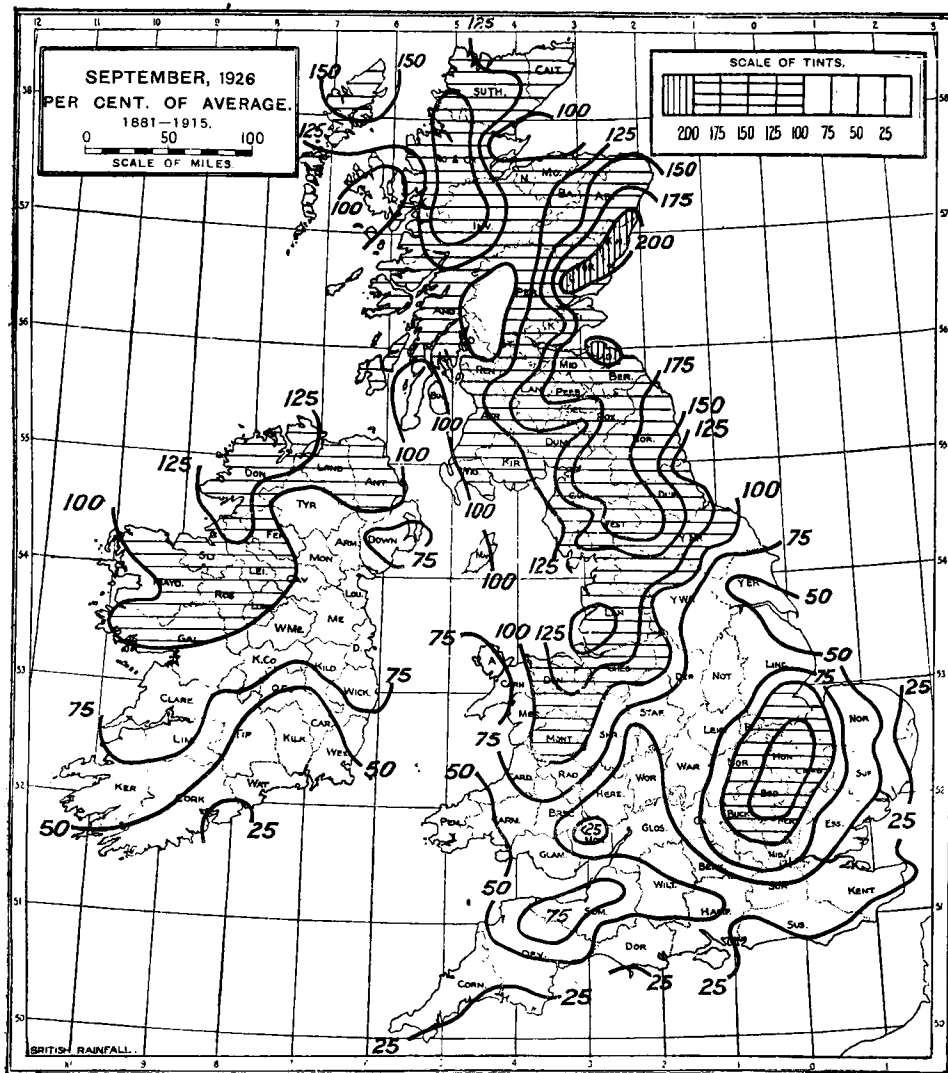
September was a warm month, dry in the south of England, and of Ireland, but wet in the northern districts. As in August, the rainfall of September was below the average. These two months were the only summer months with a general deficiency. The mean pressure was above the average, except in the north of Scotland, where it was slightly below.



Rainfall, September, 1926.

There was less than 25 per cent. of the average along the coast from Yarmouth to Portsmouth, along the south coast of the Devon-Cornwall peninsula, and in the neighbourhood of Cork. More than the average occurred over the land draining to the Wash, over the greater part of Great Britain north of a line from Rhayader, in Central Wales, to Whitby (with the exception of parts of the west coast of

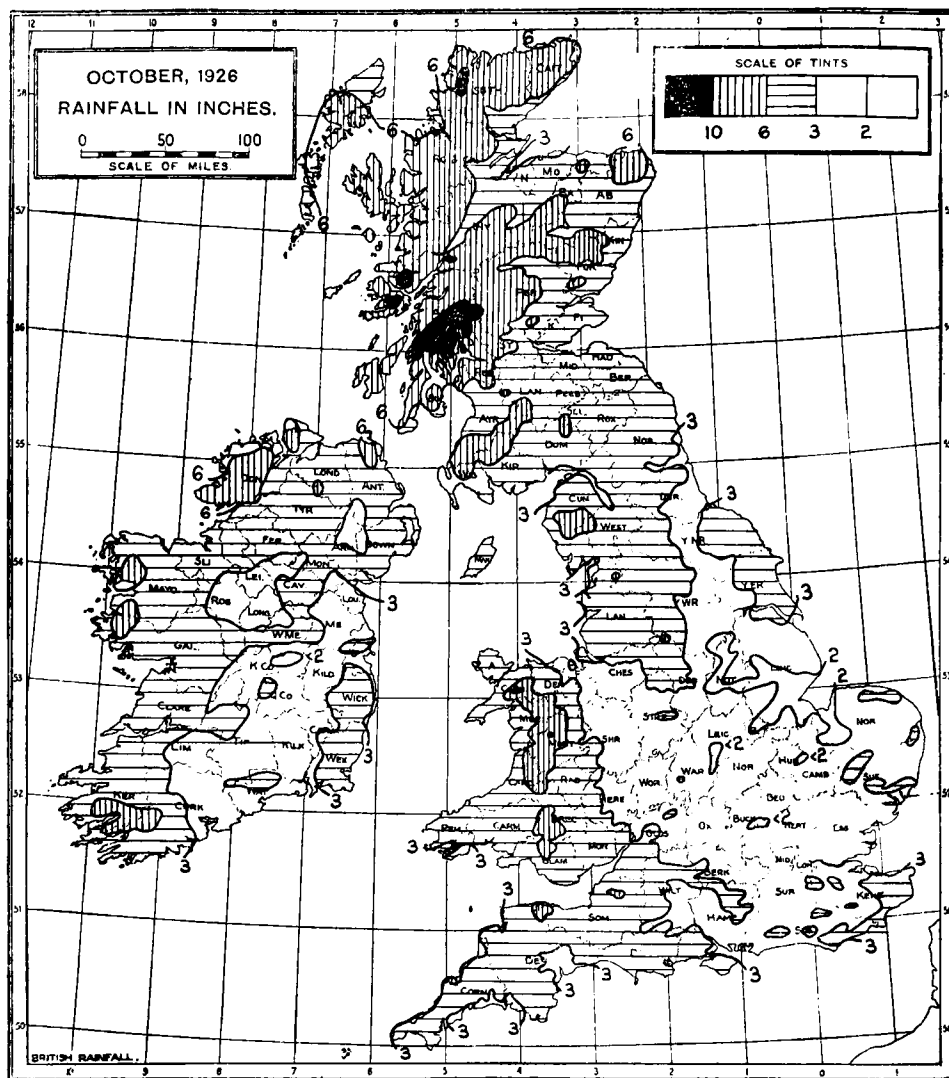
Scotland, part of Perthshire, and the borders of the Moray Firth), and in the north-west of Ireland. Twice the average was exceeded in two well-marked areas in Haddingtonshire, and along the coast from Dundee to Aberdeen. The fall of 4·39 inches at Montrose was 220 per cent. of the average. Many stations in this district recorded heavy thunderstorm rain in the morning of the 19th, and at Montrose the total for the rainfall days of the 19th and 20th was 1·92 inch.



Rainfall, September, 1926, as per cent. of average.

More than 10 inches for the month occurred in Snowdonia, the English Lake District and parts of the Western Highlands of Scotland. For each of the three months, July to September, more than 10 inches was recorded at Ben More, in the Isle of Mull, and the total for that period was 39·60 inches.

October. The first half of the month was generally warm and unsettled, with considerable fair periods, and the latter part cold with frequent ground-frosts and snow in Northern Districts. At Dalnaspidal (Perthshire) snow lay to a depth of 12 inches on the 28th. The mean pressure was in general above the average in the west, and below in the east of the British Isles, with an area of relatively

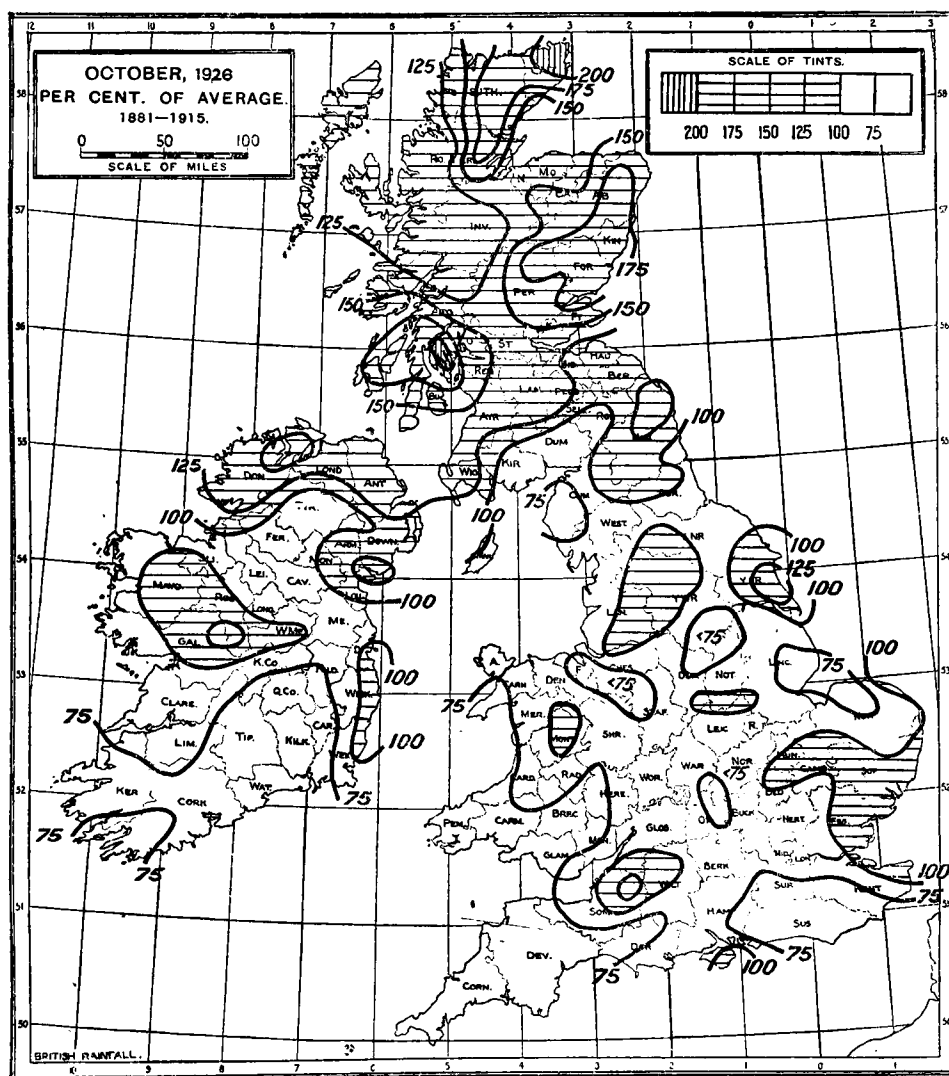


Rainfall, October, 1926.

high pressure over southern central England. The general trend of the isobars differed from the average, the usual south-westerly type being replaced by a northerly type, with a considerable frequency of winds between north-west and north-east.

The general rainfall was below the average over England and Wales, and Ireland, but as there was a large excess over Scotland, the general

value for the whole British Isles did not differ markedly from the average, being 4 per cent. below average. Falls of less than 75 per cent. were widespread in the south-east of England, the south-west of England and of Wales, the English Lake District, and the south of Ireland. Falls of more than 150 per cent. of the average were confined to Scotland with the one exception of a small area in the extreme north of Ireland.

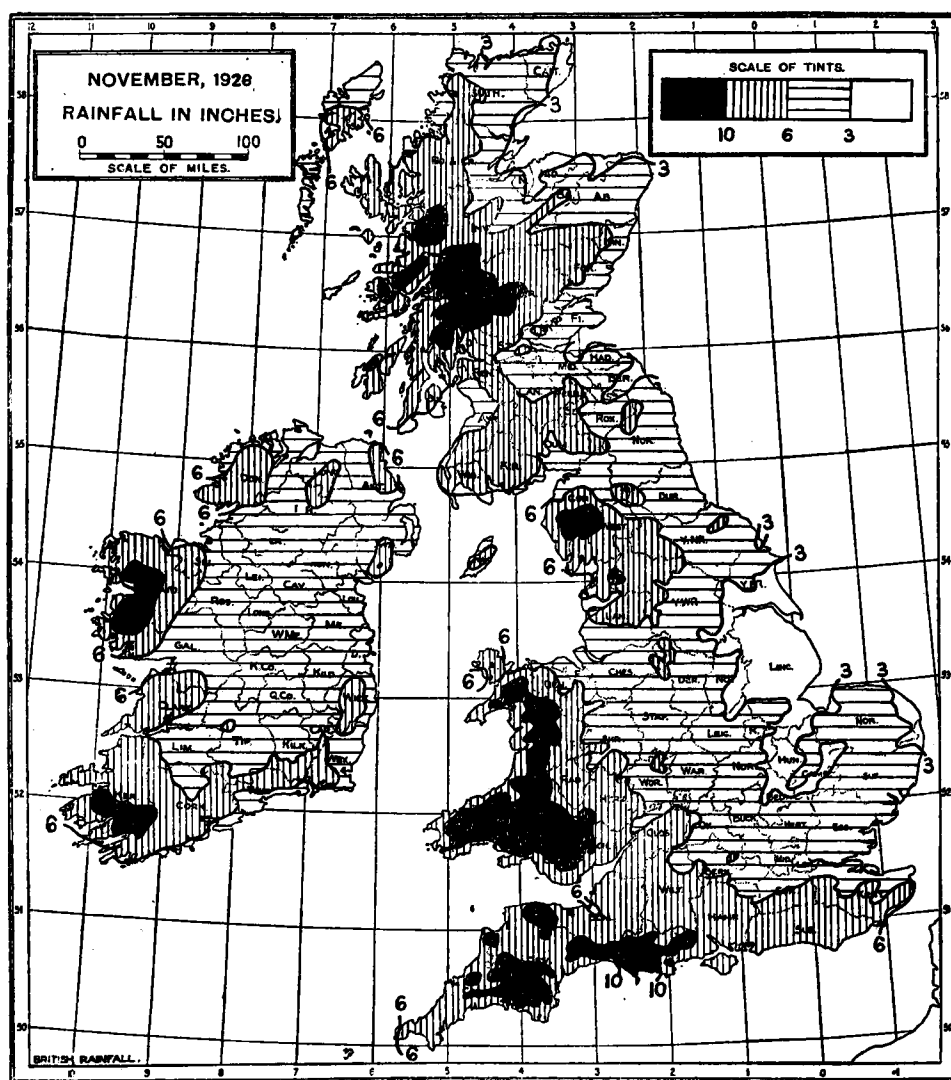


Rainfall, October, 1926, as per cent. of average.

In Scotland, more than 150 per cent. occurred in three main areas, *viz.*, in Argyllshire, along the east coast from Banff to St. Andrews, and as far inland as Loch Rannoch, and also in the extreme north-east. The fall of 6.24 inches at Wick was as much as 211 per cent. of the average. At Deerness, the month's total of 8.62 inches was the largest recorded in any month in Orkney back to at least 1841.

November was mainly remarkable for its unusual wetness, associated with the passage of an abnormally large number of low-pressure systems over the British Isles. The mean pressure for the month was everywhere markedly low.

The rainfall was above the average everywhere, except in the north of Scotland, about 70 per cent. occurring along the north coast. Falls of more than twice the average were widespread in England and Wales,

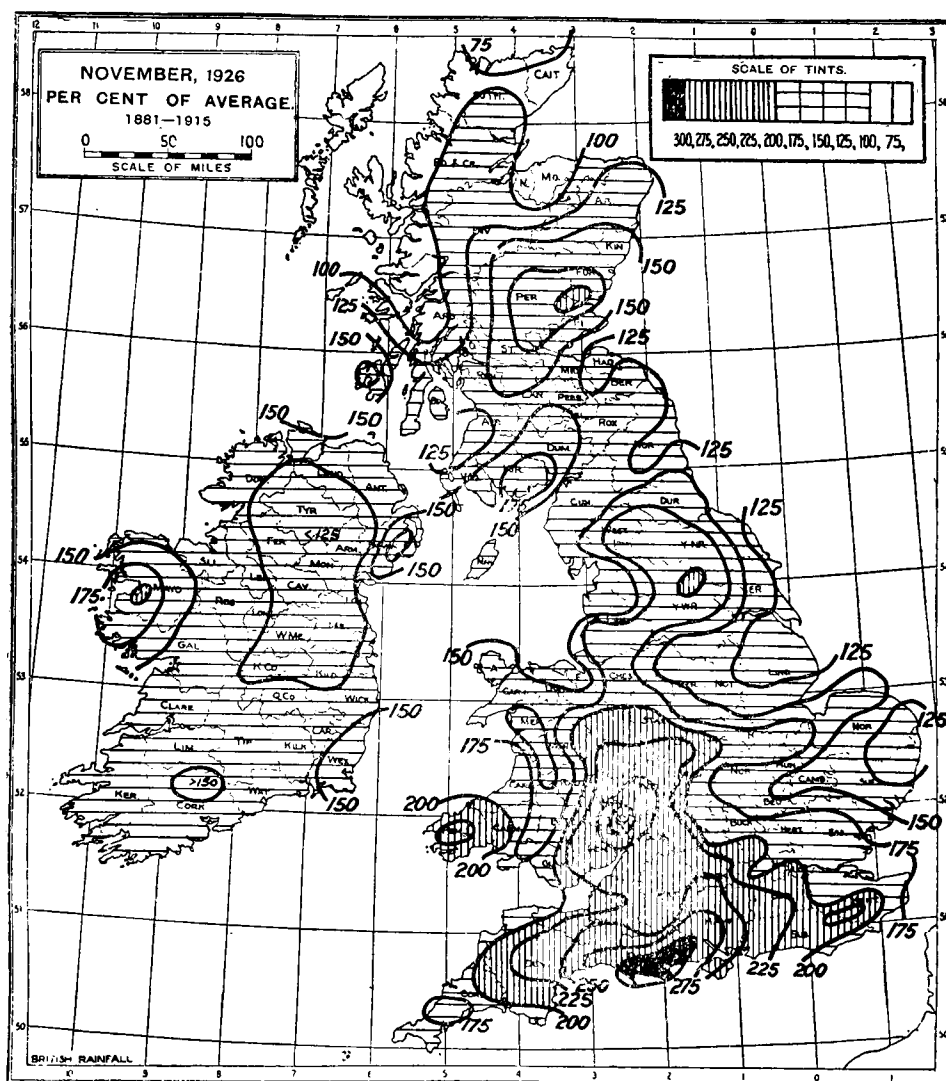


Rainfall, November, 1926.

but they occurred elsewhere only at Westport House in Co. Mayo and at Dundee. Reference has already been made to the fall over England and Wales as a whole, where the general value was the largest by a considerable margin since 1870. The fall between Southampton and Weymouth exceeded three times the average. Numerous stations reported the heaviest November fall on record. The month's rainfall

was the heaviest November rainfall in over 50 years' records at stations as widely distributed as Camden Square in North London, Fordingbridge in Hampshire, Polapit Tama, near Launceston, and St. Michael's-on-Wyre in the north of Lancashire.

The precipitation was remarkable not only for the amounts recorded, but for its persistence. At Baltasound and Salcombe, precipitation occurred every day during the month. For the British

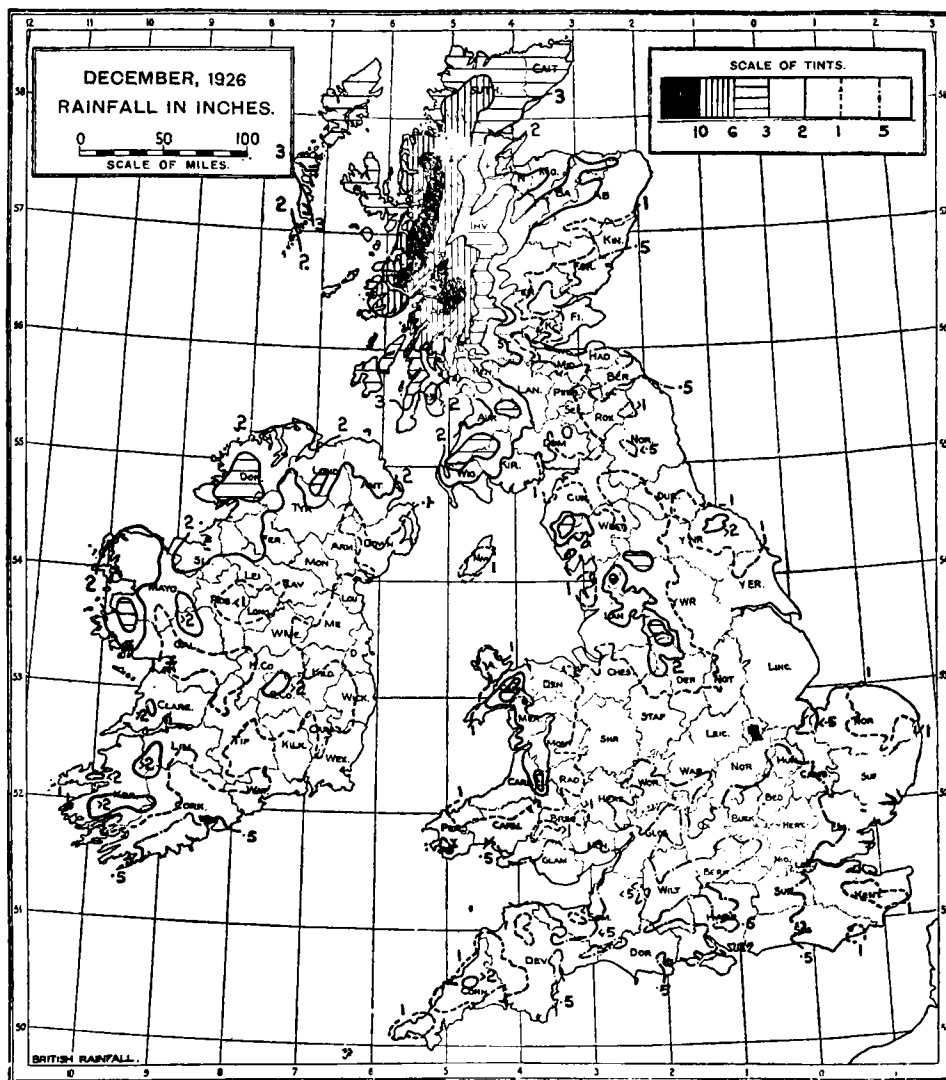


Rainfall, November, 1926, as per cent. of average.

Isles, as a whole, the general number of days with rain was 24 or as many as in January. At Camden Square (London) the duration of rainfall was 85 hours, the largest value recorded in November since 1881, when the registration of rainfall duration was commenced.

More than 5 inches was recorded in Snowdonia on the 4th, and over 2 inches on the 1st, and 4 inches on the 4th in the English Lake District.

December, in striking contrast to November, was unusually dry. The sunshine was in excess of the average everywhere except in the north of Scotland. A noteworthy feature of the weather of the month was the high pressure recorded at all stations in regard to both mean and absolute values. The mean pressure was the highest on record for December at Greenwich Observatory, Aberdeen and Cahirciveen.



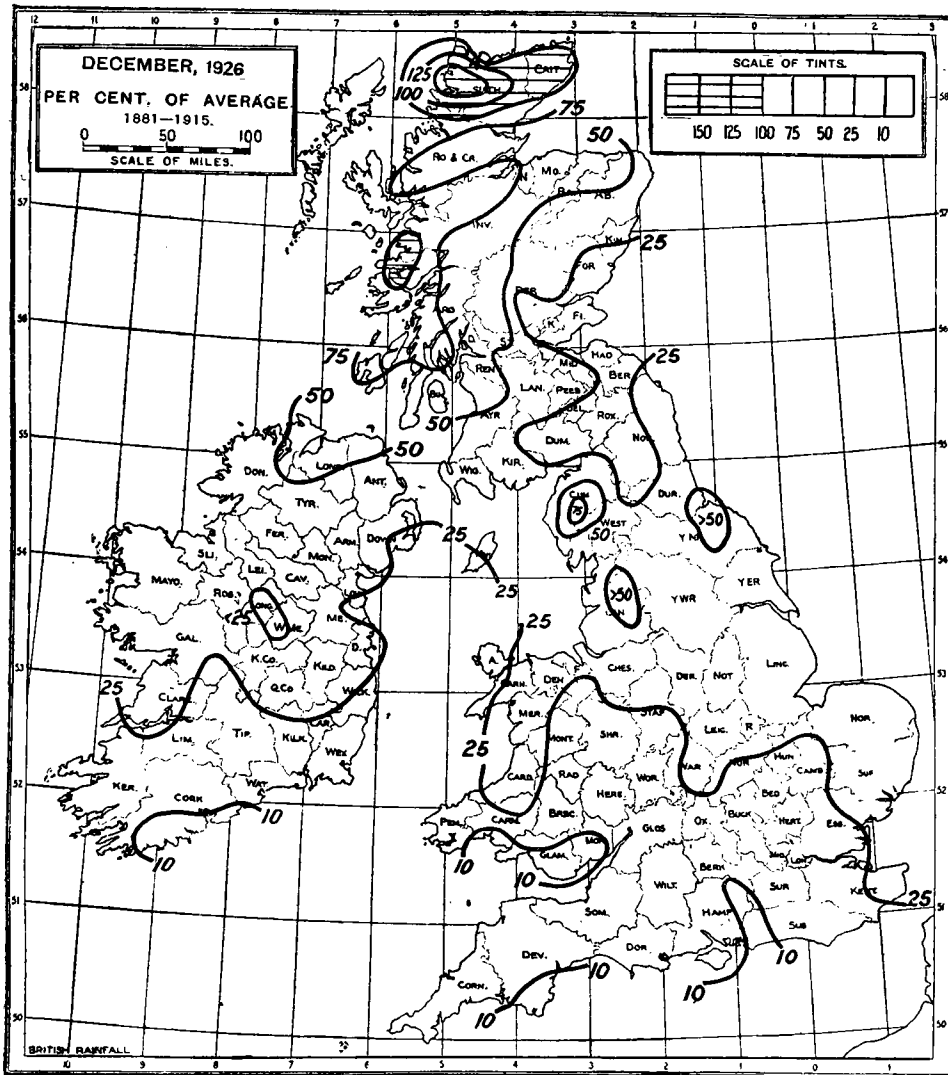
Rainfall, December, 1926.

The general trend of the isobars was from north-west to south-east instead of from the usual south-west direction.

Less than 10 per cent. of the average rainfall occurred in well-marked areas in the south of England, Wales and Ireland. The areas in December were much larger than in the other dry month, March, and the areas with considerable deficiencies were also more widespread

in December. More than half the average for the month was confined to small areas in the north of England and of Ireland and to the west and north-west of Scotland. At Achfary near Loch More in Sutherlandshire as much as 7·06 inches or 174 per cent. of the average was recorded.

Many observers reported the driest December on record. At stations as widely distributed as Slough in Buckinghamshire, Lyme



Rainfall, December, 1926, as per cent. of average.

Regis in Dorset, Church Stretton in Shropshire, at Cardiff, and at Darrynane Abbey in Kerry, the total was the smallest recorded in December in over 50 years' records.

While separately November and December gave extreme values, together, the fall was very close to the average for the two months.

Table XX.—Monthly Rainfall at 392 Stations in the British Isles during 1926.

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	St. Pancras (Camden Square) . . .	2.64	3.07	.30	3.15	2.30	3.27	2.08	1.55	1.52	2.21	4.71	.43	27.23
Surrey	Haslemere (Hazelhurst)	6.37	2.92	.42	4.00	2.66	3.03	1.99	1.64	.77	2.78	7.92	.36	34.86
"	Woking (The Green)	2.87	2.15	.46	3.39	1.61	2.91	1.69	1.12	1.28	2.39	4.71	.32	24.90
Kent	Tenterden (Ashenden)	3.02	2.84	.30	3.50	3.49	2.20	1.93	2.43	.58	2.61	7.11	.74	30.75
"	Folkestone (Cheriton Road)	3.76	2.76	.20	3.16	1.51	4.02	1.76	1.31	.54	3.90	6.21	.90	30.03
"	St. Peters (Hildersham House) . .	1.53	2.13	.32	2.80	1.25	3.33	1.81	2.28	.59	3.72	4.16	.73	24.65
"	Teynham (New Gardens)	2.34	2.30	.32	3.54	.90	2.82	1.41	1.97	.60	2.93	5.48	.79	25.40
"	Rochester (Knight's Place)	2.79	2.61	.28	5.36	1.01	2.34	2.52	1.90	.70	2.72	4.92	.71	27.86
"	Westerham (Town)	3.51	3.18	.51	4.76	1.51	3.27	1.83	2.73	.95	3.15	6.87	.74	33.01
Sussex	Selsey (Large Acres)	3.79	2.62	.44	3.19	1.78	2.58	2.24	1.33	.56	3.54	7.02	.41	29.50
"	Worthing (Victoria Park)	3.46	3.12	.37	2.47	2.13	2.94	1.70	1.80	.37	2.36	7.56	.29	28.57
"	Barcombe (The Gables)	4.98	3.14	.45	4.27	2.16	3.92	1.85	2.48	.63	3.02	8.03	.43	35.36
"	Eastbourne (Wilmington Sq.) . . .	3.61	3.09	.46	3.78	2.26	2.76	2.29	1.77	.60	3.57	6.89	.90	31.98
"	St. Leonards (Gensing Gdns.)	3.51	3.39	.39	3.57	2.43	2.84	1.82	1.44	.76	3.95	8.18	1.24	33.52
"	Crowborough (Uckfield Lodge) . . .	4.92	3.30	.61	5.89	2.11	3.97	2.07	2.02	1.18	3.29	8.11	.78	38.25
"	Totland Bay (Aston House)	4.30	2.03	.31	2.83	1.88	3.28	.98	.77	.63	3.08	7.69	.33	28.11
Hampshire	Upper Somborne (Clock Ho.)	5.75	1.98	.64	3.30	2.15	2.44	1.78	1.15	1.05	2.43	8.34	.29	31.30
"	Bishops Waltham (Park Ho.)	4.79	2.00	.59	3.26	1.59	2.56	1.86	1.05	.53	2.32	6.26	.42	27.23
"	Sherborne St. John	4.19	1.78	.91	3.30	1.72	2.99	1.56	1.03	.59	2.90	6.90	.30	28.17
Berkshire	Bucklebury Place	2.82	1.75	.48	3.08	2.05	2.38	2.58	1.30	.82	2.38	5.78	.46	25.88
"	Upton (Manor House)	3.16	2.15	.63	2.77	2.13	2.26	2.20	1.12	.96	2.11	4.20	.46	24.15
Hertfordshire	St. Albans (County Museum)	3.67	2.67	.18	2.87	1.83	3.39	2.76	.71	1.65	2.39	5.13	.42	27.67
"	Royston (Therfield Rectory)	2.77	2.82	.17	3.14	1.96	2.76	3.31	1.18	2.48	2.39	3.62	.37	26.97
"	Slough (Upton)	2.63	2.20	.30	2.71	1.25	3.17	1.90	1.43	2.51	2.42	4.93	.35	25.80
Buckinghamshire	Hampden House	3.33	1.94	.23	3.18	2.51	2.83	2.62	1.48	2.37	2.30	5.33	.53	28.65
"	Wolverton (St. George's Vic.)	2.71	2.42	.35	2.68	2.45	3.02	2.03	1.08	1.91	2.18	3.80	.43	25.06
Oxfordshire	Wootton Rectory	3.86	2.12	.34	3.04	2.65	3.21	2.47	1.25	1.23	2.42	5.06	.51	28.16
Northamptonshire	Naseby Reservoir	3.08	3.42	.48	2.22	2.60	2.35	2.18	1.90	2.39	2.13	4.26	.66	27.67
"	Wellingborough (Swanspool)	2.93	3.10	.66	3.46	3.29	2.01	1.59	.99	1.71	2.35	3.36	.47	25.92
Huntingdonshire	St. Ives (Slepe House)	2.10	1.93	.38	2.44	2.37	2.21	2.04	.91	2.44	1.97	2.56	.43	21.78
Bedfordshire	Shefford Council School	1.73	2.82	.26	3.53	1.88	2.68	2.22	1.52	1.79	2.50	3.35	.34	24.62
Cambridgeshire	Littleport (Highfield House)	2.16	1.87	.39	2.08	2.16	2.32	1.07	1.10	1.94	2.06	3.00	.46	20.61

Table XX.—(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	3 Wisbech (Bank House)	2.86	1.76	.19	1.89	2.50	3.48	1.39	1.14	2.16	2.24	2.95	.47	23.03
Essex.....	2 Leigh (Brick House)	1.88	2.60	.04	4.71	1.04	2.73	1.65	.91	.87	2.60	3.31	.48	22.82
"	2 Ongar (Marden Ash)	2.62	2.70	.20	3.83	1.47	3.00	1.85	.85	1.51	2.06	4.12	.32	24.53
"	3 Bradwell-on-Sea (Bradwell Hall)	2.13	1.97	.14	4.80	1.62	2.72	1.56	.81	.66	2.70	3.79	.71	23.61
"	4 Gt. Bardfield (South Lodge)	2.37	2.31	.14	3.07	1.32	3.47	3.24	1.46	.88	2.51	3.92	.61	25.30
Suffolk	1 Capel St. Mary School	2.24	2.36	.25	3.69	1.06	2.62	2.05	1.95	.71	2.70	4.54	.73	24.90
"	1 Hawkedon Rectory	2.23	2.35	.24	3.24	1.67	2.76	3.30	1.61	1.38	3.02	3.29	.84	25.93
"	3 Orford (The Gables)	2.47	2.13	.15	2.67	1.31	2.82	1.62	1.35	.75	3.33	3.78	.74	23.12
"	3 Halesworth Rectory	2.31	1.98	.38	2.77	1.51	3.28	2.45	1.70	.96	2.81	3.54	.90	24.59
"	4 Yarmouth (Burgh Hall)	2.32	2.17	.22	2.51	1.52	2.61	1.97	1.93	1.00	3.02	2.98	.85	23.10
"	5 Drinkstone	2.05	1.87	.31	3.52	2.31	3.03	1.90	1.81	.96	2.74	3.12	.67	24.29
Norfolk	1 Diss (The Cedars)	1.86	1.98	.40	2.54	1.12	2.15	1.78	1.92	1.24	2.00	2.66	.80	20.45
"	1 Wymondham	3.09	2.20	.34	3.13	1.64	3.20	2.36	2.36	1.06	2.63	3.40	1.05	26.46
"	2 Aylsham (Rippon Hall)	2.95	1.96	.46	2.62	1.62	2.65	1.87	2.36	1.45	2.58	3.61	1.49	25.62
"	3 Sandringham House Gardens	2.80	1.87	.56	1.62	2.81	2.87	1.69	1.49	1.95	2.24	3.32	.76	23.98
"	3 Blakeney	3.59	1.59	.27	2.46	2.10	2.25	2.13	1.49	.78	2.85	4.03	1.02	24.56
"	4 Thetford (Waterworks)	2.17	2.24	.47	2.79	2.16	3.31	2.09	1.81	1.08	2.40	3.30	.88	24.70
"	4 Little Dunham (Dunham Cot.) ..	3.62	2.07	.34	2.12	2.75	4.33	1.60	1.99	1.65	1.85	3.84	1.08	27.24
Wiltshire.....	1 Bradford (Manvers House)	3.56	1.90	1.19	3.20	2.61	2.88	2.34	1.65	1.01	3.97	6.92	.42	31.65
"	2 Mere (Charnage)	4.40	2.55	1.09	3.89	2.58	2.84	1.79	1.32	1.31	3.36	7.07	.64	32.84
"	3 Larkhill (School of Artillery)	3.58	1.70	.47	3.04	2.06	2.41	2.33	1.12	1.02	2.51	6.31	.47	27.02
"	5 Marlborough College	4.94	2.26	1.31	3.30	3.02	2.93	2.28	1.37	.94	3.03	7.04	.61	33.03
Dorsetshire	3 Weymouth (Springfield)	3.88	1.65	.50	2.95	1.53	2.68	1.72	.83	.70	3.43	10.76	.71	31.34
"	3 Beaminster (Hamilton Lodge) ...	5.21	2.08	.45	2.97	2.38	3.41	3.32	1.55	.81	3.81	11.46	.63	38.08
"	4 Winterbourne (Whitchurch Vic.)..	4.34	2.29	.59	4.14	2.46	2.97	1.22	.87	.69	4.21	12.24	.55	36.57
"	4 Wimborne (Codford House)	5.32	2.35	.43	4.37	2.12	2.76	1.34	.95	.72	4.57	10.47	.50	35.90
South Devonshire	3 South Brent (Great Aish)	10.92	5.86	1.61	3.34	3.00	3.92	1.50	3.00	2.01	4.62	13.47	.70	53.95
"	5 Teignmouth (Den Gardens)	4.29	2.67	.77	2.56	.59	3.44	.89	.95	1.48	3.13	8.26	.45	29.48
"	6 Crediton (Okefield)	4.53	2.85	.84	1.95	1.60	3.12	1.41	1.26	1.74	2.87	7.82	.81	30.80
"	7 Ottery St. Mary (West Hill)	5.65	2.69	.79	2.04	1.23	3.87	1.63	1.55	1.15	2.74	9.71	.57	33.62
North Devonshire	1 Woolacombe (Hotel Grounds)	4.77	2.53	.53	1.35	1.13	1.12	2.24	2.65	1.32	2.58	5.99	.81	27.02
"	3 Okehampton (Uplands)	8.68	3.93	1.20	2.86	2.86	4.31	2.20	2.31	2.32	4.65	11.01	.94	47.27

Table XX.—(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.
North Devonshire	Dolton (Hilliers)	5.41	2.62	.65	1.98	1.61	1.88	1.70	2.73	2.15	3.35	8.20	.94	33.22
Cornwall	Redruth (Trewirgie)	7.14	3.31	.93	2.59	2.41	3.30	1.62	2.61	1.00	3.47	8.91	1.24	38.53
"	Newquay (Mount Wise)	5.30	2.36	.70	1.90	1.41	2.08	2.87	2.23	.65	2.35	6.26	.67	28.78
"	Morwenstow Vicarage	6.45	4.28	.78	1.98	2.17	1.64	2.61	3.39	1.44	3.29	8.83	1.37	38.23
"	Penzance (Morrab Gardens)	5.57	2.56	1.05	2.66	2.19	2.73	1.40	2.10	.79	3.26	6.41	1.20	31.92
"	St. Austell (Trevarna)	7.62	3.59	.95	2.94	2.31	3.57	1.04	2.23	.95	3.50	8.58	1.09	38.37
"	Liskeard (Penmilder)	7.32	3.77	.97	2.99	2.38	3.82	1.70	2.45	.57	3.80	9.89	1.02	40.68
"	Bolventor Vicarage	11.40	5.40	1.60	3.24	2.79	4.83	2.94	4.14	2.34	4.37	12.51	2.42	57.98
"	Devonport (Cremyll)	5.53	2.97	.70	2.42	3.88	3.49	.83	2.54	.37	2.80	8.17	.76	34.46
"	Tresco Abbey	5.30	2.65	.78	2.13	2.22	2.39	1.26	2.54	.54	3.85	5.95	.71	30.32
Somersetshire	Street (Hind Hayes)	3.46	1.72	.97	2.50	2.07	3.22	4.36	2.18	1.55	4.37	6.23	.51	33.14
"	Burnham (Chalbury)	3.64	2.38	.85	2.84	1.95	2.23	2.62	2.75	2.17	4.66	5.97	.30	32.36
"	Taunton (The Park)	3.38	2.03	.34	1.83	1.48	2.40	2.80	1.03	1.23	4.37	7.34	.30	28.53
"	Brushford Rectory	8.11	3.46	1.16	2.54	2.53	2.70	1.73	2.97	2.71	4.93	10.22	.59	43.65
Gloucestershire	Avening House	4.96	2.32	.65	3.57	2.87	1.86	2.68	2.40	1.37	3.23	6.91	.60	33.42
"	Cheltenham (Montpellier Gdns.) ..	3.17	1.63	.23	3.42	2.74	1.64	2.29	1.49	1.02	2.59	6.59	.48	27.29
"	Mickleton (Bank House)	2.61	1.86	.74	2.87	2.97	2.29	2.08	1.74	1.20	2.41	4.71	.41	25.89
"	Clifton College	5.35	2.22	1.03	2.50	2.59	1.63	2.48	2.74	1.40	4.54	7.62	.65	34.75
"	Lechlade (Claydon House)	3.93	2.04	.82	2.16	3.12	2.15	2.08	1.55	1.24	2.32	5.68	.50	27.59
Herefordshire	Ross (Birchlea)	4.05	1.83	.22	2.73	2.42	1.42	2.29	2.37	.68	2.77	7.87	.47	29.12
"	Weobley School	4.13	2.37	.49	2.27	2.27	1.41	1.89	2.29	1.29	3.34	6.58	.68	29.01
Shropshire	Ashford House	3.80	2.57	.47	2.58	2.92	1.72	2.47	2.53	1.25	2.61	6.60	.58	30.10
"	Lydbury North (Totterton)	2.96	1.83	.54	2.58	2.12	1.74	2.65	2.67	1.72	3.46	4.39	.74	27.40
"	Much Wenlock (Willey Park)	2.81	1.86	.65	1.79	3.11	1.42	1.91	2.27	1.21	2.42	5.65	.57	25.67
Staffordshire	Market Drayton (Old Springs)	2.59	2.57	.52	1.36	2.86	1.45	2.12	2.48	1.54	2.00	5.25	.79	25.53
"	Lichfield (St. John Street)	2.43	2.14	.85	2.04	3.01	1.27	3.02	1.97	.80	2.32	4.51	.54	24.90
"	Stafford (Corporation Depot)	2.43	2.49	1.08	1.81	4.56	2.03	2.03	2.02	1.11	2.54	4.42	.75	27.27
"	Ashbourne (Mayfield House)	4.00	3.22	1.53	1.54	3.11	2.55	2.31	2.69	1.53	3.29	4.86	1.27	31.90
Worcestershire	Malvern (Free Library)	3.72	2.33	.65	2.50	3.86	1.34	2.25	2.79	.52	2.76	6.45	.56	29.73
"	Bewdley (C.E. School)	2.64	2.48	.39	1.25	2.37	1.25	2.71	2.11	1.29	2.54	5.86	.49	25.38
"	Dudley (Borough Cemetery)	2.59	1.89	.45	2.32	3.47	1.25	2.79	1.93	.97	2.05	4.90	.53	25.14
"	Redditch (Hewell Gardens)	3.87	2.40	.83	3.04	4.95	2.08	2.08	2.26	.90	2.59	5.69	.61	31.30

Table XX.—(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)	3.56	2.74	.75	2.43	4.39	2.12	2.16	2.69	1.57	2.29	4.72	.58	30.00
"	3 Farnborough	3.57	2.46	.78	3.64	2.71	2.77	2.38	1.81	1.52	2.27	4.81	.82	29.54
Leicestershire ..	4 Loughboro' (Nan Pantan Res.) ..	2.97	2.53	1.02	2.26	3.39	3.26	2.17	2.26	.84	2.97	4.52	.70	28.89
"	4 Belvoir Castle Gardens	2.57	1.34	.49	1.63	3.07	2.21	2.13	2.59	1.30	2.74	3.26	.91	24.24
Rutlandshire ..	1 Uppingham (Ridlington)	3.22	2.56	.56	2.26	2.47	2.14	2.20	1.40	1.36	1.98	3.36	.64	24.15
Lincolnshire ..	2 Market Deeping (Wilsthorpe)	2.13	1.36	.19	1.77	2.17	2.77	1.60	.91	1.92	1.78	2.72	.43	19.75
"	3 Boston (Black Sluice, Skirbeck) ..	2.79	1.73	.66	1.71	2.47	3.36	1.37	1.40	1.85	1.95	2.87	.76	22.92
"	3 Sleaford (Kesteven Mental Hos.) ..	3.03	1.16	.64	2.01	2.95	2.21	1.54	2.35	.92	2.07	2.67	.85	22.40
"	3 Hackthorn Hall	2.36	1.02	.36	2.05	2.85	3.15	1.00	2.90	.84	2.22	2.17	.66	21.58
"	4 Skegness (Marine Gardens)	2.64	1.93	.69	1.56	1.41	2.67	1.37	1.46	.97	2.12	2.43	.58	19.83
"	4 Louth (Westgate)	2.92	1.20	.46	1.77	2.73	3.55	1.95	1.64	.65	2.88	2.87	.79	23.41
"	5 Brigg (Bridge Street)	3.24	1.45	.65	1.92	2.00	3.77	1.99	2.87	.91	2.60	2.45	.85	24.70
Nottingham ..	2 Newark	2.44	1.35	.62	1.87	1.93	2.25	1.43	2.32	.93	1.86	2.53	.89	20.42
"	5 Mansfield (West Bank)	3.32	1.53	.67	1.88	2.12	2.52	2.32	2.68	1.58	2.24	3.91	1.26	26.03
Derbyshire	5 Littleover (The Knoll)	2.67	2.71	1.02	1.79	3.25	2.49	1.78	2.04	.85	2.91	3.15	.92	25.58
"	6 Matlock Bath (Lower Tower)	4.13	2.56	1.23	2.05	3.32	2.34	3.32	2.58	1.70	3.00	5.22	1.08	32.53
"	6 Buxton (Devonshire Hospital) ..	5.19	3.52	2.09	2.25	4.13	3.52	3.20	3.95	3.54	4.04	5.80	1.96	43.19
Cheshire	1 Altrincham (Watling Gate)	3.20	2.87	1.45	1.07	3.07	1.84	3.52	3.42	3.48	4.17	5.19	1.16	34.44
"	2 Middlewich	1.97	2.83	1.04	1.14	3.10	1.84	3.21	3.52	3.79	2.48	4.26	.79	29.97
"	4 Eccleston	2.18	2.41	.52	.87	3.75	1.68	3.09	3.18	3.48	2.29	4.86	.92	29.23
"	4 Neston (Vine House)	1.80	2.24	.71	.72	3.28	1.20	3.79	2.67	4.74	3.17	3.71	1.23	29.26
South Lancashire	3 Bolton (Queen's Park)	5.11	4.39	2.52	1.80	4.60	2.31	2.89	5.53	4.42	4.31	6.46	2.64	46.98
Central "	1 Burnley (Swinden)	6.00	4.26	2.52	2.30	4.17	3.72	2.75	4.61	3.69	3.58	8.38	2.27	48.25
"	3 Southport (Hesketh Park)	3.29	3.14	1.02	1.22	3.09	1.77	3.32	3.12	4.61	3.18	5.92	1.16	34.84
North "	4 Lancaster (Greg Obsy.)	4.65	5.05	1.48	1.92	3.11	3.37	4.67	3.67	5.26	3.56	6.71	1.41	44.86
"	5 Barton (Newsham House)	3.91	4.43	1.24	1.54	2.98	2.33	4.03	3.64	4.89	4.65	6.86	1.24	41.74
Yorkshire, W.R.	2 Settle (Gas Works)	5.95	4.85	1.87	1.93	3.27	2.52	2.70	4.33	4.61	4.19	8.77	1.58	46.57
"	7 Sheffield (Weston Park)	3.30	2.19	1.39	1.78	2.92	3.05	2.44	2.76	1.34	3.07	3.74	1.21	29.19
"	7 Doncaster (Avenue Road)	2.41	1.95	.75	1.50	1.91	3.14	1.36	3.63	.81	2.36	3.21	.70	23.73
"	8 Meltham (Harewood Lodge)	5.24	3.91	2.37	2.97	3.76	2.78	3.17	3.92	2.64	4.47	5.37	2.27	42.87
"	9 Garforth (Manor Farm)	2.23	1.87	.70	1.26	2.30	3.24	2.64	2.57	1.38	2.49	3.70	.92	25.30
"	10 Ilkley (Spence's Garden)	3.89	3.07	1.83	2.12	4.08	3.07	2.34	3.95	2.06	5.01	7.21	1.35	39.98

Table XX.—(con.) ENGLAND—(con.)

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Yorkshire, W.R.	10 York (Cherry Hill)	2.55	1.16	.57	1.20	2.55	3.64	2.88	2.90	.87	2.59	3.69	.56	25.16
"	10 Buckden	8.31	5.43	2.68	2.33	3.79	2.80	3.61	4.43	4.34	4.38	10.51	1.97	54.58
"	11 Knaresborough (The Abbey)	2.67	2.04	1.16	.65	2.76	3.16	1.81	2.77	1.66	3.11	5.34	.91	28.04
"	2 Birdsall Gardens	3.51	1.86	.76	1.16	2.19	4.13	2.75	2.56	1.16	3.31	4.04	.84	28.27
"	3 Patrington (Rose Cottage)	2.61	1.38	.39	1.38	1.53	3.57	1.90	1.99	.69	3.17	1.98	.70	21.29
"	3 Holme-on-Spalding Moor	2.52	1.66	.72	1.80	1.70	6.47	2.02	3.20	.76	2.20	2.92	.64	26.61
"	3 Beverley (E. Riding Mental Hosp.) ..	2.65	1.65	.59	1.85	1.62	4.63	1.55	2.35	.60	2.08	2.33	.54	22.44
"	4 Bridlington (Corpn. Nurseries) ..	2.48	1.71	.57	1.29	1.73	3.41	2.12	2.36	1.38	3.74	2.74	1.34	24.87
"	1 Masham Moor (Roundhill Res.) ..	5.48	3.83	1.84	2.25	2.96	4.46	3.74	3.77	3.39	4.54	9.78	1.58	47.62
"	2 Felixkirk (Mount St. John)	2.16	1.58	.82	.65	2.53	4.61	1.90	3.01	1.83	2.54	4.47	1.14	27.24
"	2 Reeth (Arkengarthdale)	4.76	4.01	2.56	1.90	2.47	2.86	4.33	3.57	2.25	3.99	7.77	1.62	42.09
"	4 Thornton Dale (High Dalby Ho.) ..	2.85	2.45	.71	.66	1.43	2.54	2.65	3.09	1.26	3.94	3.70	1.34	26.62
"	5 Whitby (Mulgrave Castle)	2.22	2.91	.56	1.25	1.54	3.52	3.32	4.06	1.88	4.58	5.01	1.09	31.94
"	6 Middlesbrough (Albert Park)	1.69	1.54	.77	1.20	1.64	2.45	4.70	2.02	2.25	2.70	3.37	1.12	25.45
Durham	2 Weardale W.W. (Waskerley)	3.01	3.01	.99	2.05	2.77	4.51	3.73	2.87	4.28	3.04	4.97	.96	36.19
"	2 Sunderland (W. Hendon Ho.)	2.09	2.22	1.00	.91	1.67	2.88	2.73	2.45	2.35	2.93	3.97	.67	25.87
Northumberland	3 Corbridge (Howden Dene)	1.90	2.69	1.24	1.41	2.65	3.93	3.45	2.74	3.22	2.75	2.90	.61	29.49
"	4 Bellingham (High Green Manor) ..	3.57	3.58	2.61	1.87	2.92	3.92	3.59	4.34	3.91	3.25	5.66	.49	39.71
"	5 Morpeth (Cockle Park)	2.90	3.28	.66	1.35	2.22	3.12	5.28	2.04	3.02	3.59	4.36	.67	32.49
"	5 Fontburn Res. (Tynemouth W.W.) ..	3.58	2.73	1.57	2.39	2.96	5.17	4.46	3.13	3.52	3.08	4.57	.72	37.88
"	6 Wooperton	3.42	2.86	1.11	1.77	2.35	5.28	4.08	2.59	3.35	4.96	5.46	.72	37.95
"	6 Kirknewton (Coldburn)	4.36	4.00	.98	2.86	3.41	7.26	4.78	3.29	4.79	4.26	6.39	1.01	47.39
Cumberland	1 Penrith (Benson House)	4.71	3.15	1.98	1.93	1.74	3.10	3.06	3.99	4.31	3.26	5.71	.95	37.89
"	1 Geltsdale	3.65	3.52	1.66	3.09	2.97	4.43	3.08	4.14	5.01	3.07	5.47	1.20	41.29
"	1 Carlisle (Scaleby Hall)	2.77	3.81	1.43	2.66	2.81	3.50	3.54	4.09	5.64	3.48	4.31	.85	38.89
"	2 Borrowdale (Seathwaite)	20.10	19.00	7.92	8.00	7.44	9.15	11.08	8.10	12.30	8.25	19.03	5.00	135.37
"	3 St. Bees (Bickerley House)	4.32	5.29	1.83	2.50	2.42	2.11	4.45	5.20	4.73	3.63	7.11	1.50	45.09
"	4 Silecroft (Old Chappels)	5.78	8.34	2.34	2.44	3.03	2.93	4.51	5.51	4.87	3.75	8.75	2.74	54.99
Westmorland	1 Kirkby Stephen (Redman Ho.) ..	6.63	3.27	1.78	2.45	1.82	2.95	3.97	4.01	5.02	3.49	7.88	.59	43.86
"	1 Appleby (Castle Bank)	4.82	3.21	1.85	1.81	2.08	2.82	2.99	3.22	4.61	3.12	5.93	1.03	37.49
"	2 Mickleden	17.05	18.32	9.58	5.92	5.47	5.75	9.98	9.98	12.87	9.08	15.85	4.53	124.38
"	3 Kendal (Holmcroft)	6.99	7.60	2.93	1.91	2.02	3.91	4.22	4.52	3.73	3.06	7.53	1.41	49.83

Table XX.—(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	3 Newport W.W. (Nantypriidd)	7.85	3.31	.46	2.88	2.30	2.65	3.07	4.77	1.07	4.01	9.42	.42	42.21
"	3 Abergavenny (The Chain)	6.78	2.61	.54	2.33	2.51	2.48	2.39	2.47	.68	3.36	10.00	.53	36.68
Glamorgan	3 Swansea (Victoria Park)	8.12	5.28	.94	2.65	3.00	2.42	2.62	5.43	1.75	4.13	10.55	.89	47.78
"	5 Bridgend (Highmead)	6.95	4.08	1.05	2.19	2.86	1.99	3.39	4.30	2.63	3.72	8.86	.31	42.43
"	6 Treherbert (Tyn-y-waun)	16.16	9.30	2.81	4.65	5.44	3.54	4.73	9.42	3.77	8.80	18.58	.53	87.63
"	7 Cardiff (Roath Park)	7.11	3.31	.59	2.42	2.27	1.78	2.22	4.18	1.74	4.19	8.87	.31	38.99
Cardiff	2 Carmarthen (The Friary)	7.38	3.87	.94	2.36	2.64	1.91	3.23	4.70	1.07	3.72	11.07	.60	43.49
"	2 Llanwrda (Dolauciothy)	8.03	5.66	1.89	3.77	3.87	3.14	6.81	6.12	2.83	4.87	11.56	1.94	60.49
Pembroke	4 Saundersfoot (Hean Castle)	6.23	4.21	.65	1.64	2.09	2.12	4.13	2.94	1.20	3.21	9.41	.90	38.73
"	4 Haverfordwest (Grammar School)	7.97	5.32	.72	2.26	2.30	2.44	5.61	3.70	1.62	3.72	11.94	.88	48.48
"	4 Fishguard (Langton, Dwrbach) ..	6.23	4.26	.93	2.71	2.22	2.05	4.60	4.17	1.81	3.63	9.54	1.01	43.16
Cardigan	2 Aberystwyth (Gogerddan)	4.63	4.01	1.60	1.99	2.64	2.54	6.04	5.52	3.48	4.01	8.71	1.89	47.06
"	3 Cardigan (County School)	4.91	2.78	.63	1.67	1.94	2.16	3.08	4.35	1.87	4.72	8.25	1.06	37.42
"	3 Lampeter (Falcondale)	6.11	3.83	1.24	2.16	2.64	2.59	6.10	5.45	2.72	3.95	9.58	1.48	47.85
Brecon	7 Swansea W.W. (Cray Res.) No. 1	12.50	6.16	1.41	4.42	4.15	3.27	4.60	6.07	2.98	6.58	14.29	.49	66.92
"	8 Birmingham W.W. (Cors-yr-hwch)	11.10	6.86	3.62	4.77	5.35	4.45	9.30	9.20	6.12	7.55	12.85	3.02	84.19
Radnor	1 Llandrindod Wells (Kimberley) ..	4.67	3.14	.91	3.05	2.21	2.47	5.44	4.13	2.32	4.39	9.10	1.06	42.89
Montgomery	4 Newtown (Penarth Weir)	4.39	1.80	1.20	2.51	2.45	1.60	4.85	3.02	2.01	3.69	7.58	1.27	36.37
"	5 Garthbibio (Bwlch Tomlyd)	9.00	8.50	4.60	3.00	7.70	4.80	7.80	6.00	5.10	12.00	14.30	1.40	84.20
"	5 Llandysilio Rectory	3.34	1.61	.62	1.32	2.96	1.14	2.53	2.83	2.01	3.09	5.17	.83	27.45
"	5 Lake Vyrnwy	8.77	6.18	2.21	3.18	4.29	2.43	6.36	5.77	4.09	6.34	9.84	1.03	60.49
Flint	2 Rhyl Sewage Works	1.88	1.55	.50	.82	2.64	1.00	3.74	2.91	4.71	2.66	3.10	1.13	26.64
Denbigh	1 Wrexham (Packsaddle Res.)	3.62	2.38	.79	1.29	3.24	1.75	3.25	2.66	2.78	2.89	5.83	1.15	31.63
"	2 Gyffylliog (Fachlwyd Hall)	4.41	1.98	1.34	1.87	2.72	1.62	5.73	3.04	4.05	3.65	5.76	1.21	37.38
"	3 Pentre Foelas (Voelas Hall)	7.73	4.22	2.14	2.76	4.12	3.23	5.85	5.00	4.05	5.82	8.53	1.31	54.76
Merioneth	4 Dolgelly (Bryntirion)	6.39	5.11	2.93	2.60	3.47	4.53	7.24	5.75	3.37	4.97	8.80	2.38	57.54
"	4 Trawsfynydd Camp	9.49	6.87	3.18	3.20	3.87	4.91	6.54	5.74	3.00	5.75	9.16	1.86	63.57
Carnarvon	2 Llandudno	2.65	1.47	.66	.81	1.99	1.47	3.49	3.52	2.60	3.23	4.21	.96	27.06
"	3 Bethesda (Penrhyn Quarries)	7.91	4.66	2.09	3.41	4.71	5.12	5.53	4.95	3.34	4.82	9.09	2.33	57.96
"	4 Abersoch	5.53	4.29	.62	1.65	2.84	2.96	3.48	5.05	2.53	3.98	8.50	1.07	42.50
"	5 Snowdon (Cwm Dyli)	16.04	15.15	6.01	6.81	9.29	7.77	11.47	10.45	6.95	9.50	16.57	2.92	118.93

Table XX. -- (con.) **MONMOUTH AND WALES** -- (con.)

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Anglesey	Holyhead (Salt Island)	in. 3.21	in. 2.83	in. .47	in. 1.66	in. 2.18	in. 1.38	in. 2.56	in. 3.22	in. 1.54	in. 3.43	in. 7.14	in. .81	in. 30.43
"	Llanerchymedd (Llwydiarth Esgb)	3.81	3.45	.80	1.79	3.48	2.25	3.19	2.97	1.91	4.91	6.92	1.23	36.71
ISLE OF MAN.														
Isle of Man	Douglas (Borough Cemetery)	5.35	5.23	1.42	1.54	2.72	2.20	2.98	3.68	2.82	3.93	5.63	1.24	38.74
"	Ramsey (North Promenade)	7.38	4.22	1.39	2.07	2.40	2.24	2.47	3.97	1.93	3.85	6.60	.91	39.43
CHANNEL ISLANDS.														
Jersey	St. Aubins (Belle Vue)	3.88	2.41	1.29	3.71	2.54	3.83	1.60	1.74	.42	3.39	6.83	1.13	32.77
Guernsey	St. Martin's (Les Blanchés)	5.16	2.71	1.23	4.69	2.56	3.66	1.22	1.63	.42	3.45	7.85	1.45	36.03
Sark	Pointe Robert	4.78	2.88	.94	3.58	2.28	2.95	.92	1.55	.41	2.56	7.86	.80	31.51
Alderney	St. Anne (Grosnez House)	4.52	2.24	1.08	3.54	2.49	3.09	1.52	.84	.40	4.64	9.01	1.13	34.50
SCOTLAND.														
Wigtownshire ..	3 Stoneykirk (Ardwell House)	4.50	4.19	1.76	1.50	2.69	1.59	3.16	3.62	2.56	4.76	6.20	1.86	38.39
" ..	4 Whithorn (Glasserton)	4.86	5.58	1.84	1.55	2.50	2.55	3.70	3.91	3.56	4.55	6.03	1.63	42.26
" ..	4 Kirkcovan (Craighlaw)	7.65	6.52	3.25	2.01	3.05	2.36	3.50	3.91	3.62	6.37	6.96	2.40	51.60
Kirkcudbrightshire ..	3 Dalry (Glendaroch)	9.93	6.98	4.05	2.62	3.20	2.67	2.82	5.75	3.84	5.12	9.07	1.84	57.89
" ..	4 Dalbeattie (Kirkennan)	7.07	6.56	2.78	3.19	2.13	3.73	3.99	4.13	4.18	3.80	8.07	1.25	50.88
Dumfriesshire ..	3 Moniaive (Maxwellton House)	7.68	4.88	1.96	2.28	3.64	3.68	3.00	4.80	3.48	4.40	7.92	1.37	49.09
" ..	4 Dalton (Kirkwood)	6.16	6.73	2.11	3.71	4.02	3.56	5.03	5.62	5.12	4.47	5.96	1.07	53.56
" ..	5 Langholm (Ewes, Sandyhaugh) ..	8.13	6.95	3.41	4.89	3.72	4.27	5.32	6.18	5.60	5.32	9.62	1.48	64.89
Roxburghshire ..	3 Jedburgh (Jedneuk)	2.32	2.16	.93	2.21	2.23	3.02	2.53	3.38	3.96	3.33	2.38	.51	28.96
Selkirkshire	2 Ettrick Manse	9.84	6.38	3.22	4.09	4.28	5.45	4.73	5.55	4.07	5.82	9.17	1.67	64.27
" ..	4 Caddonfoot (Fairnielee)	3.89	3.65	1.64	2.37	3.07	3.44	2.35	3.08	4.02	3.87	5.62	.64	37.64
Peeblesshire	2 Stobo Castle	5.31	3.39	3.08	2.30	3.58	3.46	2.26	3.31	4.06	4.95	5.29	1.31	42.22
Berwickshire ...	2 Earnsclough Burn (Blythe Rig) ..	3.81	3.84	1.73	2.33	3.58	4.57	3.35	2.77	4.20	5.16	5.77	.85	41.96
" ..	4 Marchmont House	3.16	4.62	1.58	3.30	1.95	3.83	3.50	3.04	4.55	4.54	3.94	.61	38.62
Haddingtonshire ..	5 North Berwick Reservoir	2.61	2.42	1.17	1.66	2.25	2.86	3.61	1.95	4.25	3.65	2.69	.38	29.50
Midlothianshire ..	5 Pentland Hills (Harperrig)	4.61	3.80	2.46	2.07	3.67	4.64	3.38	2.85	3.79	4.88	5.87	1.25	43.27

Table XX.—(con.) SCOTLAND—(con.)

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Midlothianshire ..	Edinburgh (Royal Observatory) ..	in. 2.67	in. 3.01	in. 1.57	in. 1.55	in. 3.33	in. 2.95	in. 2.76	in. 1.95	in. 4.11	in. 3.35	in. 3.05	in. .62	in. 30.92
Lanarkshire	Caldercruix (Hillend Reservoir) ..	4.59	4.33	2.77	2.18	3.53	3.15	4.52	3.16	4.53	5.03	5.96	1.73	45.48
" ..	Leadhills	13.63	7.09	4.63	3.58	6.59	5.53	5.59	5.90	5.58	6.23	9.25	2.79	76.39
" ..	Strathaven (East Overton Ho.) ..	4.79	4.63	4.05	2.24	3.20	2.56	3.68	4.13	4.15	5.35	6.54	2.02	47.34
Ayrshire	Dalry (Munnoch Reservoir)	6.59	6.65	2.31	2.18	3.50	3.30	3.67	4.98	4.03	7.35	6.28	2.48	53.32
" ..	Maybole (Culzean Castle Gardens)	3.91	3.21	2.72	1.81	2.26	1.57	2.93	3.15	4.57	5.01	3.73	2.32	37.19
" ..	Colmonell (Knockdolian)	7.29	3.76	2.03	1.97	2.53	2.23	3.91	3.95	4.61	5.40	5.90	2.11	45.69
" ..	Glen Afton (Ayr Sanatorium) ..	8.33	4.54	5.09	2.92	3.45	3.28	4.30	4.82	4.64	5.94	7.17	2.48	56.96
Renfrewshire ..	Houston Manse	7.63	6.10	5.03	2.53	3.37	2.53	3.00	3.71	3.52	8.69	7.01	2.49	55.61
Dumbartonshire	Cardross (Kilmahew)	7.16	5.54	3.35	2.30	3.57	3.32	1.92	3.98	3.63	7.33	7.35	2.88	52.33
Stirlingshire	Falkirk (Westbank Garden)	4.99	4.10	3.01	1.89	2.83	2.18	4.20	2.57	3.76	5.56	5.99	1.04	42.12
Buteshire	Rothsay (Ardencraig)	7.40	6.45	4.98	2.84	3.01	3.08	3.50	5.23	4.32	9.16	6.87	4.13	60.97
" ..	Arran (Dougarie Lodge)	7.53	4.95	3.31	2.42	3.59	2.72	3.45	4.57	3.29	6.80	7.32	2.63	52.58
Argyllshire	Loch Sunart (Glenborrodale)	10.02	5.56	5.95	2.60	4.54	3.40	4.36	6.36	4.80	7.80	7.64	8.58	71.61
" ..	Morvern (Kingairloch)	19.41	10.59	9.28	5.15	5.56	4.03	5.41	10.95	8.51	9.12	10.87	9.31	108.19
" ..	Glen Etive	17.15	9.52	12.05	3.88	5.25	6.79	7.27	10.18	9.13	7.48	10.85	10.14	109.69
" ..	Loch Awe (Ford)	9.80	7.48	6.70	3.01	3.48	5.21	5.61	8.01	6.45	9.25	7.86	7.72	80.58
" ..	Dalmally (Manse of Glenorchy) ..	13.69	6.66	9.75	2.72	4.12	4.74	6.40	7.95	6.90	8.89	9.78	10.84	92.44
" ..	Oban	7.72	4.91	4.98	3.18	2.79	3.08	3.73	5.05	6.05	7.01	6.95	4.12	59.57
" ..	Muasdale (Killeen Manse)	5.43	3.98	2.41	2.20	2.10	1.83	3.24	4.35	3.20	5.53	6.85	2.30	43.42
" ..	Skipness Castle	8.16	5.53	3.79	2.54	2.41	2.77	3.12	4.93	4.02	8.16	7.11	4.03	56.57
" ..	Ardishaig (Canal Office)	8.81	7.22	6.72	3.01	3.53	2.94	5.13	6.71	5.37	10.55	7.08	6.05	73.12
" ..	Ardkinglas	13.25	7.05	8.12	3.11	3.98	5.58	4.06	7.92	5.88	10.55	11.10	5.79	86.39
" ..	Loch Eck (Benmore)	15.25	10.51	9.48	3.88	4.79	5.15	5.37	7.40	6.65	12.86	11.93	7.39	100.66
" ..	Islay (Eallabus)	8.41	5.72	4.11	2.57	3.48	3.30	3.65	5.21	4.60	8.43	10.21	4.41	64.10
" ..	Jura (Ardfin)	8.27	7.49	4.90	3.64	4.46	3.26	4.91	5.73	5.27	9.09	9.39	5.10	71.51
" ..	Mull (Iona Manse)	6.24	4.13	4.14	2.17	3.31	2.22	3.17	3.42	4.86	6.81	5.37	4.05	49.89</

Table XX.—(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.
Pertshire.....	3 Glengyle	17.60	9.95	8.80	4.00	5.30	5.40	4.65	8.10	6.20	10.40	14.20	5.40	100.00
"	4 Glendevon (Tormaukin)	9.73	7.90	4.50	3.17	3.88	4.02	4.66	4.66	4.76	5.71	9.07	1.35	63.41
"	7 Locheavonhead (Edenchip)	15.73	7.79	6.63	3.62	4.79	5.93	3.49	4.80	4.63	7.46	11.89	3.32	80.08
"	7 Crief (Strathearn Hydro)	7.71	6.87	1.82	2.67	3.41	2.62	2.49	2.81	3.44	6.74	8.47	.59	49.64
"	11 Aberfeldy (Dall Avon)	6.98	4.65	2.40	1.84	2.58	4.38	2.76	1.87	2.88	6.47	7.69	1.07	45.50
"	14 Loch Rannoch (Dall)	8.09	4.63	4.56	2.26	2.63	5.13	2.54	2.76	2.80	7.85	8.25	2.39	52.06
"	14 Glen Bruar (Bruar Lodge)	6.15	4.73	3.18	2.86	4.13	3.82	2.52	4.09	3.25	6.24	7.50	2.20	50.67
"	15 Coupar Angus (Public School) ..	4.81	4.27	.96	1.99	2.19	2.60	2.79	2.63	4.03	4.97	4.99	1.86	38.09
"	15 Kirkmichael (Ballintuin Ho.)	7.18	5.92	1.65	2.48	2.96	3.67	2.24	2.26	3.59	5.08	9.09	1.09	47.21
Forfarshire	3 Arbroath (W. Cemetery)	3.86	4.41	.58	1.87	1.89	2.56	2.52	1.88	4.20	4.51	3.58	.23	32.09
"	3 Glen Prosen (Pearse House)	7.36	6.71	1.70	2.75	3.18	4.01	2.03	2.54	3.77	5.38	6.30	.71	46.44
Kincardineshire	1 Marykirk (Balmakewan)	4.93	5.16	.56	2.15	2.51	2.73	2.58	2.02	3.93	5.64	5.93	.27	38.41
"	3 Strachan (Bridge of Dye)	6.93	6.24	1.26	4.33	2.88	5.76	2.31	2.76	4.71	6.52	9.02	.84	53.56
Aberdeenshire ..	1 Braemar (Derry Lodge)	5.55	2.03	2.29	2.35	2.44	2.41	1.76	2.47	2.84	6.35	5.09	1.25	36.83
"	1 Ballater (Irrigation Farm)	4.06	1.69	1.01	2.74	1.69	3.59	1.82	.99	2.84	5.57	5.12	.77	31.89
"	2 Aberdeen (King's College)	3.24	3.49	.99	2.44	1.53	1.61	2.40	1.32	4.58	5.21	4.23	.95	31.99
"	2 Strathdon (Estate Office)	2.78	1.73	1.64	2.86	2.63	3.30	2.31	1.86	2.55	5.32	3.97	1.40	32.35
"	3 Haddo House	3.21	3.17	1.19	3.01	1.79	1.85	2.64	2.51	4.38	5.85	3.72	1.54	34.86
"	4 Peterhead (Forehill Works)	3.90	3.19	1.42	1.75	1.80	1.64	2.32	2.62	4.31	6.14	3.41	2.05	34.55
"	5 Huntly (Cruchie)	2.39	1.89	1.00	2.35	3.54	4.52	2.06	2.15	3.99	5.17	3.10	1.85	34.01
Banffshire	2 Turriff (Forglen Gardens)	2.58	2.06	1.75	2.10	3.17	1.96	2.26	1.90	4.06	5.68	2.92	1.95	32.39
Morayshire	2 Gordon Castle	1.76	1.42	1.37	2.12	2.54	2.78	1.74	1.63	2.59	4.13	2.78	1.82	26.68
"	3 Gairn-on-Spey	1.64	.87	1.84	3.30	2.24	2.44	2.63	2.24	2.77	5.06	2.63	1.60	29.26
"	3 Abergour (Wester Elchies)	1.82	.88	1.71	3.04	3.05	3.35	2.28	1.99	2.90	4.64	3.05	1.58	30.29
Nairnshire	2 Nairn (Acharaidh)	1.89	1.27	2.15	1.58	2.41	2.74	1.77	1.47	2.55	3.25	2.41	1.58	25.07
Inverness-shire..	3 Cluny Castle	3.63	2.25	4.54	2.39	2.20	1.79	4.15	2.99	3.87	6.35	4.93	3.31	42.40
"	3 Alvie Manse	2.64	1.83	2.53	2.92	2.46	2.31	2.38	1.60	3.00	5.00	3.50	1.80	31.67
"	6 Loch Ness (Foyers)	4.81	2.88	4.81	1.99	2.29	1.91	2.38	2.29	3.68	3.72	4.15	2.78	37.69
"	7 Invergarry Gardens	10.28	5.04	6.96	2.66	3.05	2.19	2.75	3.80	6.47	5.09	7.30	3.48	59.07
"	12 Loch Nevis (Inveric (Glns.))	11.30	6.84	9.66	3.99	4.54	3.54	5.79	7.81	9.79	8.11	9.05	7.42	89.84
"	13 Arisaig House	7.11	4.56	6.33	2.62	3.74	4.40	4.05	5.26	7.40	6.92	6.31	7.71	66.22
"	17 Glenleven (Corrour Station)	13.18	7.01	8.41	3.74	3.95	2.60	5.00	5.04	6.82	6.93	11.08	4.37	78.13

Table XX.—(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.
Inverness-shire	Fort William	12·25	6·80	11·12	4·49	3·08	3·29	5·12	7·25	8·05	5·70	8·73	6·29	82·17
"	Hysler	7·14	4·38	2·79	1·14	4·04	1·27	2·02	4·15	4·19	4·78	5·24	2·46	43·60
"	Skye (Kyleakin, Duuringell)	10·67	5·22	7·25	3·17	4·02	2·27	3·07	6·29	9·07	4·78	7·25	4·31	68·99
"	Skye (Portree)	11·28	6·55	7·32	3·46	4·94	2·54	3·55	5·11	8·53	8·54	9·05	5·85	76·72
"	Skye (Dunvegan)	11·04	5·11	5·05	3·18	3·56	1·91	3·07	5·81	7·81	6·52	6·82	5·83	65·71
"	Barra (Castle Bay)	4·26	2·62	1·50	1·42	1·83	1·20	1·87	3·04	3·43	5·74	4·44	1·66	33·01
Ross & Cromarty	Achnasheen (Ledgowan)	7·59	4·49	11·30	3·37	2·99	3·71	3·18	4·71	6·70	7·03	6·25	10·11	71·43
"	Strathpeffer	3·01	2·31	4·02	1·60	2·13	2·07	2·57	1·87	2·48	4·87	3·77	3·59	34·29
"	Aliness (Ardross Castle)	3·18	3·19	4·38	3·27	2·96	3·16	1·92	2·01	2·60	6·76	5·33	2·78	41·54
"	Braemore (Loch a' Bhraoin)	7·50	3·39	7·04	3·75	2·91	2·97	2·85	4·73	5·73	7·92	7·66	10·48	66·93
"	Ullapool	4·26	3·01	7·44	2·35	1·89	2·26	2·83	2·93	5·95	5·55	4·40	5·26	48·13
"	Loch Torridon (Bendamp)	13·39	6·28	9·54	4·47	5·04	3·35	5·87	4·94	7·05	9·58	8·40	6·35	84·26
"	Stornoway (Leurbost School)	5·29	3·38	3·31	1·63	2·69	1·37	2·42	4·11	5·97	4·13	5·28	4·42	44·00
"	Stornoway	5·47	3·23	4·34	2·32	3·45	2·05	1·86	4·06	6·62	5·75	5·04	5·27	49·46
Sutherlandshire	Lairg	2·92	2·35	5·90	2·41	2·87	2·66	2·06	2·61	2·98	4·61	4·15	5·71	41·23
"	Golspie (Technical School)	3·11	3·46	5·05	2·12	3·10	1·95	1·42	2·87	2·77	4·65	3·42	3·34	37·26
"	Helmsdale Station	2·72	2·96	2·95	2·56	1·32	1·99	1·18	1·69	2·58	4·28	3·02	2·63	29·88
"	Tongue Manse	2·67	2·33	3·81	1·91	2·08	3·36	2·32	2·55	3·50	7·14	3·04	4·67	39·38
"	Melvich Schoolhouse	1·78	1·89	3·42	1·72	2·62	1·81	1·65	3·05	3·15	6·71	2·67	4·20	34·67
"	Loch More (Achtary)	6·95	3·57	14·75	3·66	3·33	3·65	3·00	8·94	8·27	10·18	7·06	16·12	89·48
Caithness-shire	Wick	2·22	2·10	2·78	2·71	1·89	1·54	1·56	2·02	3·00	6·24	2·45	3·53	32·04
"	Altnabreac	3·50	2·55	2·02	3·53	3·36	2·54	1·85	2·01	2·46	6·34	4·08	3·69	37·93
"	Thurso (Buckies)	2·66	2·52	3·76	2·29	2·63	2·29	1·87	2·01	3·80	6·88	3·15	5·36	39·33
Orkney	Pomona (Deerness)	3·20	2·00	5·35	3·80	1·65	2·21	1·63	2·95	4·76	8·62	3·87	5·46	45·48
Shetland	Lerwick Observatory	5·22	4·62	6·09	1·68	2·19	1·41	1·12	3·74	4·85	2·68	4·81	4·61	43·02

IRELAND.

Co. Cork	Garinish Island	13·95	10·14	3·66	5·26	4·48	4·66	3·39	4·47	1·71	6·30	11·35	·70	70·07
"	Toormore (Altar Rectory)	8·80	7·18	2·32	2·74	3·69	4·31	1·80	2·86	1·09	3·89	5·71	·78	44·67
"	Castletownshend (Seafeld)	8·33	5·92	1·98	4·25	3·52	2·08	2·37	·89	·89	4·18	5·92	·51	42·35

Table XX.—(con.) IRELAND—(con.)

County and River Division.	Station.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Co. Cork	Dunmanway (The Rectory).....	11.17	7.44	2.78	3.12	4.30	4.23	3.75	3.34	1.26	4.94	8.36	in.	55.06
"	Cork (University College).....	9.18	4.74	1.50	3.04	2.87	2.28	1.67	2.50	2.57	2.54	5.20	in.	37.84
"	Midleton (Balinacurra).....	7.59	3.59	2.17	2.37	2.28	2.73	3.23	2.57	5.2	2.54	5.27	in.	35.25
"	Mallow (Longueville).....	7.94	3.51	1.61	2.19	2.71	2.01	4.33	2.88	1.33	2.60	5.96	in.	37.71
"	Kanturk (Castletor).....	6.25	3.81	1.55	2.24	2.91	3.01	4.62	2.82	1.52	2.45	4.96	in.	36.78
Co. Kerry	Cahirveen (Valentia Obs.).....	10.42	4.92	2.37	3.08	4.27	4.50	1.88	4.37	2.31	3.57	7.98	in.	51.11
"	Killarney (District Asylum).....	9.45	4.88	2.12	3.65	3.59	3.92	2.57	3.39	2.34	2.96	7.25	in.	47.67
"	Killorglin (Callinacree).....	8.61	3.26	2.24	3.24	3.51	5.69	2.48	3.99	3.63	3.81	7.64	in.	50.03
"	Darrynane Abbey.....	9.29	5.28	2.28	2.59	4.34	4.15	2.24	2.89	1.91	4.07	7.64	in.	48.46
"	Kenmare (Dromore Castle).....	11.34	7.78	3.46	4.08	4.20	5.93	2.84	3.55	3.01	5.48	9.45	in.	54.62
Co. Waterford	Waterford (Brook Lodge).....	8.41	2.95	1.04	2.29	2.50	2.09	3.60	2.47	93	2.71	5.61	in.	90.35
"	Carrick-on-Suir (Seskin).....	10.15	4.69	1.54	3.15	3.09	2.49	2.67	4.13	95	2.34	6.06	in.	84.42
Co. Tipperary	Nenagh (Traverston).....	7.75	4.18	2.16	2.80	2.35	3.13	3.78	3.94	1.20	3.84	5.25	in.	86.41
"	Nenagh (Castle Lough).....	7.34	3.99	2.16	2.63	2.44	2.75	4.81	3.31	2.10	2.65	5.74	in.	88.40
"	Clonmel (Coolgreany).....	9.00	3.69	1.64	3.40	3.12	2.36	2.22	3.37	1.01	2.38	4.64	in.	92.37
"	Cashel (Ballinamona).....	7.31	3.30	1.78	2.29	1.95	2.45	2.11	2.46	1.14	2.21	3.34	in.	79.32
"	Roscrea (Timoney Park).....	6.13	2.25	1.10	2.16	2.51	2.22	3.00	4.09	1.36	2.39	4.19	in.	32.83
Co. Limerick	Abbeyfeale (Springmount School).....	6.20	3.43	1.30	2.99	3.57	5.22	3.47	3.28	2.67	3.37	6.25	in.	37.44
"	Knocklong (Kilfrush).....	6.02	3.04	1.56	2.98	1.76	2.48	3.20	4.83	1.60	2.11	4.59	in.	37.35
"	Foynes (National School).....	5.26	3.32	1.82	2.67	3.36	3.73	2.29	2.44	2.65	3.26	4.96	in.	36.91
"	Limerick (O'Connell Street).....	5.25	3.08	1.30	2.57	2.60	3.18	2.69	3.14	1.78	2.89	3.76	in.	33.26
Co. Clare	Inagh (Mount Callan).....	8.40	5.55	2.57	4.01	4.40	6.33	3.64	5.00	5.85	5.70	9.77	in.	63.57
"	Dromoland Castle.....	5.68	3.43	1.48	2.98	4.34	3.69	3.02	2.81	2.73	3.19	6.21	in.	40.52
"	Tuamgraney (Raheen Ho.).....	8.69	4.50	2.26	3.50	3.43	3.77	5.73	4.90	2.42	3.62	6.04	in.	50.07
Co. Wexford	Foulkesmill (Longraigue).....	9.31	3.81	1.17	2.76	2.05	2.40	3.16	3.80	1.62	3.39	6.53	in.	40.97
"	Johnstown Castle.....	8.17	3.70	.67	2.63	2.08	2.92	3.07	3.40	1.51	4.40	6.24	in.	82.39
"	Enniscorthy (Woodbrook).....	13.26	4.70	1.56	3.64	3.38	3.06	3.68	4.12	1.24	3.52	7.83	in.	51.12
"	Gorey (Courtown House).....	8.24	3.05	.63	1.86	2.91	2.70	3.84	2.34	1.03	4.39	5.36	in.	73.37
Co. Kilkenny	Kilkenny Castle.....	7.40	2.84	1.22	1.92	2.33	2.17	2.96	3.71	.79	2.20	4.20	in.	86.32
Co. Wicklow	Rathdrum (Avondale).....	10.30	2.86	1.32	1.14	3.36	2.67	2.32	3.75	1.45	3.30	6.26	in.	73.39
"	Greystones (Rathdown).....	8.13	2.60	.70	1.83	2.04	2.30	3.23	2.49	1.34	2.81	4.65	in.	53.32
Co. Carlow	Carlow (Browne's Hill).....	7.00	2.36	.89	2.27	1.82	2.94	2.79	2.90	1.07	2.21	4.70	in.	31.99

Table XX. — (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	3 Hackestown Rectory	7.91	2.67	1.77	1.95	2.18	2.89	2.80	3.49	1.58	3.06	5.62	1.41	36.33
Queen's County	3 Abbey Leix (Blandsfort)	7.13	2.66	.97	2.16	2.99	3.13	3.05	3.08	1.29	2.24	4.77	1.19	34.66
"	3 Mountmellick (Summer Grove)	7.69	3.12	1.73	2.21	2.66	3.07	2.55	2.89	1.60	2.69	4.39	.97	35.57
King's County	1 Birr Castle	4.55	2.17	1.11	1.87	2.57	2.61	5.00	2.93	2.07	2.19	3.34	.98	31.39
Co. Kildare	2 Straffan House	3.87	2.11	1.06	1.99	2.48	2.40	2.31	2.42	1.95	2.42	3.17	.96	27.14
Co. Dublin	2 Howth Castle	4.04	2.04	.91	1.15	1.73	2.21	2.31	2.05	1.51	2.74	3.63	.68	25.00
"	3 Balbriggan (Ardgillan)	3.93	2.73	.94	1.71	1.79	2.30	2.86	3.79	1.76	2.28	3.96	.71	28.43
Co. Meath	2 Dunboyne (Stirling, Clonee)	3.78	2.75	1.26	2.15	2.61	2.81	3.12	2.15	2.08	3.58	3.96	.90	31.15
"	4 Summerhill House	4.05	2.45	1.18	1.85	2.56	3.31	2.70	4.78	2.41	2.69	3.81	.91	32.70
"	4 Kells (Headfort)	5.66	2.61	1.54	2.02	2.28	2.70	4.07	5.13	2.24	2.68	3.96	.95	35.84
Co. Westmeath	1 Moate (Coolatore)	5.12	2.76	1.39	1.33	2.04	2.42	4.78	3.24	2.25	3.22	3.46	1.17	33.18
"	1 Mullingar (Belvedere House)	6.21	2.64	1.55	1.66	2.29	3.43	4.68	4.73	2.23	3.40	4.18	1.05	38.05
"	1 Castlepollard (Pakenham Hall)	5.71	2.55	2.04	1.92	2.22	3.17	3.90	6.29	2.73	2.68	3.87	1.15	38.23
Co. Louth	2 Dundalk (Aughneskea Reservoir)	5.92	3.23	1.90	1.70	2.13	3.41	3.93	4.31	1.85	3.47	5.06	1.21	38.12
"	2 Greenore	4.74	3.04	1.59	1.44	1.81	2.59	2.67	4.29	1.98	3.69	4.42	1.09	33.35
Co. Longford	2 Ballymahon (New Castle)	6.46	2.80	1.39	2.45	2.94	3.58	2.54	6.41	2.90	3.05	4.37	1.28	40.17
"	2 Castle Forbes Gardens	6.25	3.04	1.43	2.02	2.61	3.54	2.57	3.34	2.94	2.68	4.61	.94	35.97
Co. Galway	3 Ballynahinch Castle	10.18	6.00	2.01	3.57	5.12	5.90	3.04	6.00	5.02	5.69	11.16	2.56	66.25
"	3 Tuam (Gardenfield)	5.47	3.76	1.22	3.84	3.78	3.64	2.38	2.33	1.80	3.76	4.87	2.14	38.99
"	5 Killimor (Ramore)	4.97	2.80	.85	2.25	2.90	3.46	5.94	4.18	2.59	3.57	5.04	.79	39.34
"	5 Ahascragh (Clonbrock)	4.83	4.05	1.56	2.62	4.72	3.42	3.21	3.66	3.35	4.67	5.82	1.30	43.21
Co. Roscommon	2 Strokestown (Castlenode)	6.52	3.30	1.58	1.76	4.12	3.22	2.05	2.98	2.66	2.61	4.81	.94	36.55
Co. Mayo	4 Castlebar Rectory	7.53	4.59	2.71	3.68	4.35	5.06	1.85	4.46	3.61	5.37	10.49	1.85	55.55
"	4 Westport House	7.38	4.49	2.16	3.03	4.18	4.11	2.31	3.62	3.06	4.94	10.02	1.68	50.98
"	4 Mallarany	9.61	6.91	2.50	3.40	4.47	4.69	4.01	6.02	6.44	7.67	12.86	2.72	71.30
"	4 Asleagh House	16.76	8.91	5.15	5.34	6.55	7.27	3.81	6.66	6.47	8.21	16.90	3.42	95.45
"	6 Ballinrobe (Creagh)	8.60	5.81	1.95	2.48	3.86	4.00	1.64	3.59	3.06	4.47	8.32	.84	48.62
Co. Sligo	2 Collooney (Markree Obsy)	6.05	3.20	2.09	2.65	4.20	3.55	2.59	4.28	3.66	4.00	5.71	2.15	44.13
"	2 Sligo (Ard-na-veagh)	5.99	2.90	1.95	2.38	4.87	3.46	3.43	3.82	3.66	3.75	5.81	2.13	44.15
Co. Cavan	1 Crossdoney (Kevit Castle)	6.56	2.75	1.49	1.69	2.38	2.66	3.59	3.22	2.39	3.19	4.97	.99	35.88
"	1 Belturbet (Cloverhill)	5.22	2.54	1.35	1.85	3.15	3.09	4.12	2.93	2.75	2.77	3.17	1.26	34.20

Table XX.—(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. Fermanagh	1 Enniskillen (Portora School)	6.32	2.67	2.46	2.30	3.45	2.98	2.70	3.84	2.66	3.29	3.41	1.37	37.45
"	1 Belleek (Heronshaw)	5.00	3.39	2.53	2.88	3.25	3.43	3.74	4.17	3.92	4.41	5.67	2.34	44.73
Co. Monaghan	3 Monaghan (Workhouse)	6.91	2.88	2.08	2.21	3.26	2.47	2.84	3.53	2.26	3.15	3.15	1.58	38.32
Co. Armagh	3 Lurgan (Belle Vue)	3.80	2.52	1.29	2.20	1.57	1.58	3.39	3.50	1.93	2.59	3.64	1.84	28.85
"	5 Armagh Observatory	4.90	2.27	1.73	1.82	2.79	2.64	3.13	3.24	1.98	2.84	3.09	1.22	31.65
Co. Down	1 Newry (Bridge Street House)	5.58	3.35	2.09	1.79	2.12	2.14	4.72	4.51	1.49	3.55	5.02	.90	37.26
"	2 Seaforde	7.63	4.31	1.60	2.10	2.50	2.89	2.81	3.56	1.95	3.56	7.18	.94	41.03
"	4 Donaghadee (Coastguard Station) . . .	3.88	2.99	1.07	1.79	2.13	1.64	2.65	3.11	1.85	3.61	4.13	1.04	29.89
Co. Antrim	1 Belfast (Queen's University)	5.35	3.71	1.40	2.31	2.45	2.57	3.51	3.41	2.64	4.31	4.31	1.44	37.41
"	2 Larne (Sallagh Springs)	6.76	5.40	2.40	2.56	3.36	2.82	4.26	5.27	3.57	4.70	6.69	2.35	50.14
"	2 Glenarm Castle	6.84	4.15	2.70	1.76	2.39	2.29	3.77	4.18	3.71	4.60	6.51	2.58	45.48
"	3 Ballycastle (Shesburn)	5.83	2.75	2.65	1.61	3.62	2.07	4.20	3.82	4.91	7.15	4.83	2.86	46.30
"	5 Ballymena (Harryville)	4.98	3.32	2.22	2.05	3.48	2.50	4.94	4.44	3.50	5.10	5.23	2.05	43.81
Co. Londonderry	1 Londonderry (Dunruadh)	5.02	2.60	2.03	2.09	4.81	3.20	3.21	3.40	3.97	5.08	4.93	2.13	42.47
"	5 Glenedra Lodge	10.74	5.09	3.05	2.93	5.14	3.36	4.27	5.66	4.00	5.20	9.02	2.81	61.27
"	5 Limavady (Drenagh)	4.76	2.09	2.16	1.81	3.93	3.14	2.93	3.18	3.34	4.95	5.34	2.06	39.69
Co. Tyrone	2 Donaghmore	6.89	4.27	2.62	1.88	3.21	2.68	5.58	3.76	2.41	3.76	4.52	1.56	43.14
"	3 Omagh (Edenfel)	6.49	3.61	2.10	2.15	4.03	2.83	3.49	4.04	2.43	3.21	3.78	1.75	39.91
"	3 Sion Mills (Sion House)	6.28	3.87	2.46	1.90	4.10	3.13	3.85	4.46	2.78	3.87	4.85	1.72	43.27
Co. Donegal	1 Malin Head	4.98	2.72	1.69	1.14	2.50	2.59	3.17	3.09	4.52	6.24	5.19	1.80	39.63
"	3 Milford (The Manse)	6.36	3.30	2.64	2.00	3.63	3.58	3.21	3.23	4.80	6.14	6.01	2.27	47.17
"	5 Killybegs (Rockmount)	7.07	5.70	4.01	2.84	5.19	3.42	5.26	3.56	6.67	8.27	8.39	3.06	63.44

Table XXI.—*Monthly Rainfall in 1926; 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.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
London	St. Pancras (Camden Square)	142	184	16	204	131	162	87	70	84	84	200	18	111
Kent	Tenterden (Ashenden)	141	144	14	216	222	115	92	106	27	75	236	24	112
"	St. Peter's	88	144	19	203	75	190	87	110	30	120	168	31	104
"	Edenbridge (Falconhurst)	141	137	21	178	72	187	67	73	37	73	184	21	97
Sussex	Compton (Compton House)	200	98	28	152	146	117	92	52	19	63	230	8	97
"	Brighton W.W. (Lewes Road)	162	168	24	214	196	219	99	160	31	72	207	16	123
Hampshire	Ventnor (Royal National Hosp.)	155	120	20	195	115	173	84	68	33	115	240	13	110
"	Fordingbridge (Oaklands)	195	84	30	250	95	157	66	41	44	87	303	11	112
"	Sherborne St. John	180	81	41	187	89	140	70	43	29	82	242	9	97
Hertfordshire	Royston (Therfield Rectory)	160	183	9	200	101	123	131	46	132	88	155	16	107
Buckinghamshire	High Wycombe	177	147	18	192	152	145	124	50	88	83	217	17	112
Oxfordshire	Oxford (Magdalen College)	213	122	40	165	167	117	116	52	80	75	194	22	110
Northamptonshire	Pitford (Sedgebrook)	157	193	31	185	172	93	85	58	102	92	164	23	108
Cambridgeshire	Wisbech (Bank House)	170	127	12	143	152	175	61	47	113	84	143	23	100
Essex	Chelmsford (County Laboratory)	153	177	11	355	73	149	103	41	53	107	191	19	112
Suffolk	Hawkedon Rectory	128	154	13	210	90	134	135	62	71	112	145	35	104
"	Felixstowe (Wireless Tel. Sta.)	124	160	6	225	61	91	97	53	43	102	136	36	91
Norfolk	Beccles (Geldeston)	127	136	17	176	114	175	83	61	23	97	115	34	93
"	Blakeney	209	107	16	192	133	121	94	66	42	109	181	46	107
"	Little Dunham (Dunham Cot.)	186	128	18	131	142	193	58	73	72	59	148	44	100
Wiltshire	Calne (High Street)	188	102	60	160	184	119	112	63	45	108	245	13	114
Dorsetshire	Weymouth (Westham House)	150	79	17	175	81	144	89	36	25	86	325	14	104
South Devonshire	Launceston (Polapit Tamar)	187	102	30	90	55	130	103	65	35	71	215	30	94
"	Ashburton (Druid House)	190	109	31	106	68	189	38	60	43	65	223	9	93
"	Cullompton	190	106	25	99	88	143	45	99	76	70	242	12	98
North Devonshire	Barnstaple (N. Dev. Athenæum)	170	86	20	84	59	98	97	78	94	65	183	22	89
Cornwall	Penzance (Morrah Gardens)	147	77	33	110	99	123	51	66	27	70	140	21	78
"	St. Austell (Trevarna)	178	93	28	104	95	138	31	61	30	67	174	18	84
Somersetshire	Chewton Mendip (The Priory)	167	93	38	125	118	114	179	76	90	127	205	12	110
Gloucestershire	Cirencester	205	95	36	195	188	87	108	67	46	79	241	13	107
Shropshire	Church Stretton (Wolfeaton)	156	108	38	99	140	97	108	78	91	80	227	21	102
Staffordshire	Market Drayton (Old Springs)	118	149	24	79	131	60	79	75	76	65	200	28	88

Table XXI.—*Monthly Rainfall in 1926; 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.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Radnorshire	Birmingham W.W. (Nantgwillt).	130	78	47	89	109	94	156	106	95	92	143	25	94
Montgomeryshire ..	Lake Vyrnwy	155	137	52	106	136	77	185	112	116	111	177	15	112
Flintshire	Northop (Soughton Hall)	113	95	45	50	150	88	260	81	134	69	135	27	102
Merionethshire ..	Doigelly (Bryntirion)	112	115	59	71	105	130	170	102	79	82	142	35	98
Carnarvonshire ..	Llandudno	103	71	30	45	105	72	146	117	114	90	136	31	90
"	Llandwrog (Glynllivon Park) ..	141	119	23	96	126	86	112	123	70	72	170	20	95
Anglesey	Holyhead (Salt Island)	110	116	18	80	111	64	98	101	57	86	173	19	87
Isle of Man	Douglas (Borough Cemetery) ..	160	164	48	63	109	91	97	97	86	87	119	25	94
Wigtownshire	Stoneykirk (Ardwell House) ..	153	160	68	71	107	65	109	97	92	131	156	45	106
Kirkcudbrightshire	Dalry (Glendaroch)	178	138	90	86	102	96	79	120	104	98	152	26	106
"	Auchencalm (Torr House)	177	173	81	100	74	120	120	78	122	79	179	31	109
Dumfriesshire	Dumfries (Crichton Roy. Inst.) ..	199	152	51	86	85	142	120	122	134	84	173	19	112
Roxburghshire	Hawick (Braxholme)	159	142	80	148	109	153	94	116	150	94	131	14	111
Berwickshire	Marchmont House	140	222	60	164	79	166	115	92	189	119	131	22	120
Haddingtonshire ..	North Berwick Reservoir	152	155	62	119	113	172	140	62	203	123	120	18	116
Midlothianshire ..	Edinburgh (Univ. Eng. Lab.) ..	141	189	73	110	157	127	89	66	199	120	140	23	115
Lanarkshire	Biggar	147	134	106	146	154	144	116	87	174	126	151	33	122
"	Caldercruix (Hillend Reservoir) ..	139	159	97	110	142	129	138	80	149	141	189	44	122
Ayrshire	Kilmarnock (Agricultural Coll.) ..	125	156	110	81	120	80	125	90	126	139	132	57	111
"	Girvan (Pinnmore)	168	98	81	84	104	76	114	72	120	125	112	42	100
Renfrewshire	Shaws W.W. (Loch Thom)	177	140	138	77	94	123	77	112	101	162	144	60	119
Argyllshire	Lochgilphead (Potalloch)	152	160	128	76	90	101	99	124	106	194	91	76	118
"	Skipness Castle	172	138	99	83	83	104	93	107	96	183	133	72	116
"	Inveraray Castle Gardens	160	114	180	82	111	107	126	118	121	144	105	69	119
"	Islay (Ellaabus)	180	137	108	90	131	126	107	119	110	177	190	74	131
Kinross-shire	Loch Leven Sluice	162	179	52	115	108	160	166	59	144	146	168	10	118
Perthshire	Loch Dhu	178	142	127	94	121	119	77	100	89	133	148	53	117
"	Crief (Strathearn Hydro)	191	195	57	122	137	99	84	67	120	171	195	13	121
"	Blair Atholl (Blair Castle Gdns.) ..	195	147	97	95	141	124	82	81	111	179	161	44	121
"	Dundee (Eastern Necropolis) ..	245	263	57	122	111	170	116	68	185	193	208	12	140
Forfarshire	Montrose (Sunnyside Asylum) ..	196	229	31	95	94	141	92	85	220	200	165	10	126
"	Balmoral (Castle Gdns.)	152	74	70	140	73	204	77	34	130	163	149	38	106

Table XXI.—*Monthly Rainfall in 1926; 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.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
Aberdeenshire	Logie Goldstone School	107	101	43	142	122	181	61	36	146	170	128	40	103
"	Aberdeen (King's College)	149	170	41	130	66	94	85	48	206	174	143	30	108
"	New Deer Schoolhouse	161	131	58	132	109	114	85	61	161	176	126	52	113
Morayshire	Gordon Castle	87	74	59	121	120	136	54	51	104	131	97	68	90
"	Grantown-on-Spey	68	41	70	167	96	108	86	70	112	170	88	59	94
Nairnshire	Nairn (Deinies)	87	63	111	77	112	126	65	114	140	140	96	75	93
Inverness-shire	Fort Augustus (St. Benedict's)	139	91	186	82	85	92	94	111	175	113	124	57	113
"	Arisaig House	115	92	135	73	108	132	82	91	122	117	92	106	105
"	Fort William	127	90	163	100	77	92	106	118	127	80	107	62	104
Ross and Cromarty	Alness (Ardross Castle)	84	97	134	135	114	140	63	68	89	176	133	67	108
"	Ullapool	93	71	179	76	74	96	89	83	159	114	83	83	100
"	Loch Torridon (Bendamp)	142	80	127	86	111	82	108	75	102	119	91	62	99
"	Stornoway	106	72	106	77	135	88	61	102	168	111	87	84	99
Sutherlandshire	Helmsdale	106	119	125	127	59	105	42	61	104	142	94	84	96
"	Tongue Manse	68	67	113	73	87	164	76	80	111	170	66	94	96
"	Melvich Schoolhouse	54	63	120	74	128	93	59	102	112	183	67	98	96
"	Loch More (Achiary)	95	54	229	75	76	99	56	153	144	130	83	175	118
"	Wick	90	93	123	136	91	86	59	73	120	210	78	115	107
Caithness-shire	Ponona (Deerness)	93	66	190	184	82	120	63	103	164	228	98	130	128
Orkney	Dunmanway (The Rectory)	179	127	57	75	126	121	96	71	31	82	135	5	90
Co. Cork	Glanmire (Lota Lodge) No. 1	218	122	53	86	102	136	67	79	25	69	146	13	93
"	Mallow (Longueville)	203	103	55	90	132	91	173	93	55	72	159	13	101
"	Cahirveen (Valentia Obsy.)	190	95	52	84	135	141	50	91	56	64	146	22	92
"	Killarney (District Asylum)	160	93	45	110	117	135	77	77	65	55	129	21	87
"	Waterford (Brook Lodge)	228	91	38	90	108	78	111	65	34	69	149	19	90
"	Nenagh (Castle Lough)	185	128	70	105	99	112	153	84	75	78	143	19	103
"	Cahir (Abbey)	213	117	62	112	64	81	109	75	35	63	125	18	91
"	Foynes (Coolanans)	140	100	58	111	154	152	86	66	93	93	131	27	97
"	Gorey (Courtown House)	264	109	27	85	131	111	131	70	42	124	154	19	107
"	Kilkenny Castle	231	112	53	88	105	89	105	107	34	70	136	25	98
"	Carlow (Browne's Hill)	234	97	36	97	75	127	91	82	43	68	144	29	94
Queen's County	Ashey Leix (Blandsfort)	217	99	37	83	123	121	97	78	47	64	143	32	95

Table XXI.—*Monthly Rainfall, in 1926; 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.	Year.
		%	%	%	%	%	%	%	%	%	%	%	%	%
King's County	Birr Castle	161	95	46	87	115	113	170	77	90	75	108	30	96
Co. Kildare	Strafan House	151	97	46	101	112	106	82	64	87	85	101	31	87
"	Balbriggan (Ardgillan) No. 1	172	139	47	86	86	114	106	111	86	85	126	25	98
"	Meath (Headfort)	180	97	56	81	84	102	128	124	84	80	116	25	97
"	Westmeath	194	95	57	70	93	132	147	113	84	109	123	29	105
"	Louth (Belvedere)	189	132	69	66	79	105	94	122	85	130	145	33	105
"	Greenore	188	107	48	85	101	137	82	82	102	82	128	24	96
"	Castle Forbes Gardens	164	117	39	101	142	167	73	109	105	95	187	34	109
"	Ballynahinch Castle	124	131	47	103	170	122	92	87	108	128	145	28	104
"	Ahascragh (Clonbrock)	142	81	48	91	131	151	91	97	112	82	137	25	95
"	Blacksod Point	159	114	55	112	147	152	74	89	86	110	205	29	108
"	Westport House	154	91	60	100	150	118	75	98	109	98	137	45	101
"	Collooney (Markree Observatory)	175	97	49	81	126	127	132	79	111	95	102	34	99
"	Belturbet (Cloverhill)	195	102	74	87	117	105	108	89	80	104	109	39	100
"	Armagh Observatory	242	141	55	80	95	105	88	95	71	100	189	23	107
"	Seaford	186	147	54	102	106	103	117	92	103	131	129	39	108
"	Belfast (Queen's University)	134	102	70	78	122	86	144	104	113	138	129	46	106
"	Ballymena (Harryville)	157	89	78	99	205	121	90	88	132	151	121	61	113
"	Londonderry (Greggan Reservoir)	148	73	73	80	171	121	94	83	114	144	144	55	107
"	Limavady (Drenagh)	183	121	67	82	155	100	103	95	80	87	99	41	99
"	Omagh (Edenfel)	170	102	78	78	145	130	97	77	148	153	138	48	112
"	Milford (The Manse)	126	114	79	79	144	90	120	64	145	148	133	42	105
"	Killybegs (Rockmount)													
England	(general mean, *58 stations)	152	128	35	136	122	138	97	79	81	90	182	27	..†
Wales	" " 13 "	144	110	34	81	106	83	141	104	75	79	178	21	..
England and Wales	" " 71 "	151	124	35	126	119	128	105	83	80	87	182	26	..
Scotland	" " 43 "	140	126	103	106	104	121	92	86	136	146	127	57	..
Ireland	" " 35 "	181	108	55	90	121	117	104	88	82	97	137	30	..
British Isles†	" " 150 "	155	121	59	111	115	123	101	85	96	106	155	36	..

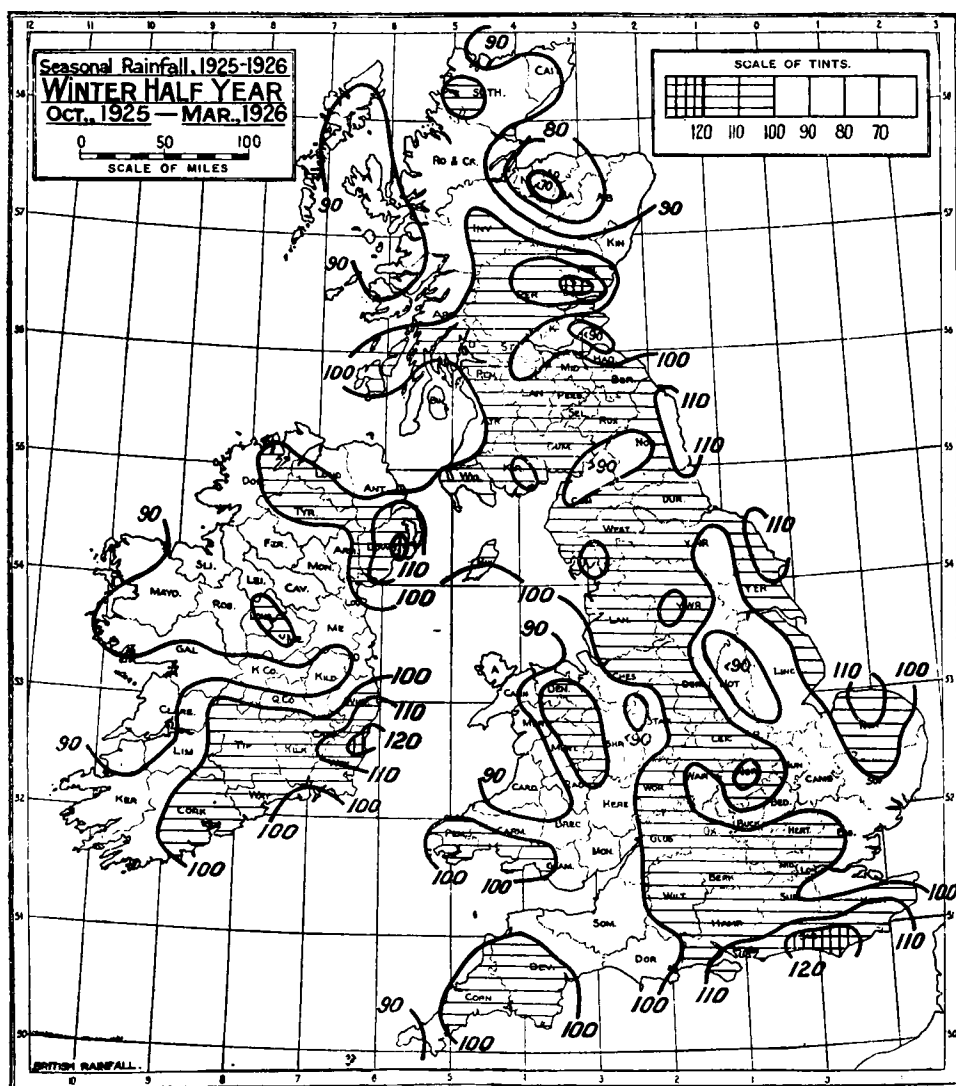
* The "general" values given in the last six rows are obtained by taking the means of the percentage values for the stations.

† Including Isle of Man.

‡ See Table XXIV.

9. SEASONAL RAINFALL, 1925-1926.

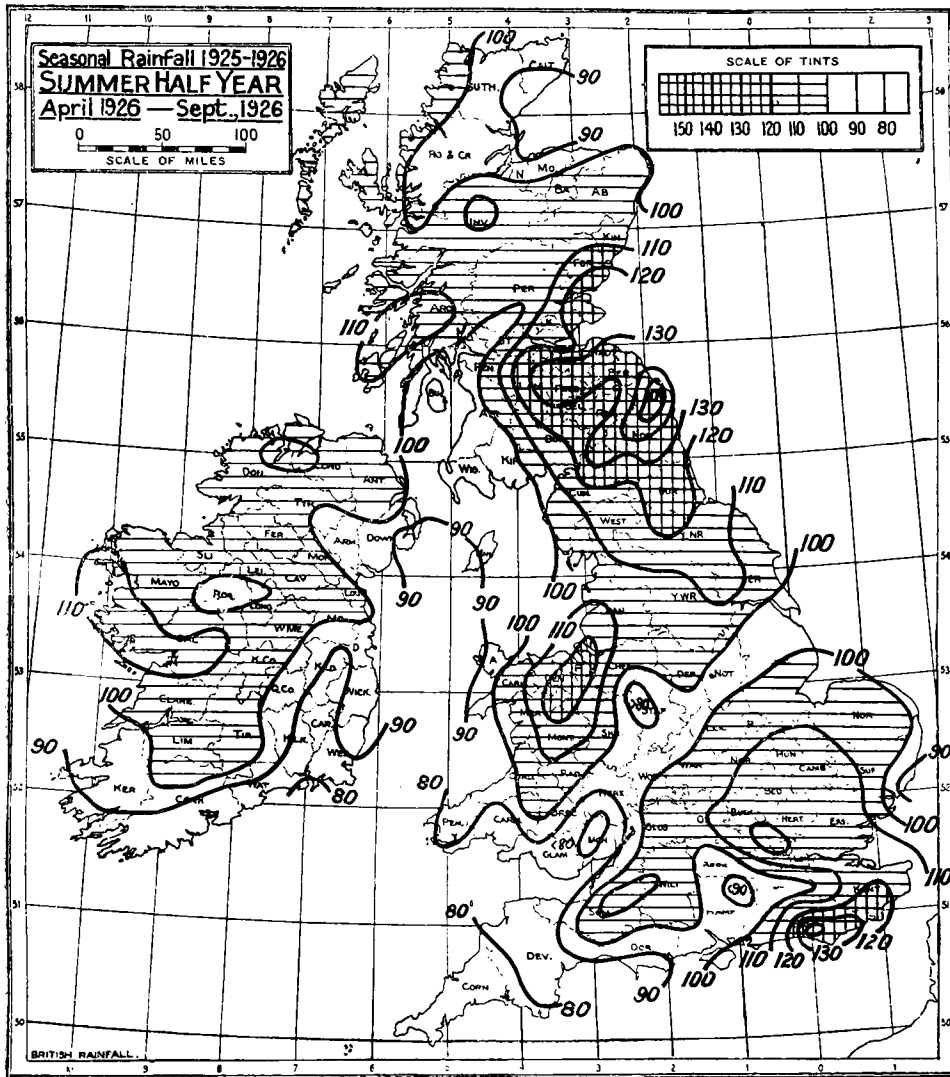
In this section the rainfall statistics deal with the twelve months beginning in the autumn on 1st October, 1925, and ending in the autumn



Rainfall, Winter Half-year, as per cent. of average.

on 30th September, 1926. The data are considered in two parts covering the winter of 1925 to 1926, from October to March, and the

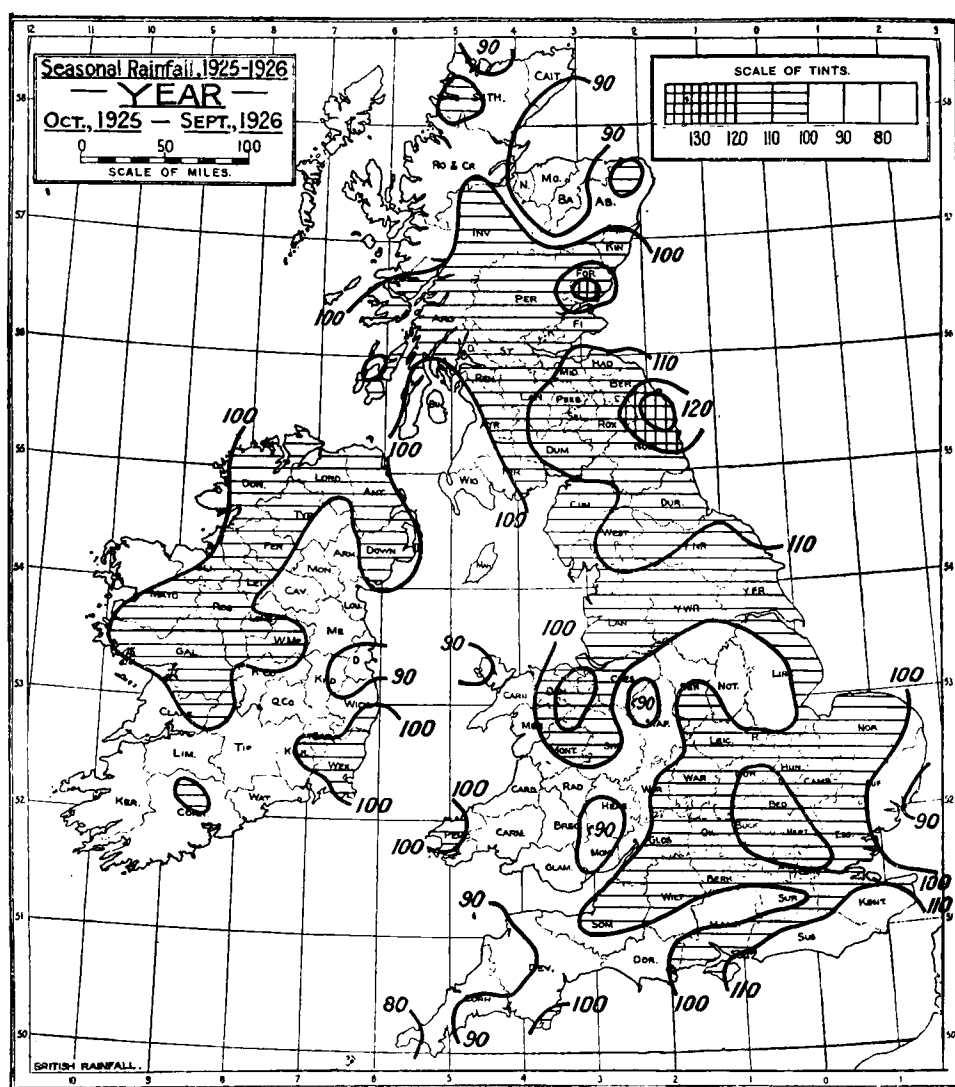
summer of 1926, from April to September. The division of the year in this way is a natural one. In the winter there is little evaporation, the precipitation going to feed streams and being stored underground. In the summer months the bulk of the rain is re-evaporated, and much of the naturally stored water is drawn upon for the upkeep of rivers and for the requirements of vegetable life.



Rainfall, Summer Half-year, as per cent. of average.

Table XXIII contains values of the rainfall for each of these two seasons for each of the stations shown in the section on monthly rainfall. The values are expressed as percentages of the average fall

for the season and the station. The table gives in the fourth column the corresponding percentages for each station for the whole of the seasonal year, October, 1925, to September, 1926. These last figures are not always the mean of the percentages for the two seasons, but



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

The area along the south-east coast of England should be shaded. The fall exceeded 130 per cent. in the neighbourhood of Brighton.

often show a bias towards the winter value rather than that of the summer. This is due to the fact that the average rainfall for winter is, in general, greater than that for summer. In any comparison of

the percentages for summer and winter this must be kept in mind. The percentage values are also shown cartographically on the three maps which are here reproduced. At the foot of the table, general values of the percentages are given for each of the countries, and most of these general values are entered also in the bottom row of Table XXII, which sets out the variations in the general values from year to year.

For the British Isles as a whole, the seasonal year was one per cent. wetter than the average, the fall of the winter being slightly below and the summer slightly above average. For England alone, the excess of four per cent. was shared nearly equally between the two seasons, while the deficiency of four per cent. for Wales was also shared. In Scotland the winter was rather below and the summer rather above average, and the general value for the seasonal year was 101 per cent. That for Ireland was 99 per cent. The rainfall of the seasons, so far as can be judged by the general values, was unusually close to the average of the period 1881 to 1915.

The *winter half-year* contained the wet January and the dry March, each with departures exceeding 40 per cent. of the average for the British Isles. The map of the distribution of percentage winter rainfall indicates that the rainfall was close to the average nearly everywhere. Excesses of more than 20 per cent. were confined to coastal strips of Sussex, Forfar, Co. Wexford and Co. Down, while deficiencies of 20 per cent. occurred only in an area to the east of Loch Ness. The steepest rainfall gradient on the map was from 68 per cent. at Grantown-on-Spey to 122 per cent. at Dundee, some 60 miles to the south-east. The corresponding falls in actual inches were 10·75 and 16·71. The gradient was the marked feature of the distribution in January and February, when the percentage fall at Grantown was less than 70 per cent., while that at Dundee was about 250 per cent. on each map.

The *summer of 1926* included four rather wet months and two, August and September, rather dry, the total fall of the summer being nearly everywhere close to the average. Less than 80 per cent. occurred only in the Devon-Cornwall peninsula, the Severn Estuary and in the neighbourhood of Cork. More than 130 per cent. was recorded along the coast of Sussex and over a considerable area between the Tyne and the Firth of Forth. In this area as much as 159 per cent., (or 20·81 inches instead of an average of 13·09 inches) fell at Ilderton in Northumberland. At this station the fall exceeded twice the average in both June and July.

The map for the *seasonal year* necessarily shows characteristics similar to those of the seasonal maps. There are only three areas with more than 120 per cent. of the average, *viz.*, near Dundee, near

Brighton, and in Northumberland. The former is associated with heavy winter rain, as well as some intense summer thunderstorm rains, and the other two with heavy summer rain. Less than 80 per cent. occurred only in the extreme south of Cornwall, where at Penzance the falls of the winter and summer were 81 and 76 per cent. respectively. Thus the fall was between 120 and 80 per cent. over practically the whole of the British Isles, and over about one-third of the area the fall was between 110 and 90 per cent.

The main feature of the rainfall of the seasons and of the seasonal year was the close approximation in most districts to the average amounts, the summer being, however, somewhat wetter than the average, especially in England and Scotland.

Table XXII.—*Seasonal Rainfall as Percentage of the Average, 1881–1915.*

Period.	Winter, Oct. to Mar.	Summer, Apl. to Sept.	Seasonal Year, Oct. to Sept.	Winter, Oct. to Mar.	Summer, Apl. 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
1924–1925	113	111	112	104	109	106
1925–1926	100	105	102	97	106	101
<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	191	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
1924–1925	111	106	109	110	109	110
1925–1926	99	100	99	99	104	101

Table XXIII.—Seasonal Rainfall, 1925-26, in relation to the Average, 1881-1915.

Station.†	Winter 6 Months, Oct. 1925- Mar. 1926.		Summer 6 Months, Apr. 1926- Sept. 1926.		Twelve Months, Oct. 1925- Sept. 1926.		Station.‡	Winter 6 Months, Oct. 1925- Mar. 1926.		Summer 6 Months, Apr. 1926- Sept. 1926.		Twelve Months, Oct. 1925- Sept. 1926.	
	Per cent. of Average.	Average.	Per cent. of Average.	Average.	Per cent. of Average.	Average.		Per cent. of Average.	Average.	Per cent. of Average.	Average.	Per cent. of Average.	Average.
St. Pancras (Camden Square) ..	105		118		112		St. Austell (Trevarna)	108		72		94	
Tenterden (Ashenden)	112		122		116		Chewton Mendip (The Priory) ..	97		116		105	
St. Peter's	92		111		100		Cirencester	105		104		105	
Edenbridge (Falconhurst)	100		100		100		Church Stretton (Wolstaston) ..	100		102		101	
Compton (Compton House)	108		91		101		Market Drayton (Old Springs) ..	88		82		85	
Brighton W.W. (Lewes Road) ..	125		146		134		Malvern (Free Library)	102		99		100	
Ventnor (Royal National Hosp.) ..	115		105		111		Farnborough	95		106		100	
Fordingbridge (Oaklands)	101		102		102		Birmingham (Edgbaston)	102		96		99	
Sherborne St. John	101		89		96		Belvoir Castle Gardens	85		104		94	
Royston (Therfield Rectory)	97		117		107		Boston (Black Sluice, Skirbeck)	100		108		104	
High Wycombe	106		121		113		Lincoln (Sessions House)	90		92		91	
Oxford (Magdalen College)	103		113		108		Mickleover (Clyde House)	113		100		107	
Pitsford (Sedgebrook)	111		110		111		Manchester (Whitworth Park) ..	105		106		105	
Wisbech (Bank House)	94		109		103		Stonyhurst College	102		101		101	
Chelmsford (County Laboratory)	99		117		108		Southport (Hesketh Park)	101		113		103	
Hawkedon Rectory	94		112		103		Cartmell (Holker Hall)	111		109		110	
Felixstowe (Wireless Tel. Stn.) ..	89		89		89		Ulverston (Poaka Beck)	110		102		106	
Beccles (Geldeston)	92		100		96		Rotherham (Moorgate Grange) ..	85		104		94	
Blakeney	117		101		109		Bradford (Lister Park)	110		102		106	
Little Dunham (Dunham Cot.) ..	108		106		107		York (Cherry Hill)	97		114		105	
Calne (High Street)	106		109		108		Hull (Pearson Park)	106		103		105	
Weymouth (Westham House)	97		87		93		Leyburn (Bolton Hall)	102		120		110	
Launceston (Polapit Tamar)	107		78		86		Felixkirk (Mount St. John)	96		111		103	
Ashburton (Druid House)	110		81		100		Scarborough	117		104		111	
Cullompton	98		90		95		Middlesbrough (Albert Park) ..	104		117		111	
Barnstaple (N. Dev. Athenæum)	97		85		92		Newcastle (Town Moor)	111		121		116	
Penzance (Morrab Gardens)	81		76		79		Hallington (Fawcett)	92		135		113	

† For Counties see Table XXI, pp. 115-119.

Table XXIII.—Seasonal Rainfall, 1925–26, in relation to the Average, 1881–1915—(con.).

Station.†	Winter 6 Months, Oct. 1925– Mar. 1926.		Summer 6 Months, Apr. 1926– Sept. 1926.		Winter 6 Months, Oct. 1925– Mar. 1926.		Summer 6 Months, Apr. 1926– Sept. 1926.		Twelve Months, Oct. 1925– Sept. 1926.	
	Per cent. of Average.		Per cent. of Average.		Per cent. of Average.		Per cent. of Average.		Per cent. of Average.	
Ilderton (Lilburn Tower)	110		159		133		133		106	
Carlisle (Scaleby)	98		131		115		105		104	
Borrowdale (Seathwaite)	103		109		106		95		96	
Appleby (Castle Bank)	108		114		111		98		103	
Abergavenny (Larchfield)	93		78		87		102		103	
Ystalyfera (Wern House)	102		92		98		95		96	
Cardiff (Ely Pumping Station)	98		81		91		112		105	
Carmarthen (The Friary)	100		80		91		114		111	
Haverfordwest (Grammar Sch.)	107		96		103		120		103	
Aberystwyth (Gogerddan)	82		107		93		99		105	
Birmingham W.W. (Nantgwilt)	85		109		94		100		105	
Lake Vyrnwy	111		122		115		102		107	
Northop (Soughton Hall)	97		128		112		123		123	
Dolgelly (Bryntirion)	89		110		98		117		107	
Llandudno	86		103		94		88		94	
Llandwrog (Glynllivon Park)	89		103		95		101		92	
Holyhead (Salt Island)	80		86		82		106		95	
Douglas (Borough Cemetery)	100		91		96		107		101	
Stoneykirk (Ardwell House)	104		92		98		91		83	
Dalry (Glendarroch)	108		99		104		102		85	
Auchencairn (Torr House)	111		101		107		90		81	
Dumfries (Crichton Roy. Inst.)	107		116		111		111		105	
Hawick (Branxholme)	106		125		115		101		93	
Marchmont House	106		130		118		107		100	
North Berwick Reservoir	86		129		108		98		92	
Edinburgh (Univ. Engin. Lab.)	104		118		111		99		98	
Biggar	105		131		117		94		94	
Caldercruix (Hillend Reservoir)	91						123			
Kilmarnock (Agricultural Coll.)	103						105			
Girvan (Pinnmore)	97						95			
Shaws W.W. (Loch Thom)	106						98			
Lochgilphhead (Poltalloch)	103						102			
Skipness Castle	97						95			
Inveraray Castle Gardens	100						112			
Islay (Eallabus)	109						114			
Loch Leven Sluice	91						120			
Loch Dhu	105						99			
Crieff (Strathearn Hydro)	109						100			
Blair Atholl (Blair Castle Gdns.)	110						102			
Dundee (Eastern Necropolis)	122						123			
Montrose (Sunnyside Asylum)	98						117			
Balmoral Castle Gardens	88						101			
Logie Coldstone School	80						106			
Aberdeen (King's College)	89						101			
New Deer Schoolhouse	96						107			
Gordon Castle	76						91			
Grantown-on-Spey	68						102			
Nairn (Delnies)	73						90			
Fort Augustus (St. Benedict's)	101						111			
Arisaig House	87						101			
Fort William	96						107			
Alness (Ardross Castle)	88						98			
Ullapool	97						99			
Loch Torridon (Bendamph)	94						94			

† For Counties see Table XXI, pp. 115–119.

10. THE TOTAL FALL OF RAIN IN 1926 AND ITS RELATION TO THE AVERAGE.

The total rainfall for the year is given for nearly 5,000 stations in the British Isles, in the General Table which forms Part III of this volume. About 2,000 of these totals have been plotted on a map, on the scale of 19 miles to the inch, and isohyetal lines, or lines of equal rainfall amount, have been drawn upon the map to show cartographically the distribution of the rainfall of the year over the land. A reproduction of this map on a smaller scale appears as the frontispiece to this volume. Such an annual rainfall map is invariably dominated by the orography of the country to such an extent that not only is it very complicated in itself, but in general appearance it looks very much like most of its predecessors, the differences being noticeable only after detailed examination and comparison. In order to meet this difficulty and incidentally to secure a much simpler representation of the data, the totals for 1926 at a number of stations for which averages exist have been expressed as percentages of those averages, and the percentage values have been plotted on another map. The actual percentage values used will be found in Tables XXI and XXV. The map so obtained is reproduced herewith. It has been coloured so that blue areas represent regions where the fall in 1926 was more than average, and red areas represent regions where the fall in 1926 was less than average. In other words at places within the blue areas the year was wet *relative to the average fall*, and at places within the red areas it was relatively dry. This map thus represents the character of the year as it would appear to each of our numerous contributing observers, on the supposition that each observer had no knowledge of conditions away from home. The characteristic features of such a map are (a) its comparative simplicity and (b) its general independence of the orography.

The percentage map for 1926 shows by means of continuous lines the places where the values of the rainfall were, respectively: 80, 90, 100, 110, 120 and 130 per cent. of the average values. The distribution of the areas with rainfall above or below the average was irregular, but there was a well-marked belt of deficiency from Lands End to the mouth of the Humber, and another of excess stretching from the north of Ireland to the Firth of Tay and to the Cheviots, with a wedge of relatively low rainfall near the Firth of Forth. In the first belt a series of areas across the country received less than 90 per cent. of the average with just less than 80 per cent. along the south-west coast of Cornwall. This was the only area in the British Isles with less than 80 per cent. The more northerly belt included the only areas in Ireland and in Scotland with more than 120 per cent. of the average. To the south-east and to the north-west of the dry belt across the Midlands of England the fall was generally between 100

and 110 per cent. of the average. More than 120 per cent. was recorded in England and Wales locally near Stratford-on-Avon, to the north of Brighton and on the Cheviots. In the northern half of Scotland less than the average occurred along the coasts with rather more than 110 per cent. at isolated inland stations. In Ireland less than 90 per cent. was recorded over part of Kerry, along part of the coasts of Cork and Waterford as well as to the west of Dublin. Falls of more than 110 per cent. were confined to the extreme north-east.

The outstanding feature of the percentage map is the small departures from the average indicated in most districts. The fall was between 90 and 110 per cent. over roughly four-fifths of England and Wales, and of Ireland, and over rather less than half of Scotland.

Some of the extreme percentage values are given below :—

England and Wales	..	{	130	per cent.	at Lilburn Tower, Northumberland.
		{	78	„ „	Penzance and St. Agnes, Cornwall.
Scotland	..	{	140	„ „	Dundee, Forfar.
		{	90	„ „	Gordon Castle, Moray.
Ireland	..	{	124	„ „	Malin Head, Donegal.
		{	87	„ „	Ballinacurra, Co. Cork, and Killarney, Co. Kerry.

The deficiency at Penzance was distributed fairly evenly between the summer and winter months. The large value for Dundee was occasioned by heavy rains in the winter rather than the summer months, the falls of January, February, September, October and December all being twice the average. At Lilburn Tower more than twice the average occurred only in June and July, so that summer rains predominated at this station.

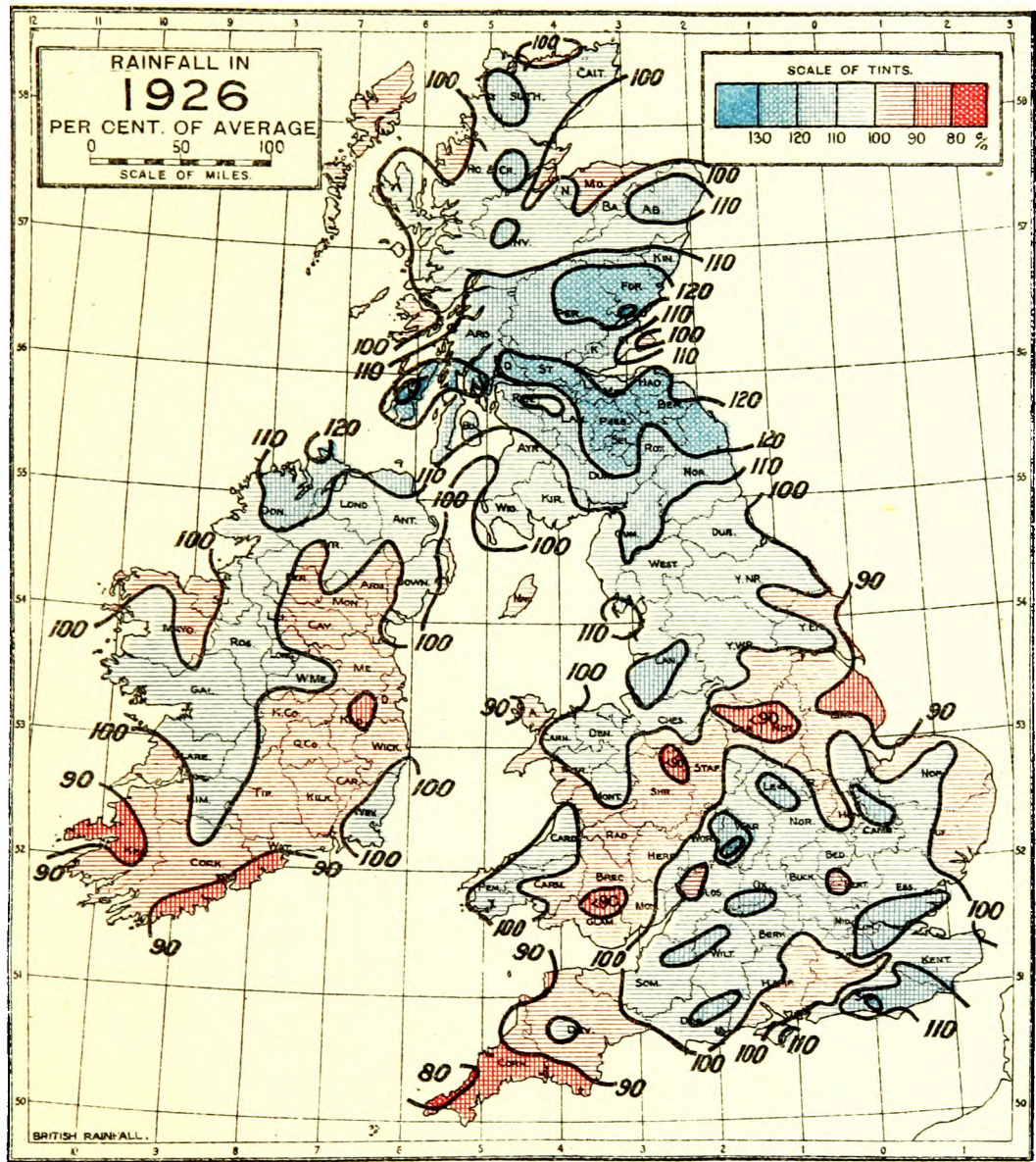
Use is made of the percentages values at the 274 stations of Tables XXI and XXV to derive general values of the total rainfall for the year over the British Isles and over the larger divisions separately. These values are set out in the following table.

TABLE XXIV.—*General Rainfall, 1926, compared with average.*

Countries.	No. of Stations.	Average 35 years 1881–1915.	1926	
			Per cent.	Rainfall.
		in.		in.
England	135	32·67	102	33·3
Wales	26	50·14	98	49·1
England and Wales	161	35·23	102	35·9
Scotland	63	50·32	111	55·8
Ireland	49	43·30	100	43·3
British Isles†	274	41·41	103	42·8

† Including Isle of Man.

RELATION OF RAINFALL IN 1926 TO THE AVERAGE OF 1881-1915.



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

PS 17635/1544 W. 25270 E. D. 15135/1606 B75 9/27.

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

For the British Isles as a whole the year was 3 per cent. wetter than the average. The greatest percentage occurred in Scotland where the general value was 111, the corresponding values for England and Wales and Ireland being 102 and 100.

The rainfall of the year was therefore similar to that of 1925 in being slightly in excess of the average. The years 1923 and 1924 were both wet, especially in Scotland and Ireland, while in 1922 the general rainfall was 100 per cent. Thus since the dry year 1921 the rainfall of each year has reached or exceeded the average. So long a run of wet years has not occurred since the period 1875 to 1883, when in each of the 9 years the rainfall reached or exceeded the average.

Among the highest totals reported for the year and set out in the General Table, Part III, the following may be mentioned :—

	Inches.
England :—Cumberland, Borrowdale (The Styne)	178·91
Wales :—Carnarvon, Snowdon (Crib Goch) ..	179·45
Scotland :—Argyll, Mull (Benmore)	139·10
„ Inverness, Loch Quoich (Loan) ..	135·15
Ireland :—Kerry, Killarney (Torc Mountain) ..	109·30

No striking cases of low annual values were reported. Among the lowest the following may, however, be mentioned :—

	Inches.
England :—Essex, Walton-on-the-Naze	18·66
„ Lincoln, Skegness (Marine Gardens)	19·83
Wales :—Denbigh, Denbigh (Abergele)	25·12
Scotland :—Nairn, Nairn (Delnies)	23·30
Ireland :—Dublin, Lambay Island	25·15

Table XXV.—Rainfall of 1926 as Percentage of Average, 1881-1915.*

County.	Station.	Per cent. of Average.	County.	Station.	Per cent. of Average.
ENGLAND.			YorksW.R.	Malham Tarn	105
Surrey ...	Reigate (The Knowle)	113	" E.R.	Pattrington	91
Kent	Folkestone (Cherry Gardens) ..	107	" N.R.	Lowthorpe (The Elms)	90
"	Rochester (Knights Place)....	107	" ..	Malton (Broughton Rise)	97
Sussex ...	Yapton (Bonhams)	97	Durham ..	Guisborough (Lockwood Res.) ..	101
"	Horsham (Wimblehurst)	99	" ..	Barnard Castle (County Schl.) ..	102
"	St. Leonards (Gensing Gardens) ..	118	North'd..	Ushaw (St. Cuthbert's College) ..	106
Hampshire	Totland Bay (Aston House) ..	99	" ..	Morpeth (Cockle Park)	113
"	Portsmouth (Victoria Park) ..	95	" ..	Howick Hall	127
"	Ovington Rectory	106	Cumberl'd.	Penrith (Briar Cottage)	113
Berkshire .	Wellington College	93	" ..	Ravenglass (The Grove)	101
"	Newbury (Greenham Common) ..	102	Westmorl'd	Kirkby Stephen (Redman Ho.) ..	104
Hertford ..	Harpenden (Rothamsted)	99	" ..	Rydal (High Close)	109
Oxford ...	Middleton Park	108	WALES.		
N'hants...	Wellingborough (Swanspool) ..	107	Monmouth	Monmouth (Pentwyn)	106
"	Oundle (Milton Road)	91	Glamorgan	Gorseinon (Penllergaer)	96
Bedford...	Woburn (Crawley Mill)	103	Carmarth'n	Llanwrda (Dolaucothy)	105
Cambridge	Stretham Engine	112	Pembroke	Pembroke (Stockpole Court) ..	107
Essex	Elsenham (Gaunts End)	108	" ..	St. Ann's Head	101
"	Clacton-on-Sea	101	Brecon ...	Fishguard (Langton, Dwrbach) ..	95
"	Earls Colne (Chalkney Ho.)	100	Radnor...	Aberdare (Nanthir Res.)	89
Suffolk ...	Rendlesham Hall	92	Montgom'y	New Radnor	93
"	Bury St. Edmunds (Westley Ho.) ..	107	Denbigh ..	Newtown (Penarth Weir)	104
Norfolk...	Norwich (Christ Ch. Rd., Eaton) ..	93	" ..	Wrexham (Pack Saddle Res.) ..	99
"	Wells (Holkham Hall)	93	Merioneth	Denbigh (Garn)	104
Wiltshire..	Landford (Northlands)	109	Anglesey .	Corwen (Rûg Gardens)	105
"	Marlborough College	106	" ..	Llanerchymedd	96
Dorset ...	Bere Regis (Bloxworth House) ..	115	SCOTLAND.		
"	Beaminster (Hamilton Lodge) ..	101	Dumfries..	Langholm (Ewes)	122
Devon S...	Plymouth (The Hoe)	83	Roxburgh	Kelso (Springwood Park)	123
"	Sidmouth (Sidmount)	96	Midlothian	Moorfoot Hills (Gladhouse Res.) ..	120
" N.	Okehampton (Uplands)	102	Lanark ...	Hamilton W.W. (Townhill) ..	105
"	Torrington (Enfield)	91	Ayr	Maybole (Culzean Castle Grdns.) ..	102
Cornwall ..	Newquay (Mount Wise)	87	Bute	Rothsay (Ardencraig)	125
"	Falmouth Observatory	86	Argyll ...	Loch Sunart (Glenborrodale) ..	104
"	Tresco Abbey	93	" ..	Corran Lighthouse	111
Somerset...	Batheaston Reservoir	117	" ..	Mull of Kintyre	113
"	Street (Millfield)	104	Fife	Colinsburgh (Balcarres)	98
"	Milverton (Spring Grove)	100	Perth ...	Glengyle	111
Gloucester	Cheltenham (Montpellier Gns.) ..	103	" ..	Perth (Wellshill Cemetery) ..	119
"	Clifton College	103	Forfar ...	Kirriemuir (Lintrathen)	121
Hereford ..	Hereford (Belmont Abbey)	93	Aberdeen .	Ellon (Esslemont House)	120
Shropshire	Shifnal (Hatton Grange)	90	Banff ...	Keith Station	101
Stafford...	Teaon (The Heath House)	96	Inverness .	Alvie Manse	105
Worcester	Stourport (Lincombe Lock)	94	" ..	Loch Ness (Foyers)	99
"	Blockley (Upton Wold)	106	Ross ...	Strathpeffer	112
Warwick ...	Ryton-on-Dunsmore (Ryton Ho) ..	106	" ..	Applecross Gardens	104
Leicester ..	Kibworth Beauchamp	114	Sutherland	Lairg	108
"	Thornton Reservoir	113	IRELAND.		
Lincoln ...	Spalding (Pode Hole)	100	Cork	Cork (University College)	95
"	Skegness	85	" ..	Midleton (Ballinacurra)	87
"	Louth (Westgate)	84	Waterford.	Portlao (Mayfield)	94
"	Brigg	97	Wexford ..	Foulkesmill (Longraigue)	104
Nottingh'm	Southwell (Elmfield)	87	Carlow ...	Bagnalstown (Fenagh House) ..	97
"	Worksop (Hodsock Priory)	90	Dublin ...	Dublin (Phoenix Park)	99
Derby ...	Buxton (Devonshire Hosp.) ..	89	W'meath..	Athlone (Twyford House)	100
Cheshire ..	Runcorn (Weston Point)	109	Roscomm'n	Strokestown (Castlenode)	104
"	Woodhead Reservoir	101	Mayo ...	Delphi Lodge	104
Lancs. C...	Burnley (Swindon) Lower g. ..	109	" ..	Ballinrobe (Creagh)	100
"	Wigan W.W. (Worthington) ..	117	Armagh ..	Lurgan (Belle Vue)	97
" N.	Barrow-in-Furness (Gas Works) ..	119	Down ...	Newry (Bridge Street House) ..	98
"	Blackpool (Met. Observatory) ..	110	" ..	Donaghadee (Coastguard Stn.) ..	95
YorksW.R.	Slaidburn (Dunsop Houses) ..	107	Donegal ..	Malin Head	124
"	Goole	98			
"	Wakefield (Clarence Park)	97			

* See also Table XXI, pp. 115-119.

II.—EVAPORATION AND PERCOLATION IN 1926.

The *evaporation gauges* in use are square tanks sunk in the ground, and the evaporation which is measured is that from a free water surface. The standard one at Camden Square is 6 ft. square and 2 ft. deep, and is sunk so that the lip projects about 3 inches. The routine consists of the daily measurement of the level of the water in relation to a mark fixed to the tank. From the difference between consecutive daily measurements is deducted the rainfall for the same period as measured in an adjacent raingauge. The net depression of the water-level in the tank during the interval of 24 hours is taken to be a measure of the evaporation. Sometimes in winter the "evaporation" comes out as a small negative quantity; this is regarded as due to the condensation of water from the superincumbent air, and the corresponding measurements are marked "C" in the tables. So far as is practicable, the level of the water is kept about 2 to 3 inches below the top of the lip. This necessitates water being added in summer and syphoned off in winter. During the winter months, there is some difficulty in getting a reading when the water freezes. In such cases the ice is broken away from the sides of the tank and the measurement of the water-level is made while the ice is floating. If this cannot be done any morning, owing to the thickness of the ice, a measurement is made as soon as possible (on a subsequent morning), and the amount of evaporation calculated over the whole period. The evaporation is small in winter, so that little information is lost by adopting this procedure.

Some of the factors which are likely to vitiate the measurements of evaporation were discussed in *British Rainfall*, 1925, pp. 127-128.

The list of stations given in Table XXVI, for which details of the evaporation are available for 1926, is the same as last year. At Edinburgh, however, some of the individual monthly amounts are not available.

The monthly evaporation values for the 42 years 1885 to 1926 at Camden Square are set out in Table XXVIII, and provide one of the longest series of homogeneous observations in existence. For 1926 the evaporation of 13.71 inches was 1.79 inch less than the average for the 35 years, and the smallest in the series with only five exceptions. Four of these years were prior to 1895, so that of the last 32 only one year experienced a smaller evaporation than that of 1926, *viz.* 1920 with 13.46 inches.

The range in the whole series of the annual values is from 19.69 inches in 1921 to 12.60 inches in 1888, i.e. from 127 per cent. to 81 per cent. of the average for the 35 years. This variation from year to year is much smaller than that of the rainfall amounts. A comparison is given below of the range in the annual values of evaporation with that for rainfall, rain-days and duration of rainfall for the 42 years 1885 to 1926 at Camden Square.

Camden Square (London) 1885-1926.

	Evaporation (inches).	Rainfall (inches).	Rain-days.	Duration of Rainfall (hours).
Largest values	19.69 in 1921	38.10 in 1903	193 in { 1916 1918 }	688.5 in 1903
Smallest values } Range ..	12.60 in 1888 7.09	14.60 in 1921 23.50	115 in 1921 78	269.2 in 1921 419.3
*Average for 35 years. Range as per cent of average.	15.50 46	24.47 96	162 48	436.9 96

* In the case of evaporation the average is for the 35 years, 1885 to 1919, but the averages of rainfall, rain-days and duration of rainfall are for the 35 years, 1881 to 1915.

The evaporation at Camden Square year by year is therefore considerably more uniform than either the rainfall or the duration of rainfall, but is in this respect very similar to the yearly variations in the number of rain-days. A fair approximation to the average for a long period can be obtained from a much shorter record of evaporation than is the case with rainfall.

The distribution among the seasons of the evaporation from a free water surface is also fairly uniform from year to year, the largest amounts occurring in the summer months, generally June and July, and the smallest in January and December.

On the average the evaporation in the 6 months April to September amounts to 13·53 inches or 87 per cent. of the total for the year. The relation of the distribution of evaporation throughout the year to that of other meteorological elements at Camden Square, viz., temperature, wind-movement, sunshine and rainfall is discussed in *British Rainfall*, 1919, pp. 6-13. Daily means for the 14 years 1905 to 1918 are used, grouped in five-day periods throughout the year. It is shown that the march of the evaporation throughout the year is closely related to that of the duration of sunshine, while there is practically no relationship with the march of rainfall.

On the other hand, there are relations between annual values of evaporation and the corresponding annual values of rainfall. Table XXVIII shows that wet years tend to be years of small evaporation, while in dry years the evaporation is relatively great. In 1926 the daily duration of sunshine in London showed a considerable deficiency, being about half-an-hour less than the average amount.

Percolation gauges.—In Table XXVII the amount of water which percolated through a definite depth of soil is given. Details of the gauges and the types of soil are set out in the footnotes and in *British Rainfall*, 1924, p. 128.

The difference between percolation and rainfall is to be accounted for by evaporation, but evaporation as determined in this way (known as "calculated evaporation") is not strictly comparable with that given in the earlier table. There is no free water surface present in a percolation gauge, but during dry periods the surface soil is nearly dry so that practically no evaporation can take place.

In the winter months practically all the rain which falls drains into the percolation gauges, while in the summer the rainfall must exceed one or two inches for the month before any water percolates through the soil. If the distribution of the rain throughout a summer month is erratic, then the percolation is larger than if it is more uniform.

Table XXVI—*Evaporation in 1926.*

List of Stations.	County.	Observer.	Particulars of Tank.				
			Height above		Side.	Capacity.	
			Ground.	Sea Level.			
			ft. in.	ft. in.	ft. in.	Gals.	
Camden Square	London	2	Royal Meteor. Soc. . .	0 3	111	6 0	450
Otterbourne ..	Hampshire	5	E. C. Rodda, Esq. . .	0 3	112	6 0	450
Petersfield	"	6	C. J. P. Cave, Esq. . .	0 3	747	4 0	250
Ormesby St. M.	Norfolk	2	Gt. Yarmouth W.W.	0 3	21	6 0	450
Kennick	South Devon	5	S. C. Chapman, Esq.	0 3	835	6 0	450
Revesby	Lincoln	3	T. Henry Tyson, Esq.	0 6	124	6 0	450
Southport	Cen. Lancashire . .	3	J. Baxendell, Esq. . .	0 3	37	3 0	112
Ardsley, No. 1	Yorkshire, W.R. . .	8	C. C. Smith, Esq. . .	0 3	395	6 0	450
" No. 2	"	8	"	0 3	326	6 0	450
Lower Laithe..	"	9	M. R. Barnett, Esq. . .	0 6	772	6 0	450
Harrogate	"	11	A. S. West, Esq.	0 3	589	6 0	450
Talla Water ..	Peebles	1	Messrs. Leslie & Reid	0 3	904	6 0	450
Edinburgh	Midlothian	5	Sir T. Hudson Beare	0 3	227	4 0	200

1926.	Camden Square.	Otterbourne.	Petersfield.	Ormesby St. Michael.	Kennick.	Revesby.	Southport.
	in.	in.	in.	in.	in.	in.	in.
January	c .03	.25	.14	.26	c .01	.15	.02
February .....	.12	.43	.36	.39	.37	.17	.17
March	1.03	1.31	.96	1.09	1.10	.87	.72
April	1.06	1.38	1.10	1.23	1.89	1.12	1.54
May	2.07	2.51	2.29	2.53	2.68	1.81	2.30
June	2.50	3.00	2.64	2.31	3.52	1.90	2.97
July	2.51	3.26	2.43	3.02	3.77	2.49	3.10
August	2.12	2.94	2.23	2.03	2.76	2.20	2.81
September	1.34	1.95	1.51	1.52	1.87	1.26	1.45
October .....	.74	.97	1.15	1.04	.92	.76	.81
November .....	.20	.24	.46	.40	.31	.50	.24
December .....	.05	.30	.11	.27	.16	.03	.00
Year	13.71	18.54	15.38	16.09	19.34	13.26	16.13
Average, 1908-1926	15.17	19.56	..	..	18.70	14.53	..
Difference	-1.46	-1.02	..	..	+0.64	- .27	..

1926.	Ardsley. No. 1.	Ardsley. No. 2.	Lower Laithe.	Harrogate.	Talla Water.	Edinburgh.	Mean of 12* Records
	in.	in.	in.	in.	in.	in.	in.
January .....	.05	c .01	c .02	.68	.28	..	.14
February .....	.25	.21	.16	.46	.18	..	.27
March	1.26	.96	.69	1.31	.58	..	.99
April	1.46	1.27	1.40	1.65	1.43	1.10	1.38
May	2.11	2.00	2.19	2.74	2.13	2.24	2.28
June	2.46	2.30	2.45	2.93	2.48	2.39	2.62
July	3.30	3.11	2.91	3.56	2.90	2.82	3.03
August	2.78	2.49	3.01	3.27	2.24	2.26	2.57
September	1.75	1.69	1.30	1.79	1.40	1.75	1.57
October .....	.94	.91	.76	1.31	.59	..	.91
November .....	.26	.18	.03	.70	.40	..	.33
December .....	.16	.13	c .09	.38	.01	..	.13
Year	16.78	15.24	14.79	20.78	14.62	..	16.22
Average, 1908-1926	17.32	..	..	19.03	16.25	..	..
Difference	- .54	..	..	+1.75	-1.63	..	..

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

* Omitting Edinburgh.

Table XXVII—*Rainfall, Percolation and Calculated Evaporation in 1926.*

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

1926.	Compton, Sussex.		Grayshott, Hants.		Harrogate, Yorks.	
	Rainfall.	Percolation.	Rainfall.	Percolation.	Rainfall.	Percolation.
	in.	in.	in.	in.	in.	in.
January	6.36	6.57	5.78	5.87	2.91	1.64
February	2.59	2.76	2.49	3.55	2.30	1.26
March .....	.78	.16	.33	.36	1.00	.12
April	3.07	.56	3.60	1.66	1.26	.00
May	3.25	.87	2.42	1.41	2.25	.00
June	2.91	.85	2.82	1.44	3.38	.26
July	2.64	.00	1.75	.00	2.38	.02
August	1.60	.00	1.57	.00	3.09	.00
September .....	.54	.00	.92	.00	1.35	.00
October	2.87	.00	3.00	.30	3.19	.84
November	8.77	6.57	7.52	7.24	5.45	4.02
December .....	.34	.67	.24	.96	.78	.15
Year	35.72	19.01	32.44	22.79	29.34	8.31
Calculated Evaporation }	..	16.71	..	9.65	..	21.03

1926.	¶ 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	3.37	3.17	3.39	3.26	4.28	3.92	3.82	4.00
February ...	2.33	2.11	2.43	2.30	5.16	5.10	4.86	4.81
March .....	.17	.00	.05	.04	1.06	.44	.41	.35
April	2.81	.86	.94	.86	2.59	1.18	1.12	1.09
May	1.81	.37	.65	.58	1.96	.37	.32	.21
June	2.86	.94	1.26	1.16	2.30	.22	.25	.01
July	2.61	.29	.44	.38	2.16	.00	.01	.00
August	1.07	.00	.03	.03	1.36	.00	.00	.00
September...	1.65	.58	.66	.60	4.61	.10	.15	.07
October	2.46	1.15	1.23	1.14	5.70	4.72	4.53	3.85
November ...	4.94	4.52	4.84	4.64	5.73	5.37	5.03	4.85
December ...	.41	.33	.53	.47	1.13	1.09	1.02	.92
Year	26.49	14.32	16.45	15.46	38.04	22.51	21.52	20.16
Calculated Evaporation }	...	12.17	10.04	11.03	...	15.53	16.52	17.88

** Through bare unworked soil. § The gauges were under oats. * Unmanured.
† Manured. ‡ Manured and limed. ¶ Area of gauges one thousandth of an acre.

Table XXVIII.—*Evaporation at Camden Square, 1885-1926.*

		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						
1925	·12	·30	·83	1·30	2·34	3·48	2·61	1·58	1·01	·56	·37	·00	14·50						
1926	c·03	·12	1·03	1·06	2·07	2·50	2·51	2·12	1·34	·74	·20	·05	13·71						
Average																					
1885-1919	·10	·25	·66	1·51	2·43	2·91	2·97	2·33	1·38	·62	·25	·09	15·50						
Difference 1926	—	—	·13	—	·13	+	·37	—	·46	—	·21	—	·04	+	·12	—	·05	—	·04	—	1·79

NOTE.—c indicates condensation.

METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION.

BRITISH RAINFALL, 1926.

PART III.

GENERAL TABLE
OF
TOTAL RAINFALL IN 1926
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 1926.

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 column for the total rainfall in millimetres, which was a feature of the corresponding table in the volumes for the years 1914 to 1925, is omitted from the present volume, and the space thus set free is devoted to a column for average annual totals, expressed in inches, to the nearest tenth of an inch. These averages do not all refer to a single period of time and they are not necessarily therefore strictly comparable with one another. The rule which has been adopted is that all available averages are admitted to this table (*a*) which are derived from reliable observations extending over a period of at least 20 years; (*b*) which, after critical examination of available records have been reduced by the accepted method to the standard period of 35 years, 1881—1915. Averages for this standard period, if available, are always preferred for entry in the table.

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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ENGLAND AND WALES.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		above		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Ground.	Sea Level.					
1.—THAMES.—Right Bank Tributaries. 67. sq. mi.									
		in.	ft.	in.	ft.	in.	in.		
BERMONDSEY.									
D Southwark Park	London County Council ..	5	1	0	9	..	27.59	182	122
LAMBETH.									
D Brockwell Park	London County Council ..	5	1	0	120	..	26.95	167	120
D Brixton Hill Reservoir	Met. Water Board.....	5	1	1	121	..	25.46	166	120
BATTERSEA.									
D Battersea Park	London County Council ..	5	1	0	13	..	25.13	154	112
D Battersea Waterworks	Mr. F. J. Goldsworthy	5	3	6	6	22.6	25.74	172	17
WANDSWORTH.									
D Streatham (Conyers Road) ...	Met. Water Board.....	5	1	6	119	23.6	25.46	175	120
D Streatham Park (Pendle Road)	F. W. Snell, Esq.	8	1	0	125	..	25.46	178	117
D Streatham Hill Reservoir	Met. Water Board.....	5	1	0	205	..	25.39	166	126
D Putney Heath Reservoir	Met. Water Board.....	5	1	6	180	24.9	24.07	173	121
D Balham High Road (+A)	E. J. Elford, Esq., C.E. ..	5	1	6	89	..	26.27	171	115
D Wandsworth (Loxley Road) ..	W. J. Fisher, Esq.	8	1	0	70	..	26.34	184	121
D Southfields (Coronation Gds) (+A)	E. J. Elford, Esq., C.E. ...	5	1	6	37	..	25.04	146	114
D Southfields (Wincanton Rd.) ..	A. T. Bench, Esq.	5	1	2	50	..	26.18	171	130
D Larkhall Rise	Guy M. Quiller, Esq.	5	1	1	55	..	24.77	164	115
D Clapham Com. (Bromfelde Rd.)	H. N. Prentice, Esq.	5	1	2	46	22.9	22.43	148	105
CAMBERWELL.									
D Sydenham Hill (The Chestnuts)	E. H. Goad, Esq.	5	0	9	315	..	26.78	..	119
D Nunhead (Nunhead Reservoir)	Met. Water Board.....	5	1	0	175	23.1	25.09	157	118
DEPTFORD.									
D Telegraph Hill	London County Council ..	5	1	0	135	..	25.07	154	117
D Waterworks	Met. Water Board.....	5	1	0	20	23.0	27.45	152	116
GREENWICH.									
D Deptford Pumping Station ...	London County Council ..	8	1	0	18	24.9	26.34	..	113
D Royal Observatory	Sir F. W. Dyson, F.R.S. ...	8	0	5	149	23.5	28.10	169	119
D Westcombe Park Road	Rev. T. R. Price	8	1	3	154	..	28.46	173	119
LEWISHAM.									
D Grove Park (The Avenue) ...	A. Malden, Esq.	5	1	6	180	..	27.82	184	127
D Forest Hill Reservoir	Met. Water Board.....	5	1	3	337	25.9	28.30	188	137
D Clarendon Road	G. E. Dacey, Esq.	5	1	0	98	..	30.02	192	134
WOOLWICH.									
D Eltham (High Street)	Met. Water Board.....	5	1	0	245	24.3	27.18	150	119
2.—THAMES.—Left Bank Tributaries. 50 sq. mi.									
KENSINGTON.									
D Harley Gardens	Mrs. Hamlyn Price	5	1	5	29	..	26.81	176	130
D Holland House	Mr. P. B. Rintoul	5	2	6	69	24.9	25.86	154	115
D Cam House	Rt. Hon. Lord Phillimore ..	5	3	0	100	..	24.98	148	108
D Campden Hill Reservoir	Met. Water Board.....	5	1	0	142	27.5	24.44	153	116
D Kensington Palace	(+A) The Meteorological Office..	8	1	0	80	..	27.99	185	124
HAMMERSMITH.									
FULHAM.									
D Hammersmith Cemetery	Mr. R. J. Brown	5	1	0	17	..	25.67	152	124

DIVISION I.—LONDON—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge					1926		
		Diam.	Height of		Average	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
			Rim above Ground.	Ground above Sea Level.	Rain-fall.				
2.—THAMES—Left Bank Tributaries—(con.).									
		in.	ft.	in.	ft.	in.	in.		
CHELSEA.									
D Physic Garden	W. Hales, Esq.	5	1	0	20	23·8	25·62	161	112
D Oakley Street	A. Hampton Brown, Esq. .	5	1	0	25	..	25·18	170	113
D St. Luke's Gardens	W. R. Manning, Esq., C.E.	5	1	0	25	24·9	25·16	169	112
WESTMINSTER.									
D Western Pumping Station ...	London County Council ..	8	1	0	19	23·5	24·35	159	108
D King's Scholar's Pond	London County Council ..	8	11	6	31	..	23·40	167	109
D Buckingham Palace	Mr. W. Osborne.....	5	8	0	35	24·9	26·57	169	119
D Kensington Gardens	Prof. S. M. Dixon	5	1	0	78	..	26·24	157	114
D St. James's Park	(+A) The Meteorological Office..	8	1	0	27	23·9	25·88	157	111
D Spring Gardens	London County Council ..	8	6	0	35	24·0	26·05	166	123
ST. MARYLEBONE.									
D Royal Botanic Gardens	J. L. North, Esq.	8	1	0	130	26·6	27·66	178	129
HAMPSTEAD.									
D Barrow Hill Reservoir	Met. Water Board.....	5	1	0	175	25·2	26·73	169	124
D Kidderpore Reservoir	Met. Water Board.....	5	1	0	328	24·8	28·14	..	117
D Observatory	E. L. Hawke, Esq.	8	1	0	450	..	31·10	161	123
D Golders Hill Park	London County Council ..	5	1	0	350	..	30·08	177	139
ST. PANCRAS.									
D Camden Square	(+A) Royal Meteorological Soc.	8	1	0	110	24·5	27·25	169	125
D Camden Square	Snowdon Royal Meteorological Soc.	5	1	0	110	..	27·23	169	126
D Camden Square	Royal Meteorological Soc.	5	1	0	110	..	27·35	..	..
STOKE NEWINGTON.									
D New River Filter Beds	Met. Water Board.....	5	1	3	101	24·6	25·47	155	125
D New River Reservoirs	Met. Water Board.....	5	1	0	105	25·4	25·92	168	124
HACKNEY.									
D Clapton Pond	(+A) Norman Scorgie, Esq., C.E.	5	1	0	69	24·2	26·00	161	124
HOLBORN.									
FINSBURY.									
D New River Head	Met. Water Board.....	8	1	0	95	23·5	24·99	158	118
CITY OF LONDON.									
D Guildhall	E. E. Finch, Esq., C.E. ...	8	51	6	99	23·6	26·64	..	..
BETHNAL GREEN.									
D Victoria Park	London County Council ..	5	1	0	43	..	28·25	163	125
POPLAR.									
D Isle of Dogs (Island Gardens)	London County Council ..	5	1	0	18	..	26·71	162	120
D Old Ford Pumping Station ...	Met. Water Board.....	8	0	9	19	23·7	27·73	172	130
D Old Ford (Penstock House)(+A)	London County Council..	8	1	0	43	23·6	27·66	160	121
WOOLWICH.									
D N. Woolwich Pumping Stn.(+A)	London County Council ..	8	0	9	12	22·9	26·69	154	115
D Barking Outfall	London County Council ..	8	0	9	0	21·8	27·01	152	123

DIVISION II.—SOUTH EASTERN COUNTIES:

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

1.—ARUN. 45 sq. mi.

D Haslemere (Clammer Hill) ...	Mrs. Glennie	5	1	6	400	35·8	30·58	157	124
D Chiddingfold (Stonehurst) ...	H. St. John H. Bashall, Esq.	5	1	1	200	..	28·50	154	119
D Hambledon (Rossall)	L. R. Furneaux, Esq.	5	1	0	250	..	29·69	203	127

2.—MEDWAY. 50 sq. mi.

D East Grinstead (Lockeridge) ...	Lt. Col. J. F. Forbes, D.S.O.	5	1	0	320	..	32·46	180	121
D Dormans Park (Chartham Park)	I. D. Margary, Esq.	5	1	0	270	..	31·63	185	121

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
SURREY—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—MEDWAY—(con.).									
d Dormans Park (Hill Crest)	Mrs. H. R. Mill	5	1	0	320	..	33·20	192	124
d Lingfield (Felcourt)	R. McAlpine, Esq.	5	1	3	225	..	32·37	173	122
d S. Godstone (Hartsridge)	F. E. Goad, Esq.	5	0	10	450	..	29·68	180	133
d Oxted (Stone Hall)	W. P. Metcalfe, Esq.	5	1	5	320	..	31·39	189	138
d Oxted (West Heath)	Norman W. Grieve, Esq.	8	1	2	500	..	32·35	186	142
3.—THAMES—Darent. 22 sq. mi.									
d Tatsfield School	B. Hammond, Esq.	5	1	3	741	..	36·43	164	124
d Farleigh (Croydon Ment. Hosp.)	Croydon Corporation	8	1	0	100	..	35·38	168	134
d Chelsham (Ledgers)	Mrs. H. Daniell	5	1	5	620	..	36·25	..	..
d Chelsham (Fairchildes)	A. S. Daniell, Esq.	5	0	8	600	33·7	34·25 ?	..	..
d Addington Hills Reservoir	Croydon Corporation	8	1	0	472	29·4	31·11	193	135
d Norwood (Auckland Road)	Miss J. Cooper	5	1	5	230	23·7	25·48	173	118
4.—THAMES—Wandle. 71 sq. mi.									
d Kingswood (Margery Hall Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	691	..	38·11	186	153
d Caterham Reservoir	A.E. Cornewall Walker, Esq.	5	1	2	717	34·6	34·18	211	138
d Caterham Valley (Croydon Rd.)	A. M. Worfolk, Esq.	5	6	0	435	..	36·43	171	146
d Tadworth (Glade House)	W. J. Saunders, Esq.	5	1	6	545	..	32·43	201	137
d Chelsham & Woldingham	W. W. Vaux Graham, Esq., C.E.	5	1	0	479	..	34·85	172	130
d Warlingham (Council School)	R. W. Peacock, Esq.	5	1	0	600	..	35·47	184	143
d Caterham Valley Depot	A.E. Cornewall Walker, Esq.	5	1	6	431	..	35·86	206	142
d Banstead (Burgh Heath)	Capt. E. R. Taylor	5	1	0	571	32·6	33·53	180	136
d Banstead (Burgh Heath Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	570	32·7	36·93	185	158
d Chipstead (How Green Res.)	W. Vaux Graham, Esq., C.E.	5	1	0	528	..	32·13	..	..
d Kenley Pumping Station	A.E. Cornewall Walker, Esq.	5	1	6	275	..	32·47	196	137
d Coulsdon	J. H. Lowe, Esq.	5	0	6	400	..	30·84	177	129
d Banstead Mental Hospital	S. J. Wray, Esq.	5	5	0	425	..	28·31	161	150
d Purley (Oakwood Avenue)	E. W. Finch, Esq.	5	1	0	380	..	32·20	200	132
d Purley (Downscourt Rd)	J. Edmund Clark, Esq.	5	1	0	360	30·9	33·64	197	137
d Purley (Pumping Station)	A.E. Cornewall Walker, Esq.	5	1	3	225	30·1	34·08	190	146
d Sanderstead (Heathurst Rd.)	E. Alexander, Esq.	5	1	0	335	..	31·27	190	127
d Croydon Aerodrome	(+A) The Meteorological Office	8	1	0	244	..	28·26	176	126
d South Croydon (Avondale Rd.)	Mrs. Macdonald Davies	5	1	0	195	29·5	30·36	182	129
d Carshalton (Sewage Works)	W. Willis Gale, Esq., C.E.	5	1	0	118	25·9	24·79	159	120
d Croydon (Northampton Road)	Mrs. Higgins	5	1	0	210	..	28·36	176	127
d Beddington Cor. (Millgreen Rd.)	S. S. Miller, Esq.	5	5	0	77	26·2	22·99 ?	150	116
d Wimbledon (Trinity Road)	P. J. Bevan, Esq., C.E.	5	1	0	53	..	25·57	158	117
d Wimbledon (Compton Road)	G. H. Cheesman, Esq.	5	1	6	80	..	25·04	161	120
5.—THAMES—Mole & c. 229 sq. mi.									
d Outwood (The Orchards)	H. Gurney, Esq.	5	0	7	280	26·0	30·15	187	131
d Dorking (Bramerton)	Rev. Jas. F. Twist	5	1	0	300	..	30·70	175	123
d Dorking (Denbies)	Mr. J. Ansell	5	0	6	610	32·2	32·65	184	..
d Brockham	H. R. Kempe, Esq. C.E.	8	0	9	160	31·2	28·18	161	120
d Betchworth (Snower Hill)	T. DuBuisson, Esq.	8	0	11	250	..	29·36	..	..
d South Nutfield (Hale Edge)	R. C. Grant, Esq.	5	1	0	250	28·7	28·80	179	127
d Redhill (Station Road)	W. H. Fowler, Esq.	5	21	0	273	30·3	31·10	172	133
d Redhill (Warwick Road)	A.E. Cornewall Walker, Esq.	5	1	6	284	..	31·11	196	128
d Reigate (The Knowle)	G. Weston, Esq.	5	1	0	390	29·9	30·56	174	124
d Reigate (Woodcote)	Herbert Crosfield, Esq., J.P.	5	0	4	310	..	31·38	180	136

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with 0·1 in. or more.	Days with 0·4 in. or more.	
SURREY—(con.).		in.	ft.	in.	ft.	in.	in.		
5.—THAMES—Mole & c.—(con.).									
d Reigate (Wray Park Road) . . .	W. J. MacAndrew, Esq. . .	5	1	3	330	..	32·65	171	129
d Reigate (Castle Grounds)	F. T. Clayton, Esq., C.E. . .	5	1	6	350	30·4	34·05	230	148
d Reigate (Thurso)	F. S. Smith, Esq.	8	1	0	270	..	30·00	161	117
d Nutfield Priory	J. Moffatt, Esq.	8	1	2	313	31·5	30·41	198	137
d Bletchingley (South Park Fm.) . .	Uvedale Lambert, Esq. . . .	5	0	4	340	31·4	30·51	168	130
d Headley Rectory	Rev. T. E. R. Phillips . . .	5	1	0	570	..	31·30	198	124
d Headley (The Hurst)	Mrs. Lyall	5	1	3	420	32·2	30·75	173	124
d Walton-on-the-Hill	Mr. J. Millichamp	5	1	0	600	31·7	30·23	180	132
d Leatherhead W.W.	J. M. Young, Esq.	8	1	0	102	..	28·60	..	..
d Tadworth	G. B. Wall, Esq.	5	1	4	550	..	32·71	190	133
d Ashted (The Hut)	Mrs. Maples	5	0	10	200	..	27·58	162	118
d Epsom (Sewage Farm)	E. R. Capon, Esq., C.E. . . .	8	1	0	120	25·4	28·76	168	120
d Whiteley Village (Fox Oak) . . .	H. E. Cooke, Esq.	8	3	4	195	..	24·19	164	119
d Cobham (Sandroyd School) . . .	C. St. John Shortt, Esq. . .	5	1	1	200	..	26·10	..	..
d Weybridge (Gower Road)	Miss J. A. Sanger	5	0	5	117	26·2	26·87	181	127
d Sutton (Camborne Road)	F. E. Wright, Esq.	5	1	0	250	..	28·36	179	135
d Claygate (Hertslets)	N. C. Armitage, Esq.	5	1	0	106	..	25·33	198	124
d Esher (Halidon)	D. H. Baird, Esq., C.B.E. . .	5	..	..	114	..	27·02	158	129
d Sutton (Waterworks)	W. Vaux Graham, Esq., C.E. .	5	1	6	166	26·0	26·66	159	126
d Sutton (Sewage Works)	W. H. Grieves, Esq., C.E. . .	8	1	0	94	28·8	30·83	151	124
d Surbiton (Worthington Road) . .	W. Stephens, Esq.	5	1	0	82	..	28·50	180	136
d Surbiton (Seething Wells)	Met. Water Board	5	0	10	34	24·9	25·41	165	119
d West Molesey (Walton Works) . .	Met. Water Board	5	0	6	35	23·5	24·08	156	118
d New Malden (Sewage Works) . .	R. H. Jeffes, Esq.	5	1	3	48	23·4	23·99	154	120
d Kingston (County Hall)	H. Wilson, Esq.	5	0	9	31	26·0	25·00	179	127
d Kingston Sewage Works	P. G. Lloyd, Esq.	8	2	0	25	27·9	27·10	162	116
d Kingston (Grammar School) . . .	W. R. Warner, Esq.	5	1	0	32	..	23·84	156	119
d Merton (Joseph Hood Rec. Gd.)	The Engineer	5	1	0	48	..	25·33	152	119
d Raynes Park (C. School)	C. V. Manley, Esq.	5	1	0	50	..	24·76	162	119
d Raynes Park (Cottenham Pk P.S.)	J. Bowen, Esq., C.E.	5	1	2	50	24·9	24·94	160	121
d Wimbledon (The Downs)	late Sir Francis Fox	5	1	0	162	26·2	25·87	189	121
d Richmond (The Terrace)	Borough Engineer	8	0	6	129	24·9	26·48	170	136
d Richmond (Kew Observatory) (+A)	The Meteorological Office . .	8	1	0	18	23·8	23·76	163	106
d Kew (Royal Botanic Gardens) . .	Dr. Arthur Hill, F.R.S. . . .	8	0	9	20	..	24·96	155	118
d Barnes (Barn Elms)	Met. Water Board	5	1	0	16	..	24·35	158	119
6.—THAMES—Wey. 236 sq. mi.									
d Haslemere (U.D.C. Depot)	A. G. Whitcher, Esq.	5	1	0	475	..	33·43	168	137
d Haslemere (Frensham Hall Gdns.)	H. Windibank, Esq.	5	2	0	750	..	34·23	174	138
d Haslemere (Frensham Hall Farm)	H. Windibank, Esq.	5	2	0	600	37·4	31·91	172	135
d Haslemere (Hazelhurst)	Mrs. T. P. Newman	5	1	0	550	39·5	34·86	182	140
d Haslemere (Ridgeways)	C. O. Trew, Esq.	5	1	0	815	..	31·56	192	138
d Haslemere (Furnace Place)	F. J. Barlow, Esq.	5	1	10	..	..	31·04	160	128
d Oakwood Hill (Honeywood Ho)	The Lady Tredegar	5	1	0	280	..	28·03	184	133
d Witley (Great Roke)	C. W. Dixon, Esq.	5	5	6	300	..	27·49	168	120
d Witley (Enton Hall)	Major Spencer F. Chichester*	5	1	9	350	..	34·84	..	..
d Witley (King George V. Sanatm.)	J. Watt, Esq.	5	1	0	305	..	27·04	172	115
d Churt (Furze Hills)	C. G. O. Bond, Esq.	5	1	0	380	..	31·04	175	134
d Hascombe Place	C. T. Musgrave, Esq.	5	1	0	390	33·5	31·38	183	128
d Cranleigh (Homefield Cottage) . .	W. S. Sarel, Esq., C.B. . . .	5	1	9	180	..	27·63	187	123
d Cranleigh (Ruffold Lodge)	Dr. Blakeman	5	1	0	..	..	25·81	182	125
d Cranleigh School	Major C. Crowhurst	8	1	6	200	..	29·56	179	130
d Thursley (C.E. School)	H. Swallow, Esq.	5	1	0	300	..	26·89	..	..
d Ewhurst (Coneyhurst)	Mr. A. G. Grimes	8	1	0	581	33·7	30·72	167	122
d Ewhurst (The Four Winds)	Miss E. Brooke	5	1	0	809	..	31·52	184	130
d Ewhurst (Woolpits)	Mr. W. Harrison	8	1	6	600	32·8	29·65	..	..
d Frensham (Spreakley Hollow) . .	A. R. Crossley, Esq.	4	1	0	200	..	27·95	159	126

* Per "Surrey Advertiser."

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STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		Ground		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	ft.	ft.	in.	in.		
SURREY—(con.).									
6.—THAMES—Wey—(con.).									
d Godalming (Munstead Heath)	A. M. P. Hodsole, Esq.	8	4	0	450	..	31·98	171	127
d Godalming (Greyloes)	Mr. H. Isted	5	0	5	150	..	26·74	164	120
d Godalming (Westbrook)	T. Turner, Esq.	5	1	0	280	..	26·40	..	..
d Godalming (Charterhouse)	O. H. Latter, Esq.	5	1	0	130	29·2	25·87	170	117
d Shackleford (Hall Place)	Mr. E. Nash	8	1	2	200	..	24·87	159	117
d Peaslake (Dewdney)	Sir F. G. Ogilvie, C.B.	5	1	0	532	..	30·88	173	129
d Bramley (The Limes)	Rev. C. J. Etty	5	1	0	135	..	30·81	168	133
d Compton (Sandy Knowe Gdns)	Mrs. Houghton . . . . .	..	..	..	..	..	25·92	..	..
d Shere (Manor House)	R. A. Bray, Esq.	5	1	0	330	..	29·49	200	133
d Shere (The Rectory)	Rev. Sir P. M. Bowman, Bt.	5	1	0	255	..	30·19	161	121
d Albury (Dalton Hill Gardens)	Mr. J. Tidy	5	1	0	250	..	28·65	152	117
d Gomshall (Hazelhatch)	Hon. Margaret Wyndham	5	1	0	377	..	29·41	157	126
d Abinger Hall	Lord Farrer	8	1	7	400	36·5	30·96	180	143
d Farnham (Crooksbury Ridges)	F. R. Walters, Esq., M.D.	5	1	4	440	31·0	26·82	191	120
d Farnham (Short Heath Lodge)	Col. G. Chrystie	5	1	0	365	30·1	26·91	186	126
d Farnham (Bourne Corner)	Miss I. M. Deedes	5	1	0	365	..	26·35	155	121
d Puttenham (Berthorpe)	Capt. E. H. Tuckwell	5	1	0	350	..	27·01	169	120
d Guildford (Pilgrim Wood)	H. A. Powell, Esq., M.D.	5	1	0	320	..	27·97	160	119
d Guildford (Briarfield)	Miss M. E. Swaine	5	2	3	300	29·7	27·67	176	117
d Guildford (West Mount)	C. M. Powell, Esq.	5	1	0	220	..	27·61	168	119
d Guildford (Roy. Gram School)	H. N. Weller, Esq.	5	1	0	200	..	27·11	..	..
d Guildford (Kilvington)	Miss Meynell	5	0	7	300	..	27·08	..	..
d Guildford (Cross Lanes)	F. F. Smallpiece, Esq.	5	0	8	200	28·6	26·17	181	119
d Guildford (Abbotswood)	Elliott Kitchener, Esq.† . . . . .	..	..	..	150	..	27·30	..	..
d Merrow (Stoodwell)	S. Eustace, Esq.	5	0	8	250	..	25·14	..	..
d E. Horsley (Rowbarns Grange)	D. W. Sissons, Esq.	5	1	7	335	..	29·69	165	135
d Worplesdon (Openwood)	D. H. Welch, Esq.	5	0	8	160	..	27·35	..	130
d Worplesdon (Golf Club)	R. Goring Thomas, Esq.	5	1	6	168	..	24·11	162	126
d Ripley (Ripley Court)	Captain Pearce†	5	1	5	86	..	25·62	..	..
d Ockham (Ockham School)	H. Titmou, Esq.† . . . . .	..	..	..	..	..	24·60	..	..
d Mayford (Stony Yarrows)	Mrs. Ricardo	5	1	6	140	..	25·73	..	119
d Woking (Sutton Green)	Capt. S. Price-Williams	5	1	6	140	..	25·64	163	120
d Woking (The Grange)	Rev. F. Wilson	5	1	0	78	26·1	25·82	182	133
d Woking (Hook Heath)	W. S. Patterson, Esq.	5	1	0	160	..	25·00	148	119
d Woking (Northwood)	G. T. E. Hamilton, Esq.	5	1	4	114	..	23·18	..	..
d Woking (The Green)	Mrs. Howlett	5	0	9	122	..	24·90	173	128
d Woking (Saunders Lane)	Mr. W. Buck†	5	0	9	132	..	28·99	..	..
d Horsell (The Vicarage)	Rev. Canon Norman Pares	5	1	9	140	..	23·67	152	116
d Horsell (Tetherstones)	Vernon B. Longhurst, Esq.	5	1	0	115	..	25·70	184	126
d Wisley (R.H.S. Gardens)	W. D. Cartwright, Esq.	8	1	0	150	26·1	25·47	186	126
d Byfleet (West Hall Gardens)	Mr. G. Carpenter	5	1	0	61	..	25·63	152	128
d West Byfleet (Kilmeena)	F. Littleboy, Esq.	5	1	0	100	..	25·37	158	126
d West Byfleet (Starcross)	Walter W. Way, Esq.	5	1	0	110	..	25·35	158	121
d West Byfleet (Scotland Bridge)	Capt. H. Beene, Esq.	5	1	0	69	..	24·41	..	119
d Weybridge (St. George's Hill)	H. I. Bond, Esq.	5	0	8	115	..	23·79	180	125
d Weybridge (Heath Field)	Miss A. T. Gardiner	5	1	0	100	26·5	25·49	..	..
d Weybridge (West Oaks)	A. Whittet, Esq.	5	1	0	36	24·1	23·99	170	112
7.—THAMES—Bourne. 55 sq. mi.									
d Knap Hill (Ulundi)	G. C. H. Simmonds, Esq.	5	1	0	181	..	26·87	161	119
d Knap Hill (Lynbrook)	Charles Wigan, Esq.	5	1	9	200	..	25·68	166	122
d Chobham (Sandpit Hall)	K. A. H. Power, Esq.	5	1	0	100	26·7	25·43	162	121
d Chobham (The Manor House)	F. A. Walter, Esq.	5	1	0	150	..	27·36	186	136
d Chertsey (Ottershaw)	Mrs. R. H. Otter	5	1	0	200	27·1	26·78	177	126

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		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
SURREY—(con.).		in.	ft.	in.	ft.	in.	in.		
7.—THAMES—Bourne—(con.).									
Chertsey (Botleys Park)	Mr. H. Whitmarsh	5	1	5	111	..	25·07	152	120
Upper Childown (Long Cross Ho.)	Miss C. M. Leicester-Penrhyn	5	1	0	200	..	26·17	170	123
Sunningdale (Hilltop)	E. F. Cecil, Esq.	1	0	250	..	27·55	134	119
Virginia Water (S. Ann's Heath)	Rev. J. Peck	8	1	1	120	25·4	24·55	170	123
Staines (St. Ann's Cottage)	Miss D. M. Gundry	5	1	0	52	..	25·91	170	121
8.—THAMES—Loddon. 17 sq. mi.									
Frimley Green Waterworks	S. G. Weller, Esq.	5	2	6	220	24·6	25·95	155	125
Frimley Green (Ridgemount)	C. C. Haviland, Esq.	5	0	9	350	29·5	28·77	215	133
Camberley (Way's End)	E. Ernest Green, Esq.	5	0	11	295	..	27·13	168	129
Camberley (Cordwalles)	C. H. Ledward, Esq.	5	1	0	400	..	27·49	176	128
KENT. (Area, 1,532 sq. mi.)									
1.—ROTHER & C. 217 sq. mi.									
Dungeness	The Meteorological Office	8	0	11	20	24·4	28·63	159	113
Lydd (The Paddock)	Dr. J. A. Proctor	5	5	8	10	..	29·29	172	126
Lydd (Westbroke House)	A. Finn, Esq., J.P.	5	1	0	10	..	27·65	141	120
Brookland (Thrift Farm)	C. Clark, Esq.	12	3	0	11	..	28·87	156	114
Dymchurch (Hoornes)	Mrs. Paddock	5	1	0	9	..	25·35	155	111
Snae (Poplar House)	T. K. Tickner, Esq.	8	1	4	10	..	27·14	139	115
Appledore (The Well House)	Dr. F. W. Cock	5	1	2	23	..	30·38	162	120
Hawkhurst (Hensill)	Major F. Ross Thomson	5	3	0	180	30·5	30·99	159	115
Kenardington (The Firs)	Francis H. Lyon, Esq.	5	1	2	65	..	29·88	181	120
Tenterden (Ashenden)	Major Herbert Neve	5	1	0	190	..	30·75	175	128
Benenden (National Sanat'm)	H. Spurrier, Esq., M.B.	5	1	0	250	..	31·25	156	122
Hythe	M. J. Harvey, Esq., C.E.	5	0	9	12	28·0	29·61	172	124
Hythe (Sandling Park)	Rt. Hon. L. Hardy	8	1	0	260	30·4	30·99	169	132
Sandgate	C. Law Green, Esq., C.E.	5	4	3	60	..	27·31	179	122
Folkestone (Borough Sanat'm)	A. E. Nichols, Esq., C.E.	5	1	0	101	28·6	27·59	165	114
Folkestone (Cheriton Road)	B. J. Duncan Walker, Esq.	5	1	0	160	28·8	30·03	159	115
Folkestone (Cherry Gardens)	H. T. Turner, Esq., C.E.	5	1	6	230	29·1	31·23	165	132
Capel (Lower Standen)	H. T. Turner, Esq., C.E.	5	2	11	250	31·2	31·40	144	124
Dover (Waterloo Crescent)	Borough Surveyor	8	1	0	22	..	30·02	165	115
Dover (Waterworks)	W. B. Smith, Esq., C.E.	5	1	6	200	30·0	32·60	153	131
Dover (Buckland)	Guy Mannering, Esq.	8	1	6	50	..	33·60	159	124
Kearsney (Chilton Farm)	W. B. Smith, Esq., C.E.	5	1	6	127	33·5	36·83	158	138
2.—STOUR & C. 386 sq. mi.									
Lympne Aerodrome	(+A) The Meteorological Office	8	1	0	347	..	29·41	175	120
Sellindge (Council School)	S. H. Serpell Esq.	5	1	0	200	..	30·87	167	132
Smeeth School	W. H. Wetherell, Esq.	5	1	0	300	..	32·20	190	124
Lyminge (Elham Valley W.W.)	Phillip Harris, Esq.	5	1	6	445	..	33·02	189	138
Ashford	B. H. Headley, Esq.	5	1	0	190	..	30·10	181	126
Ashford (Albert Road)	A. E. Brongner, Esq.	5	1	0	185	..	28·55	184	123
Dover (Martin Mill Pump. Stat.)	F. L. Ball, Esq.	5	1	0	287	..	34·74	170	125
Wye (Agricultural College)	Capt. A. H. Bird	5	1	0	164	..	28·50	185	122
Waldershare Rectory	Rev. H. Saumarez Smith	5	1	0	275	..	34·26	164	126
Shepherdswell (Upton Lodge)	Rutley Mowll, Esq.	5	1	0	300	..	35·06	165	129
Shepherdswell (Montbeliard)	F. H. Bernard, Esq.	5	1	0	285	..	33·30	163	127
Palmstead (Abbotswood)	H. S. Stevens, Esq.	5	1	0	440	..	36·14	170	133
Boughton Aluph (Fairlawn)	E. Simmons, Esq.	5	1	3	220	..	29·46	192	129
Charing Pumping Station	F. L. Ball, Esq.	5	1	0	295	..	30·83	174	122
Deal and Walmer, W.W.	A. Mantle, Esq.	12	1	0	110	27·9	29·56
Deal and Walmer W.W.	A. Mantle, Esq.	5	1	0	110	28·0	30·02	185	117
Deal (Wellington Road)	H. M. Barker, Esq.	5	1	0	25	..	30·80	155	125
Deal (Wellington Road)	Mrs. J. T. Miller	5	1	0	24	..	30·70	156	127

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			Rim above Ground.	ft.	ft.	ft.			
KENT—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—STOUR & C.—(con.).									
d Sandwich (Upton House, Word)	Capt. W. Elwin Napier	5	1	0	32	27.7	30.44	159	116
d Chilham (Lower Emsden)	F. Ivo Neame, Esq.	5	3	0	305	..	28.72	156	117
d Wingham (Margate W.W.)	Mr. J. H. Parker	5	1	0	138	28.7	30.73	148	130
d Canterbury (Medical Hall)	A. Lander, Esq.	5	1	0	39	..	26.56	155	114
d Canterbury (London Road)	Miss B. Spillett	5	0	6	66	28.7	27.64	168	127
d Canterbury (Irrigation Works)	C. Terry, Esq., C.E.	5	2	6	15	27.5	28.02	165	129
d Canterbury (Rough Common)	A. W. Wood, Esq.	5	1	0	285	..	28.92	152	122
d Ramsgate (East Cliffe)	Borough Engineer	8	0	10	168	24.0	25.72	162	107
d Ramsgate (Archer House)	Miss L. M. Wainwright	5	1	0	75	..	26.85	159	114
d Reculver	Allington Collard, Esq.	5	5	2	27	21.8	22.98	161	115
d Broadstairs (Domus)	Capt. W. B. Marling	8	1	0	60	..	25.03	..	102
d Broadstairs (Collis Court Road)	A. Watkins, Esq.	5	1	0	120	..	26.61	165	114
d St. Peter's (Hildersham House)	H. Hurd, Esq., C.E.	5	0	9	140	23.7	24.65	161	122
d Birchington (Hollydene)	W. Tomlin, Esq., Junr.	5	6	0	75	..	24.19	..	105
d Margate (Cliftonville)	C. J. Pemble, Esq.	5	1	0	51	22.8	21.86	147	105
3.—SWALE & C. 167 sq. mi.									
d Selling (Grove House)	F. Ivo Neame, Esq.	5	1	5	330	..	28.93	152	116
d Selling (Luton)	F. Ivo Neame, Esq.	5	4	9	263	30.4	29.68	161	119
d Ospringe (Lorenden)	L. H. Finn, Esq.	8	1	3	50	27.2	29.46
d Faversham (Portway)	C. Gordon Neame, Esq.	5	3	4	180	..	29.36	162	122
d Teynham (Norton Court)	A. L. Mercer, Esq.	5	1	6	90	..	30.13	..	132
d Teynham (New Gardens)	Mrs. Honeyball	5	1	5	30	24.5	25.40	161	113
d Milton Regis (Sewage Works)	The Surveyor	5	1	1	19	..	25.73	155	126
d Herne Bay (Waterworks)	J. Roberts, Esq.	5	1	6	130	22.8	24.29
d Sheppey (Eastchurch, O. Rides)	H. C. Warren, Esq.	5	2	0	40	22.9	23.44
d Sheerness	W. C. D. Hills, Esq.	5	1	0	13	..	21.41	149	108
4.—MEDWAY. 506 sq. mi.									
d Bedgebury Park Gardens	Mr. H. Arnold	5	1	0	280	..	33.31	164	127
d Woodchurch (Hengherst)	W. Mitchell, Esq.	5	1	0	152	..	29.80	180	132
d Kilndown School	J. A. Ager, Esq.	5	1	6	365	..	31.71	162	127
d Scotney Castle	E. W. Hussey, Esq.	5	3	9	203	26.8	29.67	157	112
d High Halden (Middle Quarter)	Mr. B. H. Budding	5	1	0	114	..	29.09	145	125
d Goudhurst (Gore Court)	J. A. Druce, Esq.	5	1	0	..	30.3	29.23	140	119
d Tunbridge Wells (Hawkenbury)	D. W. Horner, Esq.	5	1	6	435	..	31.86	183	128
d Tunbridge Wells (Calverley Park)	Dr. F. C. Linton	5	1	0	355	27.0	29.84	170	125
d Tun. Wells (The White House)	Miss Monica Robins	5	1	0	350	..	30.45	171	138
d Speldhurst Rectory	Rev. Canon H. Masters	5	0	10	334	..	28.22	151	123
d Speldhurst (Little Court)	P. L. Rooper, Esq.	8	1	3	350	..	30.61	174	133
d Pembury (The Spring)	Miss L. M. Fowler	5	1	0	416	..	33.60	184	148
d Pembury Waterworks	W. H. Maxwell, Esq., C.E.	8	1	8	197	..	29.24	168	124
d Southborough (Tentgarth)	Miss E. Powell	30.27
d Edenbridge (Falconhurst)	Sir George Talbot	5	1	6	375	30.7	29.92	163	132
d Edenbridge (Stonewall Park)	E. G. B. Meade-Waldo, Esq.	5	1	1	344	..	28.90	176	127
d Headcorn (Summerhill)	E. M. Richford, Esq.	5	1	0	100	..	27.50	171	129
d Penshurst Place	Lord De L'Isle and Dudley	5	1	0	120	..	29.99	183	127
d Penshurst (Hammerfield)	A. F. Hills, Esq.	5	1	5	100	..	25.59	152	116
d Penshurst (Parkholt)	Mr. J. M. Sturgess	5	0	9	265	..	27.07	167	118
d Tonbridge (Mabledon Park)	J. F. W. Deacon, Esq.	5	1	6	190	..	29.46	176	118
d Tonbridge (Uplands)	G. J. Kimmins, Esq.	5	0	10	165	..	29.03	177	127
d Tonbridge (Lyons)	Dr. E. S. Cardell	5	1	0	75	..	26.74	173	122
d Hildenborough (Gailes)	E. E. Roper, Esq.	5	1	0	159	..	26.48	155	122
d Hildenborough (Hollenden Ho.)	C. H. Scott, Esq.	8	1	0	99	..	25.59	170	129
d Langley (Rumwood Court)	Mr. W. J. Gould	5	1	9	354	..	29.46	191	132
d Loose Vicarage	Rev. W. Gardner Waterman	5	1	0	240	..	27.10
d Harrietsham (Dun Akyune)	C. Mackinnon, Esq.	5	1	4	400	..	31.77

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
KENT—(con.).		in.	ft.	in.	ft.	in.	in.		
4.—MEDWAY—(con.).									
D Nettlestead (Old Quarry).....	W. Pye-English, Esq.	5	3	0	286	..	28·04	191	125
D Otham (Synyards).....	Ambrose Boyson, Esq.	5	1	0	315	..	30·51	205	134
D Wateringbury (The Limes).....	Alan Lambert, Esq.	5	1	4	130	..	30·49	175	139
D Sevenoaks (River Hill).....	Lt. Col. J. M. Rogers, D.S.O.	8	2	6	520	27·1	27·42	170	126
D Hollingbourne (Penn Court).....	S. Lucy, Esq.	5	1	1	261	..	30·36	205	130
D Maidstone (W.W., Barming).....	W. J. Ware, Esq., C.E.	5	1	6	250	..	27·63	..	..
D Maidstone (Brenchley Gardens).....	T. F. Bunting, Esq., C.E.	5	0	9	50	..	30·10	183	125
D Maidstone (Mill Street).....	T. F. Bunting, Esq., C.E.	8	6	0	38	..	30·07	175	127
D East Malling (Blacklands).....	Major C. E. Tristram	5	1	0	80	..	27·11	156	122
D East Malling (Research Station).....	The Secretary	8	1	0	132	..	27·30	170	120
D Maidstone (Allington Lock).....	Mr. W. Smith	5	1	0	20	..	29·10	154	..
D Detling (The Croft) <i>New</i>	R. Cooke, Esq.	5	1	0	330	27·8	30·72	196	133
M Detling (Pollhill Fields).....	R. Cooke, Esq.	5	1	0	553	..	29·97	..	..
D Chatham (Woolmans Wood).....	W. Coles Finch, Esq.	5	3	0	470	..	29·52	175	120
D Halling Pumping Station.....	F. L. Ball, Esq.	5	1	0	75	..	27·54	149	130
D Chatham (Luton W.W.).....	W. Coles Finch, Esq.	5	3	0	88	..	27·27	158	115
D Rochester (Deanery Gate).....	Warwick Stunt, Esq.	5	2	0	50	..	25·61	168	117
D Rochester (Knight's Place).....	Miss F. H. Pye	5	3	0	320	26·0	27·86	167	130
D Strood Waterworks.....	W. Law, Esq., C.E.	5	3	0	112	..	25·00	162	116
5.—THAMES—Darent & C. 256 sq. mi.									
D Westerham Town.....	Met. Water Board.....	5	1	0	380	..	33·01	181	142
D Westerham Hill Pumping Stat.....	Met. Water Board.....	5	1	0	539	..	35·07	207	147
D Sundridge Rectory.....	Rev. C. C. Gosselin	5	1	0	280	..	32·14	168	138
M Sevenoaks (Tonbridge Rd. Res.).....	A. Grainger, Esq.	5	1	6	556	..	30·09	..	..
D Sevenoaks (Grammar School).....	Geoffrey Garrod, Esq.	8	1	0	486	..	30·68	182	137
D Sevenoaks (Speldhurst Close).....	Commr. G. D. Mackinnon ..	5	1	0	470	..	31·06	166	132
D Tatsfield (Betsoms Hill).....	Met. Water Board.....	5	0	7	820	..	38·98	202	149
Seal (St. Lawrence Reservoir).....	A. Grainger, Esq.	8	1	0	665	..	29·79	..	..
Seal (Kemsing Pumping Stat.).....	A. Grainger, Esq.	5	1	0	292	..	29·27	..	..
D Sevenoaks (Chevening Gardens).....	Mr. J. C. Sutton	5	1	0	360	..	33·91	184	132
D Knockholt (Kent Waterworks).....	Met. Water Board.....	5	1	0	785	29·9	34·16	169	139
D Biggin Hill (Aerodrome).....	The Meteorological Office..	8	1	0	597	..	35·49	219	140
D Fairseat (Fairseat House).....	Col. W. Pitt, C.M.G.	5	1	0	670	..	33·79	174	151
D Chelsfield (Hewitts).....	W. A. Waring, Esq.	5	4	0	476	..	31·13	178	131
D Keston (Forest Lodge).....	W. H. Dodgson, Esq.	5	0	6	450	..	35·56	..	..
D W. Wickham (Wickham Court).....	Sir H. Lennard, Bart.	5	1	0	300	..	33·05	..	..
D Eynsford Hill.....	Arthur Mee, Esq.	8	1	0	358	..	31·66	183	131
D West Wickham (Ingleside).....	G. B. Kershaw, Esq., C.E.	5	1	0	248	..	32·81	185	135
D Orpington (Kent Waterworks).....	Met. Water Board.....	5	1	0	220	..	31·59	176	136
D Crockenhill (Wested Farm).....	A. T. Miller, Esq.	5	1	6	331	..	30·36	..	..
D Cobham (Sole Street House).....	J. Scratton, Esq.	5	1	8	311	..	28·25	177	129
D Bickley (Sunnydene).....	Sir J. Wrench Towse	5	1	0	227	..	28·07	151	116
D Bickley (Farrants).....	Miss Chalmers	5	1	0	250	..	30·24	169	132
D Bromley (High Street).....	Dr. H. Wynne Thomas	5	1	0	200	..	27·47	..	..
D Bromley (Plaistow Lane).....	Col. E. Satterthwaite C.B.V.D.	5	0	9	234	..	29·42	184	132
D Beckenham (Croydon Road).....	The Surveyor	8	1	0	110	..	32·58	189	138
D Penge (Recreation Ground).....	Lt. Col. H. W. Lonedin	5	1	1	122	25·2	27·31	180	119
D Chislehurst (Hawkwood).....	Miss M. C. Edlmann	5	0	5	300	..	28·69	198	128
D Chislehurst.....	W. P. Jones, Esq.	5	9	0	325	..	28·88	..	..
D Chislehurst (Scadbury Park).....	Mr. B. Orchard	5	1	0	250	..	28·83	169	131
D Swanley (Horticultural College).....	Miss H. G. Mitchell.....	5	0	11	155	..	28·56	185	129
D Southfleet (Kent Waterworks).....	Met. Water Board.....	5	1	0	82	..	25·37	185	123
D Wilmington (Kent Waterworks).....	Met. Water Board.....	5	1	0	25	..	24·73	146	122
D Dartford (West Hill).....	Mr. J. Taylor	5	1	3	100	..	26·20	162	127
D Stone (City of Lond. Ment. Hsp.).....	J. Gower, Esq.	5	1	0	200	..	23·78	148	113
D Higham Waterworks.....	C. H. Clark, Esq.	8	1	0	141	..	26·65	184	117
D Erith (Crossness).....	London County Council ..	14	0	6	16	..	24·72	171	119

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
SUSSEX. (Area, 1458 sq. mi.)		in.	ft. in.	ft.	in.	in.			
1.—LAVANT & C. 175 sq. mi.									
d Selsey (Large Acres)	Field . . . E. Heron Allen, Esq., F.R.S.	5	1 0	21	..	29.50	171	126	
d Bognor (Waterloo Square)	The Town Clerk	8	1 0	20	..	28.98	167	123	
d Bognor (Albert Road)	W. L. Guernonprez, Esq. . .	8	1 0	17	..	27.29	179	120	
d Colworth (Manor Farm)	Harold W. Drewitt, Esq. . .	5	4 6	18	..	27.74	147	116	
d Bognor (Lidsey Lodge)	H. Neale, Esq.	8	1 2	25	..	29.86	167	124	
d Merston (Abelands)	Miss V. Kennard	5	0 6	24	..	29.30	175	128	
d Bosham (Cobnor)	Major S. W. B. Beale	5	1 6	12	..	27.89	169	114	
d Yapton (Bonhams)	Miss M. Rowe	5	1 0	24	27.7	26.81	165	108	
d Barnham (Downview Road)	P. A. Bisset, Esq.	5	1 0	20	..	30.09	184	130	
d Chichester (Kingsham Farm) (κ)	W. Lawson, Esq.	8	0 10	35	..	29.12	192	125	
d Chichester (Westgate)	G. Ashley Tyacke, Esq. . .	8	1 0	40	28.7	29.01	168	120	
d Chichester (West Street)	Dr. Walter Dick	5	1 0	40	..	28.24	165	119	
d Chichester (County Hall)	Stanley Morris, Esq.	5	1 0	45	..	28.81	..	..
d Chichester (Oakwood House)	Mrs. Baring Du Pré	5	0 5	101	..	29.71	..	116	
d Chichester (West Broyle Gdns.)	Mr. C. Fogden	5	1 4	107	..	30.40	154	128	
d Emsworth (West Bourne)	Rev. L. B. Birkett	5	1 0	30	..	25.01	182	128	
d Funtington House	J. A. Greenwood, Esq. . . .	5	1 0	95	..	28.07	164	125	
West Stoke Rectory	Rev. Preb. W. F. Shaw . .	5	1 0	176	..	30.18	..	116	
d Chichester (Goodwood Gardens)	Mr. F. C. Legge	5	1 3	133	..	33.56	180	137	
d Emsworth (Stansted Park)	Mr. T. E. Tomalin	5	2 6	140	..	32.98	183	146	
d Emsworth (Watergate House)	W. M. Christy, Esq.	5	1 0	222	..	32.76	172	134	
d West Dean Park	Mr. W. H. Smith	5	1 0	190	..	35.08	145	130	
d Chilgrove House	E. L. Woods, Esq.	5	1 0	266	..	34.70	151	128	
d Compton (Compton House)	Miss Langdale	5	1 0	263	36.6	35.69	167	137	
d Elsted (Telegraph House)	The Earl Russell	5	1 0	625	..	35.46	140	124	
2.—ARUN. 285 sq. mi.									
d Littlehampton (Met. Station)	Thomas Benson, Esq.	5	1 0	27	..	28.72	165	115	
d Rustington (Bracondale Nurs.)	J. Muir, Esq.	5	0 10	30	..	30.53	155	117	
d Lyminster Vicarage	Rev. S. P. Duval	5	1 0	20	..	29.12	169	122	
d Arundel (Cross Bush)	Rev. J. B. Orme	5	1 3	150	..	32.01	181	131	
d Patching Farm	Michael Drewitt, Esq.	5	1 0	180	30.8	34.22	160	126	
d Harting (Down Place)	R. G. Blackwell, Esq.	5	1 2	401	..	37.82	159	125	
d Pulborough (Nutbourne Manor)	H. M. Baker, Esq. . . . .	..	..	100	..	30.87	..	..
d Fittleworth Rectory	Rev. A. C. Lucey	5	1 9	135	..	31.72	160	130	
d Bepton (Fairfield)	Major W. A. Chauncy	5	0 8	158	..	33.34	148	128	
d Selham (Selham House)	C. C. Lacaita, Esq.	5	1 0	115	..	31.40	138	116	
d Petworth Park Gardens	Lord Leconfield	5	1 0	182	..	32.37	155	129	
d Tillington (River House)	Hon. Lady Cunliffe, C.B.E. .	5	1 0	230	..	31.01	..	124	
d Midhurst (Fairview)	Gilbert Eames, Esq.	5	1 0	..	..	33.04	158	124
d Midhurst (Hollist)	Nigel V. Ainsworth, Esq. . .	5	0 6	107	..	32.71	..	126	
Kirdford (Hills Green)	L. Baker, Esq.	5	1 0	150	..	26.36	153	119	
d Fernhurst (Ashurst)	J. G. Ohlenschlager, Esq. . .	5	1 0	280	..	31.01	167	127	
d Fernhurst (Hill Farm)	J. King, Esq.	5	3 0	426	..	32.70	147	124	
d Fernhurst (Blackdown House)	Lady Philipson Stow	5	1 0	550	..	32.46	174	131	
d Lower Beeding (The Warren)	Leicester M. Reed, Esq. . . .	5	0 10	430	..	31.77	147	126	
d Horsham (Christ's Hospital)	Major Gabriel Green, M.C. . .	8	1 3	160	..	29.99	177	126	
d Horsham (Sewage P.S.)	C. G. Atkinson, Esq.	8	2 0	188	..	29.81	173	129	
d Horsham (Wimblehurst)	Miss E. M. Allcard	5	1 0	195	30.0	29.57	165	120	
d Horsham (Dunedin)	A. C. Holland, Esq.	5	1 2	220	..	30.04	..	115	
d Horsham (Roffeyhurst)	T. R. Curtis, Esq.	5	..	300	..	30.06	..	..
d Horsham (Honeylane Paradocks)	P. Hulbert, Esq.	5	1 0	..	..	28.03	184	133
d Rusper (The Nunnery)	Sir Cecil J. B. Hurst, K.C.B. .	5	1 6	260	..	30.70	171	122	

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926			
		Diam.	Height of		ft.		in.	Rain- fall.	Days with 01 in. or more.	Days with 04 in. or more.
			Rim above Ground.	Ground Sea Level.						
SUSSEX—(con.).		in.	ft.	in.	ft.	in.	in.			
3.—ADUR & C. 237 sq. mi.										
d Rottingdean School	Mr. T. A. Sandalls	5	1	0	120	..	34.14	170	132	
d Rottingdean (Hillside)	Vice-Admiral H. J. L. Clarke	5	1	0	60	..	32.10	155	124	
d Worthing (Victoria Park)	Dr. R. H. Wilsnaw	8	1	0	35	27.5	28.57	160	117	
Hove (Wilbury Villas)	S. E. Graves, Esq.	5	0	8	130	..	31.76	..	..
d Brighton (Old Steyne)	The Medical Officer of Health	8	1	0	32	28.1	32.13	151	126	
d Brighton (Dyke Road)	R. A. Penney, Esq.	5	3	10	240	..	34.67	174	131	
d Brighton W.W. (Goldstone Bot.)	A. B. Cathcart, Esq., C.E.	8	3	0	136	..	31.32	169	123	
d Brighton W.W. (Lewes Road)	A. B. Cathcart, Esq., C.E.	8	3	0	136	29.9	36.75	177	136	
d Brighton W.W. (Shoreham)	A. B. Cathcart, Esq., C.E.	8	3	0	8	..	30.86	172	123	
d Brighton W.W. (Mile Oak)	A. B. Cathcart, Esq., C.E.	8	3	0	163	..	31.93	174	124	
d Brighton W.W. (Race Hill Res.)	A. B. Cathcart, Esq., C.E.	8	3	0	463	..	37.73	178	136	
d Brighton (Moulscombe)	J. Nicholas, Esq.	5	1	0	190	..	36.67	173	140	
d Preston Park (Clermont Road)	C. Modlen, Esq.	5	0	11	105	..	34.41	171	138	
d Falmer (Brighton W.W.)	A. B. Cathcart, Esq., C.E.	8	3	0	205	..	36.42	208	136	
d Patcham (Brighton W.W.)	A. B. Cathcart, Esq., C.E.	5	3	0	203	..	36.32	194	141	
d Bramber (Burletts)	Hatton G. Sugden, Esq.	5	5	3	75	..	36.69	187	141	
d Washington Vicarage	Rev. A. H. S. Patrick	5	1	0	251	..	33.46	173	120	
d Ditchling (Broadmeadow)	H. Fayle, Esq.	5	1	0	200	..	37.83	170	131	
d Hassocks (Wilmington Lodge)	C. T. Agar, Esq.	5	1	0	200	..	36.21	168	133	
d Hassocks (The Croft)	Harold Taylor, Esq.	5	1	0	200	..	37.21	167	131	
d Cuckfield (Henmead Hall)	Mrs. Maxwell Campbell	5	3	5	365	..	30.77	149	128	
d Slinfold (Elmhurst Farm)	Elmhurst Fmg. & Trdg. Co.	5	0	10	..	..	29.17	185	118
4.—OUSE. 224 sq. mi.										
d Seaford (Bowden House School)	J. F. Thomas, Esq.	5	1	0	190	..	33.48	164	120	
d Seaford (Newlands)	T. Davys Manning, Esq.	5	1	0	100	..	35.69	159	128	
d Newhaven (Poverty Bottom WW)	J. T. Bickford, Esq.	8	1	0	51	..	35.80	167	128	
d Lewes (Little Dene)	Mr. F. Down	8	0	11	58	..	36.45 ?	..	..
d Lewes W. W. (Kingston)	J. T. P. Johnston, Esq.	8	1	3	13	..	38.91	202	146	
d Ringmer (Park House)	G. Elliott Sealy, Esq.	5	2	0	100	..	33.78	173	133	
d Barcombe (The Gables)	L. S. F. Woodhead, Esq.	8	1	0	100	..	35.36	187	128	
d East Hoathly (Halland Park)	Mr. R. Shanks	5	1	0	300	..	30.72	..	..
Framfield (High Cross)	Maj. R. L. Thornton, C.B.E.	5	0	6	195	..	33.46	..	..
d Haywards Heath (Gower Road)	Mr. J. E. Shirley	5	3	4	242	..	29.71	178	129	
d Haywards H. (Paddockhall Rd.)	L. E. Hervey, Esq.	5	0	8	260	..	32.76	181	126	
Buxted (Strawberry Hall)	C. Rintoul, Esq.	5	1	0	180	..	33.07	162	..	
d Mayfield (Five Ashes)	Miss Emily Aston	5	1	6	300	..	32.47	191	122	
d Uckfield (Fairwarp)	Col. A. E. Barchard	5	1	3	475	..	35.75	178	146	
Oldlands Hall	(r) F. Eckstein, Esq.	8	3	0	400	..	37.26	185	132	
d Horsted Keynes (Holy Well P.S.)	F. Martin, Esq., C.E.	8	1	9	124	..	33.36	141	126	
d Ardingly (Lywood House)	G. Forrester Scott, Esq.	5	0	9	240	..	32.89	201	123	
d Ardingly (Wakehurst Place)	G. W. E. Loder, Esq.	8	1	3	437	..	35.44	191	130	
d Horsted Keynes (Birchgrove)	Miss G. C. Price-Davies	5	1	0	400	..	32.09	189	123	
d Balcombe (Lullings)	Mrs. M. Holland	5	1	0	348	..	34.61	184	131	
d Balcombe (The Gables)	Mr. G. J. Warren	8	1	3	358	..	35.91	187	143	
d Balcombe (Stockcroft)	R. Newton, Esq.	5	1	1	341	..	34.29	179	133	
d Balcombe (Waterworks)	F. Martin, Esq., C. E.	8	1	0	471	..	31.53	145	113	
d Balcombe (Highley Manor)	Mr. B. T. Brooks	8	1	6	420	..	33.99	188	147	
5.—CUCKMERE & C. 189 sq. mi.										
d Eastbourne (West Lodge)	Miss E. K. Beauford	5	1	2	120	..	33.81	173	135	
d Eastbourne (Wilmington Sq.)	Dr. W. G. Willoughby	5	1	0	35	30.7	31.98	159	128	
d Eastbourne (Motcombe Gdns)	(A) Major L. Roseveare, C.E.	11	1	7	59	..	32.88	164	129	
d Eastbourne (Bakewell Road)	late Chas. Harding, Esq.	8	1	0	75	..	34.15	181	131	
d Eastbourne (Arundel Road)	Miss Woodd	8	1	6	86	..	34.79	182	133	
Eastbourne (Arundel Road)	J. C. Wright, Esq.	5	1	0	70	..	32.74	..	..
d Friston	A. Wilkins, Esq.	8	1	0	104	..	33.65	179	134	
d Jevington	A. Wilkins, Esq.	8	1	0	274	..	36.06	178	146	
d Litlington	A. Wilkins, Esq.	8	1	0	19	..	35.88	169	133	
d Willingdon Sewage Farm	R. W. Fovargue, Esq.	5	1	0	24	..	33.69	147	122	
d Pevensey Pumping Station	R. W. Fovargue, Esq.	5	1	0	12	..	30.52	152	115	

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		Ground		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			above Ground.	ft.	above Sea Level.	in.			
SUSSEX—(con.).									
5.—CUCKMERE & C.—(con.).									
d Pevensey Bay (Beach House) .. J. H. Anderson, Esq., C.E.		5	1	5	21	..	28·45	168	116
d Pevensey Bay Pumping Station R. W. Fovargue, Esq.		5	1	0	7	..	29·72	154	118
d Bexhill (Egerton Park) H. J. Sargent, Esq.		8	1	0	12	..	28·47	149	124
d St. Leonards (Gensing Gardens) W. Ruskin Butterfield, Esq.		8	1	0	178	28·4	33·52	213	137
d Hailsham (North Street) R. Matthews, Esq.		5	1	0	105	..	34·31	196	127
d Hurstmonceaux Place H. A. James, Esq.		5	0	8	83	..	29·90?	..	..
d Hailsham (Magham Down) E. M. Bear, Esq.		5	1	0	90	..	33·31	173	123
d Hastings (Newgate) (R) The Engineer.		8	5	6	240	..	29·91	157	119
d Hastings (Halton Reservoir) .. The Engineer.		5	1	0	300	..	32·34	162	134
d Hastings (Fairlight Reservoir) .. The Engineer.		5	1	0	523	..	30·99	153	127
d Ninfield (Hazard's Grn Pmp. St.) .. E. Pollard, Esq.		8	0	10	74	..	28·16	197	119
d Battle (Forewood W.W.) The Engineer.		5	1	0	46	..	28·51	160	115
d Battle (Campfield) Lt. Col. G. A. Yool		5	1	0	179	..	32·89	180	127
d Hellingly (Burlow) G. Berry Hamlin, Esq.		5	1	0	209	..	33·83	196	129
d Horeham Road (Coxlow) Miss P. C. Harrison		5	1	0	260	..	32·96	179	130
d Horeham Rd. (Hollycroft Cott.) .. J. Hamlin, Esq.		5	1	0	300	..	33·58	177	127
d Horeham Road (Holmwood) .. Rev. G. T. Maw		5	0	6	380	..	34·08	161	125
d Heathfield (The White Cottage) J. F. Leigh Clare, Esq.		5	1	0	500	..	33·61	176	125
6.—ROTHER. 194 sq. mi.									
d Westfield Vicarage Rev. E. J. Morgan		5	5	6	101	..	30·79	190	122
d Brede Pumping Station The Engineer.		8	1	0	37	..	31·08	145	115
d Udimore (The Wick) Major R. P. Mair		8	1	0	92	..	33·14	143	108
d Rye (The Point) W. Gay, Esq.		5	1	0	120	..	33·81	176	132
d Rye (Fairfield House) W. Dawes, Esq.		5	1	1	145	..	33·07	151	125
d Brightling Park T. P. Tew, Esq.		5	1	0	545	..	37·55	179	129
d Peasmarsh (The Place House) .. Lt. Col. G. W. Liddell, D.S.O.		8	3	0	200	..	34·76	173	121
d Peasmarsh (Woodside) A. W. Rickards, Esq.		5	0	11	100	..	36·44	160	128
d Beckley (Little Harmers) B. E. de N. Ramus, Esq.		5	1	0	160	..	35·25	176	141
d Heathfield (Tottingworth Park) Mr. J. Masson		5	1	0	500	..	37·21	178	137
d Northiam (Great Dixter) N. Lloyd, Esq., O.B.E.		8	1	0	209	..	33·04	170	128
d Ticehurst (Stonegate) W. J. Wheeler, Esq.		5	1	0	230	..	34·17	192	142
d Hurst Green (Boarzel) Sir F. W. Fison, Bart.		8	1	0	271	..	32·72	176	127
7.—MEDWAY. 117 sq. mi.									
d Rotherfield (Horsegrove Fm.) .. F. W. Shaw, Esq.		5	1	0	528	..	36·14	181	135
d Crowborough (Tudor Lodge) .. F. Holroyd, Esq.		5	1	0	620	..	36·50	188	128
d Crowborough (Jarvis Brook) .. Crowborough Water Co.		5	1	0	325	..	36·25	174	130
d Crowborough (Uckfield Lodge) .. Mrs. A. M. Driberg		8	1	0	796	36·0	38·25	164	120
d Wadhurst (Lower Cousley Wd) F. Wilkin, Esq.		5	1	0	416	..	30·82	180	128
d Forest Row (Wych Cross Place) .. D. W. Freshfield, Esq., D.C.L.		5	1	0	600	..	34·78	159	132
d Forest Row (Hindleap Lodge) .. Mr. A. Adam		5	1	6	620	..	39·07	166	132
d Forest Row (Coleman's Hatch Vic) Rev. H. C. B. Foyster		5	0	8	300	..	32·97	195	129
d Forest Row (Charlwood Farm) .. A. Hoare, Esq.		5	2	0	350	..	36·08	..	152
d Frant (Hazelhurst) J. H. A. Love, Esq.		5	1	3	450	..	31·88	187	125
d Frant (Henley House) Rev. E. Malden		5	1	6	440	..	32·81	187	125
d Frant (Eridge Castle) Mr. A. Wilson		5	2	0	400	..	33·77	159	149
d Frant (Highfield) H. P. Eeles, Esq.		5	2	3	413	..	32·65	..	..
d Crawley Down (The Grange) ... T. H. W. Buckley, Esq.		5	0	9	430	..	33·02	180	129
d E. Grinstead (Brockhurst Obsy) W. S. Franks, Esq.		8	1	0	435	..	34·33	217	126
d Wadhurst (Downgate) E. P. Gatty, Esq.		5	1	6	300	..	34·65	161	121
8.—THAMES—Mole. 27 sq. mi.									
d Turners Hill (Hill House) Miss R. M. Ravenshaw ...		8	1	6	477	..	35·49	184	140
d Worth (Worth Lodge) C. W. Nix, Esq.		5	1	0	340	..	31·42	185	124
d Crawley (The Beeches) N. Longley, Esq.		8	1	0	220	..	30·83	143	118
9.—THAMES—Wey. 10 sq. mi.									
d Milland House S. Thompson, Esq.		5	1	0	425	..	31·68	173	134
d Liphook (Ripsley) W. D. Bosanquet, Esq.		5	1	0	400	..	33·27	177	140

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926		
		Diam.	Height of			Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground Sea Level.				
HAMPSHIRE. (Area 1622 sq. mi.)		in.	ft.	in.	ft.	in.		
1.—ISLE OF WIGHT. 150 sq. mi.								
▮ Ventnor (Flint Cottage)	J. S. Ineson, Esq.	5	1	0	99	..	30·27	163
▮ Ventnor (Royal National Hos.)	Miss N. G. Abercrombie	5	1	0	59	28·9	31·85	173
▮ Ventnor (Public Park)	Ventnor U.D.C.	5	0	6	196	..	29·81	157
▮ Ventnor (Fern Bank)	A. W. Jolliffe, Esq.	5	1	5	250	..	32·56	178
▮ Godshill (Daffodil Valley Farm)	S. Lunniss, Esq.	5	1	0	195	..	32·99	151
▮ Shanklin (Pomona Road)	The Town Surveyor	8	1	7	199	..	33·46	164
▮ Brightstone Rectory	Miss I. M. Silver	5	1	0	140	..	33·73	147
▮ Sandown	The Surveyor	8	1	0	30	..	30·62	209
▮ The Needles (Golf Club)	Mrs. G. E. Newnham	5	4	0	300	..	23·01	144
▮ Totland Bay (Aston House)	J. Dover, Esq.	8	1	0	140	28·5	28·11	154
▮ Freshwater (Pumping Station)	J. Dover, Esq.	8	1	0	20	..	30·42	163
▮ Bembridge (The Grange)	Major F. A. Edwards, J.P.	5	0	9	100	..	29·24	161
▮ Newport (The Mall)	J. F. Jackson, Esq.	5	1	0	48	..	33·62	165
▮ Ryde (New Lodge, S. John's Pk)	Mrs. Dobie	5	1	0	147	..	30·49	179
▮ Ryde (Perivale)	Major E. C. Murray	5	1	3	173	..	31·64	166
▮ Ryde (Buckland Grange)	Lt. Col Sir Hugh Daly	5	1	0	90	..	30·07	208
▮ Ryde (Esplanade Gardens)	B. F. Holness, Esq., C.E.	5	1	9	12	..	27·38	158
▮ Wootton (Fernhill)	Major C. G. Brodie, M.C.	8	0	6	118	..	30·33	169
▮ Wootton (Oak Lawn)	R. W. Hutton, Esq.	5	0	9	80	..	30·08	173
▮ East Cowes (Spring Hill)	G. Shedden, Esq.	5	1	0	123	..	26·97	156
▮ Cowes W.W. (Broadfields)	J. W. Webster, Esq., C.E.	5	1	0	161	..	27·53	155
2.—STOUR. 32 sq. mi.								
Bournemouth (Pleasure Gdns)	C. Dales, Esq.	5	1	0	10	..	27·07	161
▮ Bournemouth (East Cliff)	Dr. F. G. Penrose	8	1	0	120	..	29·03	156
▮ Bournemouth (Westcliff Road)	Rev. G. A. Rideout	5	1	0	145	..	34·49	169
▮ Bournemouth (Rodney House)	S. Hyla Greves, Esq.	5	1	0	145	..	31·59	162
▮ Bournemouth (Vale View)	C. Dales, Esq.	5	1	0	145	31·5	25·18	167
▮ Bournemouth (Howard Road)	E. D. Shawfield, Esq.	5	1	8	117	..	33·20	161
▮ Christchurch (Air Compressing Sta.)	Borough Surveyor	5	0	10	6	..	30·07	..
▮ Christchurch (Heron Court)	The Earl of Malmesbury	5	1	2	25	..	36·31	166
▮ Ringwood (St. Leonards)	S. O. Ferry, Esq.	5	0	8	60	..	31·00	179
▮ Ringwood (St. Leonards)	J. F. Turner, Esq.	8	1	0	62	..	33·95	163
▮ Christchurch (Harrow Lodge)	R. C. Bacon, Esq.	8	2	0	135	..	33·70	173
3.—EAST AVON & C. 114 sq. mi.								
▮ Ringwood (Bisterne)	Major J. D. Mills	8	1	2	45	..	33·63	171
▮ Ringwood (Ashley)	Miss M. E. Williams	5	1	0	100	..	38·06	228
▮ Crow Hill	Mrs. H. F. Rawstorne	5	1	0	250	..	33·79	168
▮ Ringwood (Grey Friars)	R. W. Christy, Esq.	5	1	0	50	..	31·31	..
▮ Fordingbridge (Cuckoo Hill)	Heywood Sumner, Esq.	5	1	0	150	..	34·43	189
▮ Fritham (Fritham House)	H. H. S. Northcote, Esq.	5	1	0	399	..	37·67	163
▮ Fordingbridge (Dockens)	E. W. Poore, Esq.	8	1	0	140	..	34·96	175
▮ Fordingbridge (Oaklands)	S.B. Rake, Esq.	8	1	0	135	31·7	35·39	180
4.—TEST & SOLENT. 551 sq. mi.								
▮ Milford-on-Sea (Salt Grass)	A. C. G. Heygate, Esq.	5	1	0	6	..	29·88	159
▮ Lyminster (The Salterns)	P. A. Ouvry, Esq.	5	1	0	4	..	28·12	165
▮ Lyminster (Woodmancote)	Major G. M. Harding	5	1	0	70	..	30·74	175
▮ New Milton (White Cottage)	Rev. W. M. Furneaux, D.D.	5	0	8	105	..	33·44	162
▮ Sway (Sway Wood)	J. Dixon, Esq.	5	1	0	150	..	34·26	156
▮ Boldre (Battramsley Close)	Dr. H. A. Des Voeux	5	0	7	119	..	32·44	169
▮ Beaulieu (Drokes)	Col. D. Mills	5	1	0	45	..	25·18	..
▮ Brockenhurst (Setley)	Col. C. Mansel Jones	5	1	0	145	..	34·08	165
▮ Calshot (Seaplane Station) (†A)	The Meteorological Office	8	1	0	12	..	24·91	154
▮ Burley (Sandys)	G. Mason, Esq.	5	0	10	220	..	35·60	173
▮ Fawley (Cadland Park)	L. Smith, Esq.	8	4	6	52	..	29·40	141
▮ Lyndhurst (Allum Green)	Miss S. R. Fenwick	5	0	8	125	..	35·30	163
▮ Hythe (Dibden House)	Lt. Col. H. W. Kettlewell	5	0	6	85	..	32·19	166
▮ Totton (Shorne Hill)	Capt. J. H. W. Rennie	5	1	0	130	..	34·45	176
▮ Southampton (East Park)	Col. E. M. Jack, R.E.	8	1	0	66	30·9	29·37	175
▮ Brockenhurst Manor Golf Club	A. E. Phillips, Esq. . . . .	..	1	2	25	..	31·31	161

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
HAMPSHIRE—(con.).		in.	ft.	in.	ft.	in.		
4.—TEST & SOLENT—(con.).								
M Southampton Common Res.	E. C. Rodda, Esq., C.E.	5	1	0	193	..	27-92	..
D Cadnam (Copythorne House)	N. M. Lawrence, Esq.	5	3	0	150	..	34-54	162 136
D Romsey (Embley Gardens)	J. J. Crosfield, Esq.	5	1	0	130	..	31-71	166 129
D Romsey (Harefield)	Lt. Col. W. J. Langford	5	1	6	120	..	30-61	162 133
D Romsey (Timsbury)	E. C. Rodda, Esq., C.E.	8	1	8	96	..	29-32	166 128
D Horsebridge (Bossington House)	Mrs. Mansell-Jones	8	0	9	98	..	31-07	153 128
D Ashley Manor	J. C. Macro Wilson, Esq.	5	1	0	300	..	30-63	172 131
D Upper Somborne (Clock Ho.)	Mr. C. Alleway	8	1	0	250	..	31-30	153 128
D Broughton	W. Steele Tomkins, Esq.	5	5	0	130	..	30-23	145 123
D Stockbridge (Houghton Lodge)	Mr. G. Morris	5	1	0	112	..	31-76	156 132
D Crawley (Chilbolton Down)	R. Hargreaves, Esq.	8	1	2	350	..	32-97	165 133
D Wonston (Upton House)	H. J. Gardiner, Esq.	5	1	0	229	..	30-47	171 129
D Wonston	C. de Lacy Lacy, Esq.	5	3	0	217	..	30-03	186 127
D Andover (Aerodrome)	(+A) The Meteorological Office.	8	1	0	295	..	29-11	173 128
D Fyfield Rectory	Rev. E. K. R. Reynolds	5	1	3	255	..	29-78	169 130
D Whitchurch (The Yews)	C. Echlin Gerahty, Esq.	5	1	0	230	..	32-08	187 134
D St. Mary Bourne (Bournside)	Prof. C. V. Boys, F.R.S.	5	1	0	300	..	29-10	180 131
D St. Mary Bourne (Spring Hill)	Mrs. H. A. Boys	5	1	4	300	..	28-92	166 132
D Worthing (Manydown Park)	(R) Col. A. S. Bates	8	2	0	415	..	30-86	160 136
D Hurstbourne Tarrant (Rookery)	R. E. C. Burder, Esq.	5	1	0	331	..	31-52	179 131
D Whitchurch (Dunley Manor)	Sir Alfred Herbert	5	3	4	500	..	30-15	167 130
D Vernham Dean (Rowe House)	Mrs. E. H. Gamble	5	0	7	620	..	33-20	176 139
5.—ITCHEN & SPITHEAD. 422 sq. mi.								
D Alverstoke (Monckton House)	Major J. Blake	5	1	3	15	..	26-93	169 126
D Alverstoke (Glencoe)	J. G. Thomas, Esq.	5	1	3	20	..	25-69	166 127
D Portsmouth (Eastney)	A. W. Ward, Esq., C.E.	8	0	6	16	..	24-02	146 113
D Portsmouth (Victoria Park)	Dr. A. Mearns Fraser	5	1	0	15	27-7	26-41	160 121
D Hayling Island (Richmond Ho.)	E. S. McEuen, Esq.	5	1	2	16	..	26-05	157 122
D South Hayling (C. of E. School)	H. J. Earney, Esq.	5	1	6	10	..	28-06	159 118
D Lee-on-Solent (Edinburgh Ho Sch)	Trevor J. Tatham, Esq.	5	1	0	15	..	26-69	143 121
D Portchester (Noel Cottage)	Miss R. M. Frost	5	2	2	..	..	23-89	146 109
D Titchfield	Capt. E. H. Buxton	5	0	10	25	..	29-82	166 132
D Fareham (Fareham House)	W. S. Stevenson, Esq., M.D.	5	1	6	30	..	27-79	144 119
D Fareham (Roche Court)	Lady De Salis	5	1	0	103	..	31-41	176 127
D Havant (Farlington)	D. Halton Thompson, Esq.	5	1	0	77	..	25-21	161 119
D Havant (Portsmouth W.W.)	D. Halton Thompson, Esq.	5	1	0	25	..	25-26	159 114
D Purbrook (The Haven)	Mr. D. R. McLaren . . . . .	..	..	..	..	..	35-02	..
D Netley (Lake House)	Miss Pennington	8	1	0	54	..	29-10	170 133
D Cowplain (Forest View)	H. C. Pearson, Esq.	5	5	0	222	..	32-62	184 135
D Wickham (The Lower House)	M. Gn. Sir C. H. Powell, K.C.B.	5	1	4	100	..	28-78	140 118
D Wickham (Park Place)	Major A. F. Clifford	8	1	10	150	..	29-16	156 121
D Southampton (Corporation Whf.)	J. A. Crowther, Esq., C.E.	5	6	0	10	..	27-79	161 123
D Southampton (Portsmouth)	J. A. Crowther, Esq., C.E.	5	1	9	10	..	28-43	153 125
D Botley (Brook House)	Beckett Powell, Esq.	5	3	2	45	..	29-54	..
D Botley (Botley Hill)	Lady Jenkyns	5	1	6	36	..	28-89	172 132
D Botley (Uplands Farm)	Mr. Wilmot H. Yates	5	1	0	60	..	28-98	161 128
D Curdridge (Beechcroft)	Miss L. M. S. Pasley	5	1	0	96	..	29-14	182 138
D Curdridge (Kitnocks House)	Major C. F. Randolph	5	0	6	185	..	28-55	193 125
D Swanmore (Holywell House)	Mrs. M. Portal	5	1	6	175	..	31-08	159 132
D Soberton (Mislingford)	E. T. Hildred, Esq., C.E.	5	1	0	136	..	29-67	160 120
D Chalton (Woodcroft)	C. J. P. Cave, Esq., J.P.	5	1	0	230	..	35-35	..
D West End (Oaklands)	Capt. P. C. Pearson, R.N.	5	1	0	45	..	28-34	162 128
D Bishops Waltham (Park Ho.)	A. F. Hardy, Esq.	5	1	3	170	..	27-23	162 124
D Swanmore House	W. H. Myers, Esq.	5	..	..	390	..	32-00	..
D Droxford (Uplands)	Miss Bridge	5	1	0	279	..	33-91	188 137
D Droxford (Fairfield House)	H. Hamilton Bridge, Esq.	5	0	9	254	..	32-88	176 142

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
HAMPSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
5.—ITCHEN & SPITHEAD—(con.).									
D Droxford (Fir Hill)	Capt. Mackenzie-Grieve, R.N.	5	3	6	212	..	29·60	181	130
D Petersfield (Ditcham Park)	C. J. P. Cave, Esq., J.P.	8	1	0	555	..	35·66	194	129
M Petersfield (Downley)	C. J. P. Cave, Esq., J.P.	5	1	4	374	..	37·62	..	..
D Fair Oak (Fisher's Pond)	G. M. Mathews, Esq.	5	1	0	91	..	26·76	160	127
D Otterbourne House	E. Christian, Esq.	5	1	6	111	..	27·89	170	131
D Otterbourne (W.W. Shawford)	E.C. Rodda, Esq., C.E.	5	1	0	113	..	27·42	172	120
D Owslebury Vicarage	Rev. A. E. Briggs	5	1	1	376	..	28·14	177	137
D Twyford (Pumping Station)	E. C. Rodda, Esq., C.E.	8	1	9	139	..	28·50	176	132
D Twyford (Mallards Close)	G. R. Marsh, Esq.	5	1	0	153	..	27·55	166	124
D East Meon (Burnside)	H. A. Gilmour, Esq.	5	1	5	..	..	33·07	152	130
D Winchester (Shawford)	J. A. Rooke, Esq.	5	1	0	300	..	27·33	162	122
D Hursley Park	(R) Sir G. A. Cooper, Bart.	10	1	6	240	..	24·78	160	118
D Compton (Kennington)	J. Durst, Esq.	5	1	1	250	..	27·59	160	125
D Compton (Home Close)	A. M. Heathcote, Esq.	5	0	10	200	..	28·19	147	123
D West Meon (Westwood)	Major G. E. Galbraith	5	1	9	470	..	32·81	197	138
W Kilmeston Manor	W. J. Heathcote, Esq.	5	4	6	323	..	29·69	..	..
Petersfield (Broadhanger)	Mrs. R. M. Caulfield	5	1	0	730	..	38·66	196	..
D Winchester (East Hill)	Mrs. E. Wilde	5	1	0	256	..	27·61	192	125
D West Tisted Manor	Capt. Nelson Zambra	5	1	3	650	..	34·19	180	134
D Titchborne Rectory	Rev. C. H. Conybeare	5	1	0	242	..	33·08	169	134
D Ropley Vicarage	Rev. H. W. C. Geldart	5	0	10	350	..	30·53	177	129
D Bishop's Sutton (North Court)	R. S. Sandford, Esq.	5	1	1	250	..	33·16	191	137
D East Tisted (Rotherfield Park)	Capt. J. B. Scott	5	1	0	550	..	38·36	177	135
D Ovington Rectory	Rev. H. L. Atkins	5	1	0	221	33·2	35·12	150	136
D Itchen Abbas (Chilland)	W. J. Arnold, Esq.	5	1	3	200	..	31·00	196	135
D Old Alresford (The Gables)	A. E. Broad, Esq.	5	1	0	300	..	32·19	149	130
6.—ARUN. 32 sq. mi.									
M Petersfield (Sunwood)	C. J. P. Cave, Esq., J.P.	5	0	11	479	..	36·79	..	..
D Petersfield (Weston)	Capt. P. W. Seward	5	1	0	330	..	37·45	160	146
D Petersfield (Stoner Hill) ..	(+A) C. J. P. Cave, Esq., J.P.	5	0	9	748	..	38·29	185	141
D Liss (Easton)	Miss E. Barton	5	1	0	500	..	32·85	178	132
Liss (Heathmount)	R. A. Bosanquet, Esq.	5	4	6	461	..	34·26	..	..
D Liss (Berry Grove House)	Col. A. de B. V. Paget	5	1	1	250	..	31·97	160	123
D Liss (Kippences)	Rev. W. A. H. Thorold	5	0	9	250	..	33·86	165	123
D Liss (Hawkeley Hurst)	T. Clive Davies, Esq.	5	0	11	422	..	39·07	186	138
D Greatham (Manor House)	Miss I. L. Coryton	5	0	7	250	..	32·64	166	128
D Greatham (Le Court)	Sir Heath Harrison, Bart.	5	0	9	350	..	35·49	173	136
7.—THAMES—Wey. 92 sq. mi.									
D Liphook (Hammershott)	Mrs. G. H. Trollope	5	1	0	400	..	31·86	..	123
D Newton Valence Vicarage	Rev. A. C. Maclachlan	5	1	0	586	..	34·07	202	132
D Newton Valence Place	Rear-Adl. E. Jervoise, C.B.E.	8	1	5	615	..	32·60	186	131
D Selborne (The Wakes)	Mrs. Bibby	5	1	0	400	..	35·99	185	135
D Grayshott	Mrs. Lyndon	5	1	0	661	33·2	32·44	187	131
D Alice Holt Forest	Office of Woods	8	1	0	264	..	29·72	184	126
8.—THAMES—Loddon. 164 sq. mi.									
D Swainshill	S. G. Weller, Esq.	..	..	..	..	..	30·60	..	117
D Long Sutton (Agric. Coll.)	The Warden	5	1	0	479	..	28·66	178	122
D South Warnborough (Vine Cot.)	Mrs. Gawne	5	0	11	416	..	28·82	163	131
D Upton Grey (Hoddington Ho.)	Lord Basing	8	1	0	378	..	34·31	171	137
D Upton Grey House	G. W. Hayes, Esq.	8	4	6	400	..	30·97	..	..
D Aldershot (Sewage Works)	Dr. G. W. Routley	5	1	0	231	..	26·32	184	123
D Hook (Nately Hatch)	R. C. Mallock, Esq.	5	1	0	328	..	26·48	177	128

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
HAMPSHIRE—(con.).			in.	ft.	in.	ft.	in.		
8.—THAMES—Loddon—(con.).									
d Sherborne St. John	Rear-Admiral A. S. Lafoné	5	1	0	260	29·0	28·17	162	126
Farnborough School	R. A. Ingram, Esq.	5	1	2	250	..	24·45	..	..
d Winchfield (Elvetham Park) ..	Mr. T. J. Brownjohn	8	1	0	217	..	26·83	186	125
d South Farnborough (R.A.E.)(+A)	The Meteorological Office	8	1	0	230	..	25·88	174	121
d Bramley (Street Farm House) ..	F. Walkinshaw, Esq.	8	1	0	227	..	30·78	167	136
d Stratfieldsaye	late Rev. F. Page-Roberts.	5	0	8	218	..	27·63	184	140
d Heckfield (Park Corner)	Miss Martineau	5	1	2	257	24·3	24·70	165	119
9.—THAMES—Kennet. 65 sq. mi.									
d Wolverton (Ewhurst Park) ...	Mr. H. J. Beckingham	5	1	6	500	..	27·57	175	129
d Highclere (Castle Gardens) ...	Mr. A. W. Blake	5	1	6	500	..	33·50	164	137
d Highclere (Black Ford)	W. A. Turner, Esq.	5	1	0	439	..	31·95	169	138
d Highclere (Adbury Pk.Gdns.) ..	Mr. C. Street	5	1	0	350	..	29·85	190	141
BERKSHIRE. (Area, 722 sq. mi.).									
1.—TEST. 2 sq. mi.									
2.—THAMES—Bourne. 15 sq. mi.									
d Ascot (Heatherwood Hospital).	The Medical Superintendent	5	1	0	320	..	26·18	164	124
3.—THAMES—Loddon & c. 162 sq. mi.									
d Finchampstead (Ridgeways) ...	T. C. Horsfall, Esq.	5	1	0	320	..	24·97	149	126
Finchampstead (Manor Farm) ..	M. B. Powell, Esq.	5	1	6	238	..	24·26	..	..
d Wellington College	A. L. Payne, Esq.	5	1	0	290	26·4	24·53	172	123
d Wokingham	C. W. Marks, Esq.	5	1	0	174	..	24·90	170	125
d Wokingham (Appin Lodge) ...	Rev. W. N. Blakeney	8	0	10	200	..	24·76	159	112
d Bracknell (Hillside)	Mrs. Littlewood	5	1	0	207	..	26·17	164	127
d Winkfield (Ryemead)	Mrs. Aubrey Elliott	5	0	10	220	..	26·00	180	131
d Winkfield (Maidens Green) ...	R. Crosbie-Hill, Esq.	5	1	0	210	..	25·39	169	127
d Windsor (Royal Gardens) ...	Mr. C. H. Cook	5	1	0	88	24·9	26·88	176	131
d Windsor (Bicton)	Miss M. G. Cookson	8	1	0	88	..	25·37	170	125
d Maidenhead (The Pagoda) ...	H. G. Barker, Esq. ....	..	..	..	..	..	25·63	146	121
Pinkney's Green (Pinkney's Ldge)	R. P. Lord, Esq.	5	0	10	240	..	26·29	..	..
d Remenham Hill (Wedmore) ...	Lt.-Col. C. D. Burnell, D.S.O.	5	1	0	300	..	26·90	192	135
d Hambleden Lock	Mr. S. J. Bourner	5	2	0	120	..	26·50	181	134
d Hurley House	Rev. W. Farrer	5	1	0	105	..	25·47	160	124
d Hurley (Temple House)	G. Groves, Esq.	5	1	0	105	..	27·99	197	139
4.—THAMES—Kennet & c. 224 sq. mi.									
d Inkpen (Willows)	G. C. Goodhart, Esq.	5	2	0	490	..	30·13	..	..
d Hampstead Marshall (Redhill) ..	Mrs. Lewis	5	1	0	400	..	29·88	143	126
d Mortimer (Wokefield Park) ...	A. Palmer, Esq.	5	4	0	220	..	25·88	163	117
d Brimpton (Stonehouse)	F. Hadden, Esq.	5	0	7	350	..	27·22	176	133
Kintbury (Wallingtons)	A. S. Gladstone, Esq.	5	0	9	360	..	29·10	..	..
d Newbury (Greenham Common) ..	H. L. Bowman, Esq., D.Sc.	5	1	0	327	29·0	29·58	187	140
d Newbury (Wash Hill)	C. F. B. Marshall, Esq.	5	1	0	360	..	31·49	192	146
d Newbury (Andover Road) ...	J. H. Spackman, Esq.	5	1	0	344	..	30·70	222	145
d Shinfield (University Col. Farm)	Dr. J. A. Crowther	5	1	0	200	..	25·69	166	124
d Bucklebury Place	Dr. Carl Langer	5	1	0	409	..	25·88	175	136
d Reading W.W. (Bath Road) ...	L. C. Walker, Esq., C.E. ..	5	1	8	218	..	25·16	169	136
d Reading (Forbury Gardens) ...	A. S. Parsons, Esq., C.E. ..	5	1	5	143	24·9	24·51	170	123
d Reading (University College) ...	Dr. J. A. Crowther	5	1	0	152	..	25·89	175	132
d Reading (Alexandra Road) ...	W. Haynes, Esq.	5	1	0	145	..	25·46	167	125
d Reading (Waverley Road) ...	W. E. Austen, Esq.	5	1	3	..	..	26·47	172	124
Reading (Caversham Lock) ...	The Thames Conservancy .	5	1	6	123	..	23·48	148	123

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
BERKSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.	
5.—THAMES—Ock & c. 319 sq. mi.								
d Reading (Englefield)	J. H. Benyon, Esq.	5	1	0	175	27.4	26.56	175 135
d Hermitage (Oare)	F. Bateson, Esq.	5	1	0	450	..	27.17	187 128
d Hampstead Norris	John Brown, Esq.	5	0	6	300	..	26.34	181 141
d Lower Basildon (Estate Office)	A. J. Cox, Esq.	8	..	..	..	..	26.46	160 124
d Upton (Manor House)	Miss Fry	5	1	0	240	..	24.15	193 136
d Wantage Vicarage	Rev. A. Gossage Robinson	5	0	9	312	..	28.99	198 141
d Uffington Vicarage	Rev. E. M. Hadow	5	1	0	287	..	29.18	189 134
Steventon (Milton Hill)	R. H. Betteridge, Esq.	5	1	6	300	..	25.93	.. ..
d Wallingford (St. Leonard's R.)	Rev. A. Simmons	5	1	0	142	..	24.33	168 128
d Wallingford (Woodlea)	G. F. Slade, Esq., M.B.E.	5	0	9	200	..	24.22	157 125
Wallingford Castle	Miss Hedges	5	1	6	175	..	24.54	167 100
d Abbots Wittenham Rectory	Rev. W. F. B. Ward	5	1	0	190	..	22.31	177 124
d Long Wittenham (Willington)	H. J. Hewett, Esq.	5	1	0	167	..	25.00	165 139
d Faringdon (The Nurseries)	Messrs. R. Tucker & Sons	5	1	0	400	..	26.81	172 131
d Abingdon (Twickenham House)	G. Saxby, Esq.	5	13	0	197	..	26.02	178 129
d Abingdon (Sewage Works)	Walter H. Lewis, Esq., C.E.	5	0	6	169	..	25.42	150 128
d Abingdon (Donnington)	R. W. Langford, Esq.	5	1	6	199	..	29.74	197 140
d Abingdon (Northcourt House)	M. T. Tatham, Esq.	5	1	0	190	..	26.25	177 129

DIVISION III.—SOUTH MIDLAND COUNTIES.

MIDDLESEX. (Area, 232 sq. mi.)

1.—THAMES—Colne & Brent. 185 sq. mi.

Weybridge (Shepperton Lock) ..	Thames Conservancy	5	1	0	41	..	24.07	138
d Shepperton (Charlton Court) ..	Met. Water Board	5	1	0	42	..	25.25	156
d Hampton Waterworks	Met. Water Board	5	1	0	27	..	23.21	159
d Hampton (The Manor House) ..	J. Hughes, Esq.	5	2	0	43	..	22.52	152
d Teddington (Holmesdale)	E. J. Allcard, Esq.	5	4	2	25	..	25.47	155
d Staines Reservoir (West Side) ..	Met. Water Board	5	1	6	53	..	24.88	188
d Staines Reservoir (East Side) ..	Met. Water Board	5	1	6	53	..	25.34	188
d Twickenham (Sewage Works) ..	F. W. Pearce, Esq., C.E.	5	1	7	37	..	24.66	153
d Hounslow (St. Stephen's Vicarage)	Rev. R. Dixon Box	5	1	0	67	..	24.49	160
d Wyrardisbury River	J. H. Webb, Esq.	5	1	0	73	..	23.31	..
d Sipson (Hollycroft)	Mr. W. J. Mitchell	5	1	0	94	..	24.21	162
d Kew Bridge (Waterworks)	Met. Water Board	5	1	0	36	..	24.83	159
d Chiswick (Turnham Green)	E. Willis, Esq., C.E.	8	1	0	21	..	25.60	..
d Ealing (Longfield Avenue)	W. R. Hicks, Esq., C.E.	5	0	9	114	..	23.86	154
d Ealing (Gordon Road)	H. Satchell, Esq.	5	1	0	105	..	25.83	170
d Ealing (St. Stephen's Road) ..	H. W. Peal, Esq.	5	0	10	156	..	25.57	164
d Ealing (Hanger Hill Reservoir) ..	Met. Water Board	5	1	0	206	..	27.68	166
d Perivale (Northern Sewage Farm) ..	W. R. Hicks, Esq., C.E.	5	0	5	56	..	26.80	185
d Alperton (Sewage Works)	C. R. W. Chapman, Esq., C.E.	8	1	2	80	..	27.65	184
d Willesden Reservoir	Met. Water Board	5	1	0	167	..	26.90	..
d Willesden Green (Strode Road) ..	Miss Lampport	5	1	0	150	..	27.46	185
d Willesden (Stonebridge Fm.) ..	(R) F. Wilkinson, Esq., C.E.	10	5	9	100	..	25.54	146
d Sudbury (Station Approach) ..	L. H. Powers, Esq.	8	1	0	153	..	25.98	174
d Golders Green (Dunstan Road) ..	Capt. A. E. Mackenzie	5	1	0	240	..	28.48	180
d Highgate (North Hill)	L. J. Tatham, Esq.	5	1	0	400	..	27.35	167
d Highgate (North Hill Depot) ..	W. H. Adams, Esq., C.E.	5	5	4	309	..	26.05	159
d Harrow (Rosebank Avenue)	C. L. Modlen, Esq.	5	1	0	200	..	25.12	171
d Harrow (Oakhurst)	Hugh Gardner, Esq.	5	1	0	295	..	27.79	167
d Harrow (Bessborough Rd. Depot) ..	J. P. Bennetts, Esq., C.E.	5	1	0	215	..	27.45	146
d Hendon (Sewage Works)	(R) A. O. Knight, Esq., C.E.	6	1	6	153	..	26.18	159
d Hendon (Central School)	J. Burgess, Esq.	5	1	0	200	..	27.83	183
d Wealdstone (Sewage Works) ..	H. Walker, Esq.	8	1	0	154	..	27.58	168

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926			
		Diam.	Height of		ft.		in.	Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.						
MIDDLESEX.—(con.).		in.	ft.	in.	ft.	in.	in.			
1.—THAMES—Colne & Brent—(con.).										
d Wealdstone (Kodak Works)	Messrs. Kodak, Ltd.	5	6	6	198	..	26·65	154	115	
d Pinner (West End Lane)	Mrs. Fowler	5	1	6	165	..	27·00	171	122	
d Harrow (Wealdstone House)	Miss H. O. E. Cobb	5	1	0	236	..	27·24	..	..
d Harrow Weald (Hill House)	A. Crossman, Esq.	5	3	6	284	..	27·18	165	119	
d Hatch End (Royston Park)	W. J. Hill, Esq.	5	2	2	286	..	30·50	199	140	
d Northwood (Tandridge)	Chas. Price, Esq.	5	1	0	..	..	27·83	156	134
d Northwood (Haslemere)	Miss McBean	5	1	0	240	..	29·53	140	116	
d Northwood (Ravenswood)	M. T. Allen, Esq.	8	0	10	366	..	28·58	156	123	
d Mill Hill (Ridgeway House)	Major N. G. Brett-James.	5	1	0	375	..	28·71	168	121	
d Bushey Heath (Highfield)	W.B. Worthington, Esq. C.E.	5	1	0	503	..	28·34	161	125	
d Potters Bar (Mount Grace)	Mr. E. W. Halsey	5	1	3	375	..	29·59	167	134	
2.—THAMES—Lea. 47 sq. mi.										
d Stroud Green (Mount View Rd.)	L. R. Bennett, Esq.	5	1	0	212	..	26·60	163	119	
d Crouch End (Barrington Road)	W. H. Adams, Esq., C.E.	8	3	10	122	..	29·28	180	135	
d Tottenham (Drayton Road)	Medical Officer of Health.	5	1	3	51	..	27·83	153	127	
d Hornsey (High Street)	Met. Water Board.	5	1	2	107	..	31·58	164	129	
d Muswell Hill (Grand Avenue)	V. S. M. Williams, Esq.	5	1	5	317	..	27·99	..	..
d Muswell Hill (Sewage Farm)	W. H. Adams, Esq., C.E.	8	4	5	214	..	29·66	176	129	
d Wood Green (Maryland Road)	Mr. F. C. Hornsey	5	1	0	110	..	25·67	160	122	
d Finchley (Victoria Park)	P. T. Harrison, Esq., C.E.	5	1	0	272	..	29·66	169	132	
d North Finchley	Miss M. Shoults	5	0	8	290	..	29·71	170	118	
d Palmers Gr. (Broomfield Pk.) (+A)	R. Phillips, Esq.	8	1	3	136	..	26·23	147	121	
d Southgate	Dr. A. S. Ransome	5	1	0	250	..	28·52	170	126	
d Ponders End (Bylock Hall)	Harold E. Freir, Esq.	5	1	0	50	..	27·52	166	127	
d Ponders End Pumping Station	Met. Water Board.	5	1	0	45	..	26·96	164	122	
d Enfield (Southbury Road)	Met. Water Board	5	1	0	105	24·7	26·96	175	125	
d Enfield (Public Offices)	Dr. W. P. Warren	8	43	0	143	..	27·06	193	123	
d Enfield (Roselands, Turkey St.)	E. S. Rashleigh, Esq.	5	0	7	70	..	26·71	167	116	
d Waltham Cross (Sewage Works)	J. E. Sharpe, Esq.	5	1	6	61	..	26·46	146	110	
HERTFORDSHIRE. (Area, 635 sq. mi.)										
1.—THAMES—Thame. 10 sq. mi.										
Tring (Pendley Manor)	Mrs. J. G. Williams	5	2	0	420	..	25·71	185	137	
2.—THAMES—Colne & Brent. 199 sq. mi.										
d Northwood (Woodhouse Eaves)	Miss S. F. Fox, M.D.	5	1	6	400	..	26·84	177	125	
d Northwood (Birshaw)	E. Preedy, Esq.	5	1	6	400	..	28·81	173	127	
d Heronsgate (Sherwood)	Miss K. Felkin	5	0	11	350	..	30·26	174	129	
d Bushey Heath (California La.)	Miss K. Cooper	5	0	10	500	..	29·62	..	..
d Rickmansworth (Croxley Green)	S. Ingleby Oddie, Esq.	5	1	0	262	..	29·97	..	..
d Totteridge (West Lodge)	W. H. Newman, Esq.	5	1	0	390	..	28·90	168	126	
d Barnet (Summerhill)	F. A. Milne, Esq.	5	1	0	400	..	29·06	172	126	
d Barnet (Bedford Avenue)	Miss Haines	5	1	4	350	..	30·23	184	135	
d Barnet (Normandy Avenue)	P. J. Neville, Esq.	5	1	0	409	..	29·93	177	123	
d Elstree (Aldenhall House)	Mr. E. Beckett	10	4	9	305	..	28·96	150	133	
d Watford (Oxhey Grange)	J. Doyle Penrose, Esq.	5	1	0	295	..	28·16	157	123	
d Watford (Colne Valley W. W.)	C. P. Sinclair, Esq.	5	1	2	200	..	28·25	173	126	
d Watford (Cassiobury Pk. Av.)	E. A. Robins, Esq.	5	1	0	240	..	27·03	..	..
d Watford (Park Road)	E. J. Slinn, Esq.	5	1	6	257	..	27·84	184	128	
d Watford (Waterworks P. S.)	W. W. Newman, Esq.	6	1	9	175	..	25·67	..	..
d Sarratt (Micklefield Green)	T. O. Hickman, Esq.	5	1	0	380	..	29·99	159	137	
d Shenley Grange	J. Charrington, Esq.	5	0	9	430	..	29·58	150	132	
d Shenley (Kitwells)	T. H. Riches, Esq.	5	1	0	420	..	30·43	168	135	
d Sarratt (Goldingtons)	P. Clutterbuck, Esq.	5	4	0	384	..	30·66	164	132	
d Chipperfield (Little Callipers)	A. W. Rivington, Esq.	5	0	8	407	..	29·70	156	130	

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926			
		Diam.	Height of		ft.		in.	Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Sea Level.						
HERTFORDSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.			
2.—THAMES—Colne & Brent—(con.).										
d King's Langley (Langley Rise)	T. Goldring, Esq.	5	1	0	300	..	30·13	160	136	
d Hemel Hempstead (Apsley Mills) Messrs. J. Dickinson & Co.		24	1	4	268	27·9	30·36	185	128	
d St. Albans (Co. Mental Hosp.)	G. Goodchild, Esq.	5	1	0	295	..	26·64	..	124	
d St. Albans (County Museum)	Mrs. Bullen	5	1	0	389	..	27·67	159	131	
d St. Albans (Oaklands)	J. Hunter Smith, Esq.	5	1	0	272	..	26·55	164	122	
d St. Albans (Gorhambury)	Mr. O. Twitchett	5	1	0	423	..	27·96	173	133	
d Berkhamsted (Rossway)	The Lady Hadden	5	1	3	590	..	25·97	207	131	
d Berkhamsted (Anglefield)	E. T. Browne, Esq.	5	1	0	450	29·8	30·01	188	140	
d Berkhamsted Golf Club	T. S. Wheeler, Esq.	8	1	0	550	..	27·48	181	135	
d Tring (Cowroast Lock)	W. Yates, Esq., C.E.	5	3	6	394	..	28·28	174	137	
d Harpenden (Rothamsted) (+A)	Lawes Agricultural Trust.	8	0	9	420	26·7	26·49	170	119	
d Harpenden (Rothamsted)	Lawes Agricultural Trust.	5	1	0	420	..	26·11	163	119	
d Harpenden (Rothamsted)	Lawes Agricultural Trust	72 × 87	0	9	420	..	28·38	184	124	
3.—THAMES—Lea. 340 sq. mi.										
d Hadley (Hadley Bourne)	Mrs. Weber	5	1	0	428	..	31·47	179	139	
d Cheshunt (Manor House)	J. E. Sharpe, Esq.	5	1	0	83	..	26·34	170	113	
d Northaw School	C. Steventon, Esq.	5	1	0	400	..	27·69	152	120	
d Cheshunt Yard	Met. Water Board.	5	1	0	100	..	27·96	160	118	
d Cheshunt (Cheshunt Park)	J. A. Wanklyn, Esq.	5	0	9	209	..	26·09	158	106	
d Cheshunt (Darnicle Hill P. Stn.)	J. E. Sharpe, Esq.	5	1	0	250	..	25·39	167	122	
d Hertford (Epping House)	Lady Brodie Henderson	5	0	9	400	..	26·29	173	117	
d Essendon Place Gardens	J. B. Healing, Esq.	5	1	0	365	..	27·74	..	110	
d Hatfield (Co. Surveyor's Office)	Lt.-Col. A. E. Prescott, C.E.	5	1	0	265	..	26·73	..	..
d Hoddesdon (Feilde's Weir)	Met. Water Board.	8	3	8	95	..	27·23	164	122	
d Haileybury College	B. M. C. Marshall, Esq.	8	1	4	270	..	26·93	166	117	
d Hertford (Bayfordbury)	H. W. Clinton Baker, Esq.	8	1	2	250	..	26·00	157	117	
d Stanstead Abbots (Warrax)	E. H. Barlow, Esq.	5	1	2	110	..	27·03	157	118	
d Gilston Park	Mr. J. Chitty.	8	1	0	175	..	27·03	185	124	
d Welwyn Garden City	Capt. W. E. James, C.E.	5	1	0	285	..	24·01	153	112	
d Hertford (Sewage Works)	Met. Water Board.	8	1	0	120	..	26·72	179	120	
d Ware (Red House)	Met. Water Board.	5	1	0	105	..	25·90	159	116	
d Ware (Chadwell Spring)	Met. Water Board.	5	1	0	140	..	26·03	152	116	
d Hertford (Chapmore End, Sch.)	A. L. Brackey, Esq.	5	1	0	210	..	26·55	160	124	
d Welwyn Garden City (Valley Rd.)	Comdr. W. George Lingham	5	1	0	300	..	27·24	190	129	
d Welwyn (Codicote Lodge)	Mr. G. J. Miller	5	1	0	340	..	24·79	..	115	
d Much Hadham	T. Woodham Mott, Esq.	5	1	0	212	..	25·33	175	118	
d Much Hadham (Lordship)	Capt. W. Glynes Bruty.	5	0	10	203	..	25·54	..	..
d Bishop Stortford (Twyford H.)	Laurie Frere, Esq.	5	0	8	181	..	25·44	174	130	
d Watton (Frogmore Hall)	Lt.-Col. J. B. Gilliatt, D.S.O.	5	0	9	250	..	25·72	..	115	
d Standon	F. H. Wace, Esq.	5	2	0	375	..	24·85	164	116	
d Benington House	Miss E. A. Parker	5	1	0	407	24·9	26·59	183	114	
d Little Hadham (Hadham Hall)	W. Minet, Esq.	5	0	10	338	..	25·13	159	121	
d Hitchin (Preston)	R. de V. Pryor, Esq.	8	2	6	484	..	27·23	165	137	
d Buntingford (Coles)	Mrs. Greg	5	1	0	375	..	24·06	152	116	
d Weston Park	C. Bolus, Esq.	5	0	10	470	..	26·87	167	118	
d Furneaux Pelham (The Brewery)	G. Warren Bindloss, Esq.	5	1	0	300	..	25·05	172	121	
d Royston (Therfield Rectory)	Rev. H. R. Humphreys	5	1	0	513	25·2	26·97	169	121	
4.—OUSE. 86 sq. mi.										
d Offley (School House)	C. W. Mears, Esq.	5	1	0	526	..	28·90	160	134	
d Graveley Rectory	Rev. R. E. C. Walker	5	0	10	325	..	28·74	175	133	
d Hitchin (Newlands)	F. Ransom, Esq.	5	1	0	271	..	26·99	185	123	
d Hitchin (High Down)	Miss E. Pollard	5	1	1	421	..	26·71	184	122	
d Letchworth (Roxley Ho. William)	Miss H. V. Bendixson	5	1	6	375	..	24·70	..	109	
d Letchworth (Gernon Road)	A. W. Brunt, Esq.	5	1	0	280	..	24·07	158	118	
d Baldock	Dr. Bertram Suggit	8	1	0	210	..	25·77	161	116	
d Barley (Dalnyveed)	E. M. Cook, Esq.	5	1	0	300	..	25·05	159	115	
d Royston (Earlshill House)	Col. E. C. M. Phillips, D.S.O.	8	1	3	225	..	25·06	173	121	

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
BUCKINGHAMSHIRE. (Area, 743 sq. mi.)		in.	ft.	in.	ft.	in.	in.		
1.—THAMES—Cherwell. 30 sq. mi.									
2.—THAMES—Thame. 158 sq. mi.									
d Towersey Vicarage	Rev. H. E. Cooper	5	1	0	250	..	28.38	183	142
d Ellesborough (The Springs)	J. K. Bateman, Esq.	5	1	2	400	..	25.97	..	..
d Little Kimble	Dr. L. T. Burra	5	0	10	370	..	23.97	173	120
d Cuddington School	R. Watson, Esq.	5	0	6	292	..	27.87	..	..
d Weston Turville	G. Eland, Esq.	5	1	0	320	..	21.54	..	113
d Tring (Bulbourne)	W. Yates, Esq., C.E.	5	2	3	401	..	24.87	173	129
d Aylesbury (Sewage Works)	W. H. Taylor, Esq.	5	1	0	251	..	25.19	178	128
d Quainton (Quainton Cottage)	L. H. West, Esq., O.B.E.	5	1	0	350	..	23.09	156	116
d Mentmore Gardens	Mr. T. Lindores	5	1	3	400	..	25.31	158	126
3.—THAMES—Wye & c. 129 sq. mi.									
d Eton (Tangier Island)	E. A. Stickland, Esq.	5	0	6	68	..	26.75	176	128
d Slough (Upton)	R. Bentley, Esq.	5	2	0	78	23.9	25.80	182	127
d Taplow (Hitcham Grange)	Hon. C. S. Irby	5	0	9	200	..	24.76	150	127
d Stoke Poges (Stoke Court)	Mr. F. W. Beevers	8	1	3	196	..	25.51	..	129
d Henley-on-Thames (Greenlands)	Lord Hambleden	5	1	0	116	..	26.73	166	132
d Hedsor (Bourne End)	J. Wood, Esq.	8	1	0	170	..	28.63	148	134
d Dropmore Vicarage	Rev. J. H. Harvey	5	1	0	300	..	27.17	182	140
d Marlow (Thames Bank)	S. H. Wright, Esq.	8	2	0	105	..	29.25	197	145
d High Wycombe (Flackwell Hth.)	E. Dickson Park, Esq.	5	1	10	365	..	27.33	177	131
d High Wycombe (Easton St.)	H. S. Wheeler, Esq.	5	0	11	253	25.9	29.07	188	143
d High Wycombe (Roy. Gram. Sch.)	The Head Master	8	1	0	545	..	28.88	192	143
d Penn (Rayners)	Mr. E. Peett	5	1	10	547	..	29.52	184	136
d High Wycombe (Totteridge)	S. Young, Esq.	5	3	6	420	..	26.17	164	127
d Hampden House	Earl of Buckinghamshire	5	1	0	695	..	28.65	177	136
4.—THAMES—Colne. 133 sq. mi.									
d Slough (Ditton Park)	Capt. F. Creagh-Osborne, C.B.	5	2	9	70	..	26.22	153	127
d Slough (Langley)	R. H. Major, Esq.	8	0	10	85	23.9	24.87	164	121
d Gerrards Cross (Bulstrode Gdns)	Mr. G. Taylor	5	1	6	280	..	28.28	161	124
d High Wycombe (Hazlemere Sch.)	A. J. Chapman, Esq.	5	2	9	368	..	26.91	..	..
d Chalfont St. Giles (Roughw'd Pk.)	Thurston Agelasto, Esq.	5	1	0	400	..	29.49	169	125
d Amersham (The Plantation)	G. Weller, Esq.	8	1	0	464	..	28.13	172	131
d Amersham Common (Stanmore)	W. Garton, Esq.	5	1	0	517	..	30.93	181	136
d Wendover (Mayortorne Manor)	Miss I. Fry	5	1	0	500	..	28.49	177	140
5.—OUSE. 293 sq. mi.									
d Oving House	H. Yates Thompson, Esq.	5	1	0	515	..	26.92	186	135
d Swanbourne House School	L. L. C. Evans, Esq.	5	1	0	411	..	27.72	157	138
d Mursley Hall	Lady Beecham	8	1	0	490	..	27.70	193	129
d Addington (C. of E. School)	J. H. Webster, Esq.	5	0	7	320	..	25.70	166	126
d Buckingham (Market Hill)	A. Pettipher, Esq.	5	1	6	150	..	25.08	180	120
d Wavendon (End School)	T. G. M. Watson, Esq.	5	1	2	300	..	25.26	150	136
d Stony Stratford (Calverton L.)	Lt.-Col. L. C. Hawkins	5	1	8	230	..	25.07	163	127
d Wolverton (St. George's Vic.)	Rev. Canon W. L. Harnett	5	1	0	270	..	25.06	177	117
d Wolverton (Gables Lodge)	J. Forster, Esq.	5	1	0	264	..	25.78	199	126
d Wolverton (Council School)	E. T. Smart, Esq.	5	5	0	263	..	24.62	..	..
OXFORDSHIRE. (Area, 756 sq. mi.)									
1.—SEVERN—Upper Avon. 10 sq. mi.									
d Sibford Ferris (Woolman Cottage)	Joshua Lamb, Esq.	5	1	0	570	27.0	29.90	194	136
d Sibford Gower	S. N. Baker, Esq.	5	1	0	650	..	25.70	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		in.		in.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.					
OXFORDSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
2—THAMES—Windrush & c. 261 sq. mi.									
d Bampton (C.E. School)	E. W. Fry, Esq.	5	0	10	233	..	28·44	..	130
d Witney (Cokethorpe)	Major H. G. Feilden	5	4	6	230	..	27·45	159	146
d Leafield (Wireless Station)	Meteorological Office	8	1	0	612	..	29·70	183	124
d Charlbury (Cornbury Park)	Mr. B. Campbell	5	1	0	420	..	32·87	..	134
d Wootton Rectory	Rev. F. R. Marriott	5	1	0	370	..	28·16	174	135
d Lyneham	R. de M. Pratt, Esq.	5	1	7	351	..	30·44	171	130
d Glympton Park	(R) Lt.-Col. G. H. Barnett ..	8	2	0	..	..	29·01	166	131
d Chadlington (Langston House)	Lt.-Col. F. W. Schofield, CMG.	5	1	0	430	..	29·45	170	132
d Chipping Norton (Bungalow) ..	T. H. Burbidge, Esq.	5	1	0	700	..	30·20	163	132
3—THAMES—Cherwell. 250 sq. mi.									
d Nuneham Park Gardens	Mr. A. J. Hines	8	3	0	280	..	27·04	194	138
d Oxford (Hincksey Pumping Sta.)	City Engineer	8	1	0	187	..	26·46	182	125
Oxford (Osney Lock)	Thames Conservancy	5	1	6	188	..	26·48	175	135
d Oxford (Magdalen College)	J. J. Manley, Esq.	5	1	0	186	23·8	26·30	203	128
d Oxford (Radcliffe Obs.) (+A) ..	H. Knox Shaw, Esq.	8	1	8	208	24·8	27·38	186	124
d Oxford (Northmoor Road)	Miss E. M. Tawney	5	1	0	217	..	25·93	169	124
d Headington (Warneford Asy.) ..	Dr. A. W. Neill	5	1	0	300	..	25·85	172	132
d Headington (Charlton Lea)	Mr. L. Dawes	5	1	0	300	..	29·56	175	140
d Headington Hill (Thornhill) ..	E. S. Fry, Esq.	5	1	0	..	..	27·47	188	132
d Elsfield (Home Farm)	Miss M. J. Parsons	5	1	0	355	..	26·92	179	130
d Middleton Park	The Earl of Jersey	5	2	6	326	26·7	28·87	170	140
d Steeple Aston (The Grange) ..	Arthur E. Bradshaw, Esq. ..	8	1	0	400	27·2	28·72	192	147
d Steeple Aston (Hill House)	B. S. Ogle, Esq.	5	0	5	406	..	27·21	172	133
d West Adderbury (St. Amand's)	Miss M. M. Bradford	8	1	6	320	..	29·13	144	125
d Adderbury (Cross Hill)	Lt.-Col. H. E. du C. Norris	5	1	6	338	..	27·57	167	126
d Adderbury (The Rookery)	C. C. Bradford, Esq.	8	1	0	323	..	30·31	168	139
d Banbury (Coteheld)	C. N. Keyser, Esq.	5	0	10	396	..	26·89	169	127
d Bodicote (C. of E. School)	A. Ridge, Esq.	5	1	0	391	..	27·35	167	134
d Broughton Rectory	Rev. B. W. Bradford	5	1	6	370	..	28·49	175	131
d North Newton (Grafton Cot.) ..	W. Pikesley, Esq.	5	1	0	425	..	26·31	169	137
d Grimsbury (Banbury W. W.) ..	W. E. Wood, Esq.	5	1	3	316	..	25·68	179	126
Wroxton	Hon. Mrs. Fitz Gerald	12	1	6	500	..	27·78	174	..
4.—THAMES—Thame & c. 210 sq. mi.									
d Caversham (St. Peter's Hill) ..	Rev. G. V. Proctor	5	1	0	220	..	25·16	175	126
d Caversham (Kidmore End Sch.)	T. F. Higgins, Esq.	5	1	0	300	..	26·05	175	126
d Harpsden (Cray)	B. E. Dunbar Kilburn, Esq.	5	1	0	230	..	25·10	171	127
d Henley-on-Thames (Hart St.) ..	A. Edward Hobbs, Esq.	5	1	6	110	..	23·91	168	127
d Henley-on-Thames (Greys Lane)	G. Potter, Esq.	5	0	9	123	..	22·43	..	114
d Henley-on-Thames (Greys Gr.) ..	Mrs. Wolferstan	5	2	0	350	..	27·44	185	138
d Wyfold (Neals Farm)	J. P. Lee, Esq.	5	0	9	540	..	28·22	170	137
d Ipsden (Hailey)	Glynne Williams, Esq.	5	1	0	350	..	26·15	176	128
d Nettlebed (Joyce Grove) No. 1 ..	Mr. F. Morby	5	1	0	590	..	34·30	168	138
d Benson	W. H. Dines, Esq., F.R.S. ...	5	1	0	186	..	23·32	181	129
d Culham	F. Mitchell, Esq.	5	0	10	180	..	21·44	163	123
Culham (Zouch Farm)	Mr. P. E. Saunder	5	1	3	186	..	21·76	..	..
d Clifton Hampden (Manor House)	Lord Aldenham	5	1	0	190	..	24·46	175	132
d Watlington (Pyrton Manor) ..	Major H. Ducat Hamersley	5	1	0	325	26·7	25·34	180	131
d Wheatfield	A. J. Spencer, Esq.	5	0	8	275	..	25·72	156	130
d Toot Baldon (Potland)	D. Clinkard, Esq.	5	1	0	288	..	23·65	145	124
d Thame Park	Col. Sir C. Forbes-Leith, Bt.	5	1	0	200	..	26·02	..	..

5.—OUSE. 25 sq. mi.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		Ground		Rain- fall.	Days with "01 in. or more.	Days with "04 in. or more.
			above Ground.	above Sea Level.					
NORTHAMPTONSHIRE (Area, 1003 sq. mi.)									
1.—SEVERN—Upper Avon. 60 sq. mi.									
d Rugby (Kilsby Vicarage).....	Rev. C. Ryder Macnally ..	5	1	3	485	..	33·24	201	141
d Winwick Warren	Nigel V. Ainsworth, Esq. ..	8	1	5	648	..	29·97	221	130
d Naseby Reservoir	T. W. Millner, Esq.	5	1	6	519	..	27·67	194	132
d Naseby	H. J. Bartlett, Esq. ....	..	..	..	..	..	27·30	165	124
2.—THAMES—Cherwell. 77 sq. mi.									
d Croughton	C. A. St. George Moore, Esq.	5	1	0	430	..	28·61	167	129
d King's Sutton (Manor House) ..	G. Morgan, Esq.	5	1	0	338	..	26·85	..	111
3.—OUSE. 148 sq. mi.									
d Brackley (Waterworks)	T. A. Staniforth	5	1	2	471	..	27·68	..	126
d Brackley House	Major J. Allen	5	1	0	425	27·1	29·22	184	137
d Hazelborough Woods	Office of Woods	8	1	0	241	..	25·63	..	119
d Silverstone (Council Sch.)	J. P. Osborne, Esq.	5	1	0	400	..	26·18	..	..
d Towcester (Bradden House) ..	C. E. Grant-Ives, Esq.	5	0	10	420	..	26·78	146	131
d Towcester (Easton Neston) ..	Sir T. Fermor-Hesketh, Bt.	8	1	0	325	..	25·51	163	128
d Roade (Council School)	R. W. Janes, Esq.	8	1	0	394	..	26·68	169	129
d Hargrave Hall	Sir K. Murchison	5	1	0	273	..	25·21	..	..
4.—NENE. 622 sq. mi.									
d Salcey Forest	Office of Woods	8	1	3	370	..	28·08	157	132
d Blisworth (Crieff House)	A. Westley, Esq.	5	1	0	351	26·3	24·86	183	135
d Blisworth	Dr. D. Jeaffreson	5	1	0	275	..	24·15	178	132
d Blisworth (Grand Junc. Canal) ..	T. W. Millner, Esq.	5	1	6	300	..	24·11	176	133
d Castle Ashby	A. R. Searle, Esq.*	5	1	4	230	..	27·89	189	125
d Little Houghton House	Christopher Smyth, Esq. ...	5	2	3	270	..	26·74	164	130
d Northampton (Upton)	J. R. Foster, Esq.	5	1	0	270	..	21·69	..	111
d Northampton (Dallington Av.) ..	Major C. A. Markham	5	1	0	265	..	24·51	158	117
d Northampton (General Hosp.) ..	H. St. John Wood, Esq. ...	5	1	1	259	..	24·37	158	125
d Northampton (Mental Hosp.) ..	W. R. Budgen, Esq.*	8	1	2	398	..	23·70	166	128
d Northampton (Stimpson Av.) ..	F. Tomlinson, Esq., C.E. ...	8	18	0	329	..	24·16	156	127
d Northampton (Cheyne Walk) ..	R. H. Primavesi, Esq.* ...	5	8	6	240	..	24·51	186	125
d Northampton (Cedar Road) ..	E. L. Mundin, Esq.	5	6	6	309	..	24·19	..	..
d Wollaston	G. Harris, Esq.	5	1	6	220	..	25·29	169	123
d Daventry (Tunnel End)	T. W. Millner, Esq.	5	1	6	394	..	23·91	165	117
d Althorp Park	Mr. G. Low*	5	1	3	414	..	26·05	173	130
d Sywell Hall	Brig.-Gen. H. E. Stockdale	5	1	0	371	..	27·73	179	124
d Pitsford (Sedgebrook)	Major C. A. Markham	5	1	0	311	24·5	26·46	167	127
d Wellingborough (Swanspool) ..	R. S. Henshaw, Esq., C.E. ...	5	1	0	169	24·3	25·92	163	128
d Wellingborough (Sewage Works) ..	R. S. Henshaw, Esq., C.E. ...	5	1	0	139	..	25·44	164	123
d Wellingboro' (Bushfield W.W.) ..	R. S. Henshaw, Esq., C.E. ...	8	0	11	286	..	23·57	179	120
d Ravensthorpe Reservoir	F. Tomlinson, Esq., C.E. ...	5	1	0	370	..	25·90	188	135
d Raunds (Day School)	W. E. Newman, Esq.	8	1	0	214	23·5	21·81	148	110
d Lamport Hall Gardens	Mr. H. Tyrrell	8	1	0	440	..	26·77	151	133
d Kettering W.W. (Cransley)	The Engineer	8	0	6	275	..	23·64	171	120
d Kettering (Sewage Works)	The Engineer	8	0	11	199	..	23·30	165	125
d Kettering W.W. (Thorpe Malsor) ..	The Engineer	5	0	11	352	..	22·49	180	124
d Kettering W.W. (Clover Hill) ..	The Engineer	5	0	7	344	..	23·17	157	123
d Thrapston (Drayton House) ..	Mr. C. V. Craske	5	1	6	220	..	23·69	..	129
d Rothwell (Loddington)	Mr. J. Oliff	5	1	0	400	..	22·87	..	..
d Thrapston (Islip)	G. E. Abbott, Esq.	5	..	..	145	..	19·84 ?	..	102
d Tichmarsh Rectory	Canon A. M. Luckock* ..	5	1	0	170	..	23·73	177	129
d Desborough Council School	Mr. F. H. Grudgings	5	2	6	400	..	24·43	..	102
d Rothwell (Shotwell Mill W.W.) ..	The Surveyor	6	1	6	340	..	22·83	..	..
d Barnwell (Lilford Hall)	Mr. F. W. Gallop	5	1	0	23·11	162	114
d Oundle (Milton Road)	J. M. Siddons, Esq., C.E. ...	5	3	6	131	22·3	20·30	127	112

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

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		Diam.	Height of Rim above Ground.	Height of Gauge above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
NORTHAMPTONSHIRE—(con.).						in.		
4.—NENE—(con.)								
d Oundle School	A. Bond, Esq.	8	1	0	147	20.29	175	114
d Peterborough (Westbourne Ho.)	E. H. Colman, Esq.	5	1	0	35	21.74	167	112
d Peterborough (Abbeyfields) ...	Major J. Shipley Ellis ...	5	0	9	49	23.22	165	112
d Peterborough (Milton Park) ...	Mr. W. D. Green* .....	..	..	..	83	22.91	157	115
d Wittering (Whitewater)	E. Betts, Esq.	8	3	0	241	22.23	..	..
d Wittering (Bone Mill)	E. Betts, Esq.	8	3	0	..	22.20	148	115
d Eye (Northolm)	S. M. Egar, Esq.	5	1	0	16	22.10	172	101
d Eye (Newborough)	R. Williams, Esq.	5	1	0	8	23.41	156	110
5.—WELLAND. 96 sq. mi.								
d Marston Trussell Rectory ..(R)	Rev. J. Knight Law	10	2	9	314	24.25	164	120
d Market Harboro' (Dingley Hall)	Mr. V. Read*	5	1	6	400	26.16	162	130
d Carlton Park Gardens	Mr. R. W. Thatcher	5	1	1	300	21.92	..	114
d Weston-by-Welland	Major N. H. Matthews ...	5	1	3	254	26.46	187	141
d Rockingham Castle Gardens ...	Mr. C. Mears*	5	4	0	410	21.99	167	115
d Gretton School	W. Leeson, Esq.	5	1	6	365	21.40	177	115
d Market Deeping (Etton)	W. H. A. Court, Esq., C.E.	8	1	0	25	20.08	155	109
HUNTINGDONSHIRE. (Area, 366 sq. mi.)								
1.—OUSE. 327 sq. mi.								
d St. Neots (Waresley Park)	Miss Duncombe	5	0	11	190	24.0	24.48	148
d Hemingford Grey (Millview) ...	G. F. Wilson, Esq.	5	1	6	20	21.9	22.75	..
d Brampton (The Lilacs)	Rev. G. H. Raynor	5	1	0	45	22.3	25.24	160
d Huntingdon (Hinchingsbrke) (R)	Mr. W. Prowting	5	2	0	70	22.4	25.18	167
d St. Ives (Slepe House)	Dr. W. R. Grove	5	1	0	25	22.6	21.78	141
d Catworth (School House)	J. H. Annet, Esq.	5	0	9	210	23.7	23.84	169
d Whittlesea Mere	Major R. G. Clarke, C.E. ...	8	1	6	10	21.4	23.55	154
2.—NENE. 39 sq. mi.								
BEDFORDSHIRE. (Area, 467 sq. mi.)								
1.—THAMES—Colne. 20 sq. mi.								
Luton (Stockwood)	Mrs. E. R. Crawley	5	0	6	539	26.78	173	126
2.—THAMES—Lea. 32 sq. mi.								
d Luton (Pumping Station)	J. W. Tomlinson, Esq., C.E.	5	1	0	343	25.9	26.06	167
d Luton (Wardown Park)	J. W. Tomlinson, Esq., C.E.	5	1	0	381	..	25.48	164
d Luton (The Downs)	G. W. Pryer, Esq.	5	1	0	479	..	27.23	165
d Dunstable (Houghton Regis) ...	A. E. Benney, Esq.	5	1	0	440	..	23.52	..
3.—OUSE. 408 sq. mi.								
Pulloxhill	Commr. W. S. Davenport ..	5	1	0	301	..	28.22	..
d Shefford (Stondon Manor)	R. Long, Esq.	5	1	0	241	..	24.79	..
d Steppingley	E. Capel, Esq.	5	1	0	350	..	23.99	166
d Woburn (Experimental Farm) ...	Lawes Agricultural Trust ..	8	1	0	291	23.9	24.49	161
d Woburn (Fruit Farm, Ridgmont)	E. J. Hobbs, Esq.	5	1	0	270	..	24.39	169
d Stotfold (Three Co. Mental Hos.)	Dr. L. O. Fuller	9	1	0	220	23.2	24.32	153
d Meppershall	K. R. Reynolds, Esq.	5	0	9	235	..	23.27	..
d Ampthill C.E. School	H. E. Cole, Esq.	5	0	8	300	..	25.69	178
d Shefford (Clifton Bury)	A. Inskip, Esq.	5	2	1	150	..	24.88	..

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		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.				Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
BEDFORDSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.			
3.—OUSE—(con.).										
d Shefford Council School	G. F. Alldritt, Esq.	5	1	0	126	..	24.62	174	117	
d Shefford (Stanford)	H. Inskip, Esq.	5	2	0	90	..	24.06	..	..
d Sandy (The Lodge)	Mr. R. Pettifer	5	1	0	200	..	24.77	152	124	
d Bedford (Castle Road)	Miss M. E. Newbery	5	7	0	108	..	23.83	174	120	
d Bedford (Kimbolton Road)	Dr. Kilham Roberts	5	1	0	118	..	24.32	167	123	
d Bedford (Bedford Park)	Borough Engineer	8	1	3	117	..	22.68	164	112	
d Goldington (Castle Mills)	W. H. Rogers, Esq.	5	1	4	90	..	21.80	..	..
d Great Barford House	J. Arnold Whitchurch, Esq.	5	1	0	120	..	22.84	163	118	
d Sharnbrook (Castle Close)	L. Stileman-Gibbard, Esq.	5	0	8	210	..	24.46	170	120	
4.—NENE. 7 sq. mi.										
CAMBRIDGESHIRE. (Area, 859 sq. mi.)										
1.—STOUR. 17 sq. mi.										
2.—OUSE. 740 sq. mi.										
d Ashwell (Odsey)	Sir H. Geo. Fordham	5	1	0	256	23.0	26.12	174	113	
d Bartlow (Castle Camps Sch.)	C. J. Keeble, Esq.	5	1	0	320	..	25.15	171	122	
d Guilden Morden Vicarage	Rev. L. G. S. Price	5	1	0	140	21.9	23.64	167	113	
d Abington Pigotts Rectory	Rev. M. de Courcy-Ireland	5	1	0	78	21.8	21.88 ?	..	..
d Melbourn (Melbourn Bury)	A. R. Fordham, Esq.	5	2	0	90	..	24.23	173	115	
d Bartlow (Shudy Camps)	Miss M. G. Archer	5	0	9	300	24.3	25.79	161	122	
d Meldreth (Chiswick Farm)	A. Howard, Esq.	5	1	1	70	22.4	24.79	192	123	
d Fowlmere (Fruit Farm)	H. F. Smith, Esq.	5	1	0	66	19.9	21.82	159	105	
d Foxton (The Bury)	J. Gifford, Esq.	5	1	0	60	23.1	23.57	160	117	
d Whittlesford (Scots)	Robert Maynard, Esq.	5	0	6	68	22.3	24.47	175	126	
d Wimpole Hall	Mr. W. J. Snell	5	1	0	141	23.0	21.84	162	114	
d Shelford (Stapleford House)	J. H. H. Linton, Esq.	5	2	3	64	22.3	23.94	145	118	
d Balsham Rectory	Rev. H. J. E. Burrell	5	1	6	399	23.0	23.94	155	114	
d West Wrating Hall	E. G. Gordon Frost, Esq.	5	1	0	350	..	26.00	161	120	
d Grantchester Mill	J. Nutter, Esq.	5	5	0	31	22.6	22.70	..	118	
d Fulbourn (Fleam Dyke)	W. W. Gray, Esq., C.E.	5	1	0	99	21.0	23.25	144	108	
d Fulbourn Pumping Station	W. W. Gray, Esq., C.E.	5	1	0	37	22.9	23.20	169	120	
d Fulbourn (Cambridge Mental Hos.)	The Farm Bailiff	5	0	6	72	..	22.91	..	..
d Cambridge W.W. (Cherryhinton)	W. W. Gray, Esq., C.E.	5	1	0	35	21.6	22.61	151	108	
d Cambridge (Hills Road)	Smith Nutter, Esq.	8	0	10	45	23.8	24.98	..	..
d Cambridge (Corporation Store Yd)	G. W. Teasdale, Esq., C.E.	5	1	8	52	21.2	22.59	154	112	
d Cambridge (Tenison Avenue)	W. B. Parsons, Esq.	8	1	2	40	21.9	23.55	172	118	
d Cambridge (Botanic Gardens)	F. G. Preston, Esq.	5	1	0	41	21.8	23.20	160	111	
d Cambridge (Corporation Ppg. St.)	G. W. Teasdale Esq., C.E.	5	1	7	28	22.1	23.45	176	109	
d Caxton	Dr. E. P. H. Dudley	5	1	0	170	23.3	24.59	142	119	
d Boxworth (Manor House)	E. H. Thornhill, Esq.	5	1	0	76	23.4	25.22	159	111	
d Swaffham Prior Vicarage	Rev. L. Fisher	5	1	0	44	21.3	23.07	154	108	
d Oakington	A. H. V. Bloom, Esq.	5	1	1	27	..	21.74	..	110	
d Burwell (Manor House)	R. Stephenson, Esq.	5	2	0	58	23.0	21.89	148	118	
d Cottenham (Bernard House)	Miss Bull	5	1	6	30	22.1	23.35	166	119	
d Fordham (London House)	W. V. Bloom, Esq.	5	1	0	30	21.4	20.87	141	104	
d Stretham Engine	Mr. J. Housley	9	4	9	13	21.2	23.70	..	105	
d Stretham (Orchard House)	Miss Wright	8	4	6	42	22.0	21.50	143	112	
d Chatteris (Holwood Farm)	Mr. J. W. Watson	5	1	0	11	22.3	22.07	..	..
d Littleport (Highfield House)	H. G. Martin, Esq.	8	2	7	67	21.3	20.61	146	114	
d Chatteris (Aylesby House)	A. H. Ruston, Esq.	8	1	0	31	22.5	22.86	144	113	
d Chatteris (The Priory)	H. F. Fryer, Esq.	5	1	0	32	22.6	21.53	..	109	
d March	Major R. G. Clark	9	2	0	10	22.8	25.94	..	117	
d Upwell (Marmont Priory Lock)	Major R. G. Clark	8	1	1	..	20.6	20.91	147	110	
d Wisbech (Queen's Road)	H. Dann, Esq.	5	7	6	10	26.3	22.86	165	110	
3.—NENE. 102 sq. mi.										
d Stanground Sluice	Major R. G. Clark	8	1	6	15	20.3	23.26	169	120	
d Parson Drove (Clows Cross)	W. Kingston, Esq.	8	3	0	13	22.1	20.30	144	104	
d Wisbech (Bank House)	Hon. Anna J. Peckover	8	0	8	6	23.0	23.03	174	115	
d Wisbech (Tydd Manor)	A. H. Carter, Esq.	5	6	6	..	..	20.69	123	100

DIVISION IV.—EASTERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
ESSEX. (Area, 1532 sq. mi.)		in.	ft. in.	ft.	in.	in.		
1.—THAMES.—Lea. 132 sq. mi.								
d West Ham (Abbey Mills)	London County Council . .	8	0 10	15	..	25.54	154	127
d Leyton (Sewage Works)	A. P. Howell, Esq., C.E. . .	5	1 0	22	..	24.89	149	118
d Leytonstone (High Road)	Miss G. Lister	5	1 8	100	..	29.84	189	122
d Lea Bridge (Waterworks)	Met. Water Board	8	0 6	23	..	25.56	147	129
d Walthamstow (Ferry Lane)	Met. Water Board	5	0 6	40	23.9	25.96	161	126
d Woodford (Haggar Lane)	Met. Water Board	8	0 8	176	..	27.46	158	119
d Buckhurst Hill Reservoir	Met. Water Board	8	1 7	275	..	28.00	159	118
d Buckhurst Hill (Ardmore)	Miss E. F. Howard	8	1 0	270	..	29.80	179	132
d Chingford (Crescent Road)	Miss M. L. Mathieson	5	2 9	150	..	27.68	165	121
d Chingford Mill	Met. Water Board	8	0 6	40	..	27.76	172	125
d Loughton (High Beech Res.)	Met. Water Board	8	1 0	376	..	28.39	160	132
d Waltham Abbey (Ramney Marsh)	Met. Water Board	8	1 0	60	..	26.85	160	122
d Waltham Abbey (Pumping Stn.)	Met. Water Board	8	1 3	66	..	26.54	162	121
d Waltham Abbey (Gunpr. Fact.)	The Superintendent	5	2 0	64	..	24.29	177	114
d Hatfield Broad Oak (Barrington)	A. H. Gosling, Esq.	5	0 10	300	..	26.36	184	120
d Bishop Stortford (Hassobury)	Major W. S. Gosling	5	0 10	290	..	25.10	..	..
d Stansted (Birchalls)	Col. R. Egerton	5	1 0	290	..	27.38	169	129
d Elsenham (Gaunts End)	H. Cotterell, Esq.	5	1 0	363	24.6	26.55	175	126
d Stansted (Hargrave Park)	Arthur Alder, Esq.	5	1 7	..	..	27.32	168	118
d Stansted (Bentfield Place)	L. D. Gosling, Esq. . . . .	..	..	300	..	25.75	167	117
2.—THAMES—Roding & c. 316 sq. mi.								
d Tilbury (Park View Observatory)	S. A. Hill-Willis, Esq. C.E. .	5	1 0	6	..	23.91	132	105
d Grays (Stanley Road)	Engineer U.D.C.	5	3 3	21	..	26.02	133	105
d Grays Sewage Works	L. D. Holgate, Esq.	8	3 0	3	..	25.48	173	122
d Rainham (Riverside Sew. Works)	H. E. Lightfoot, Esq., C.E. .	8	1 3	5	..	22.12 ?	..	..
d East Ham (Central Park)	Public Health Dept.	12	1 0	15	..	28.10	156	121
d East Ham Well	Met. Water Board	8	1 0	17	..	26.58	167	121
d Ilford Sewage Works	J. Sandford, Esq.	5	1 1	31	..	25.15	130	106
d Leigh (Brick House)	Miss Bentall	5	..	136	..	22.82	146	111
d South Benfleet (Hillside Road)	H. A. Marshall, Esq.	5	1 0	55	..	24.95	168	120
d Vange Pumping Station	Southend Water Works Co. .	5	1 0	43	..	22.01	146	105
d Pitsea Pumping Station	Southend Water Works Co. .	5	1 0	28	..	23.33	172	118
d Horndon (Eastern Sew. Works)	W. J. Grant, Esq.	8	1 6	23	..	23.00	157	105
d Hornchurch	Surveyor, U.D.C.	8	1 8	46	..	24.10	155	111
d Wanstead (Red Bridge)	Met. Water Board	5	2 0	27	..	25.41	148	114
d Manor Park (City of Ldn. Cem.)	Mr. J. D. Robertson	5	0 6	45	..	24.72	138	111
d Havering-atte-Bower (Fernside)	Benjamin Smith, Esq. . . .	5	1 0	341	..	29.72	188	132
d Ongar (Marden Ash)	Mrs. Calver	5	1 6	190	..	24.53	156	110
d North Weald (Canes)	H. W. Hart, Esq.	5	2 0	250	..	27.66	166	120
3.—CROUCH. 186 sq. mi.								
d Shoeburyness (New Ranges)	The Meteorological Office . .	8	1 0	11	18.9	20.12	154	97
d Southend (The Cliffs)	E. J. Elford, Esq.	8	1 0	90	..	22.36	155	103
d Southend (Lancaster Gardens)	H. J. G. Ralph, Esq.	5	1 0	78	..	23.35	159	106
d Southend (Waterworks)	Southend Water Works Co. .	8	1 0	112	21.1	22.88	157	107
d Leigh Reservoirs	Southend Water Works Co. .	5	1 0	117	..	23.79	141	115
d Great Wakering	The Meteorological Office . .	5	1 0	11	..	20.97	166	99
d Little Wakering Vicarage	Rev. B. S. Mercer	5	0 11	20	..	22.04	157	104
d Eastwood Pumping Station	Southend Water Works Co. .	8	1 0	50	..	24.56	185	113
d Thundersley Reservoir	Southend Water Works Co. .	5	1 0	277	..	23.86	149	114
d Nevendon Pumping Station	Southend Water Works Co. .	5	1 0	43	..	23.06	..	106
d Billericay (Service Tank)	Southend Water Works Co. .	5	1 0	310	..	22.91	149	111
d Billericay (Ramsden Hall)	T. W. Bacon, Esq.	5	0 9	260	..	27.00	167	116

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain-fall.	1926		
		Diam.	Height of		Ground above Sea Level.	in.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	ft.						
ESSEX—(con.).		in.	ft.	in.	ft.	in.	in.			
3.—CROUCH—(con.).										
d Wickford (Runwell Hall)	Miss Kemble	5	1	0	75	24·2	24·25	..	..
d Southminster (Dudswell)	Mrs. H. G. Owen	5	0	10	60	..	23·34	140	115	
d Southminster (The New Moor)	E. J. Attenborough, Esq. ..	..	..	..	..	..	20·96	..	103
d Bradwell-on-Sea (Bradwell H.) ..	H. D. Chillingworth, Esq. ..	5	4	3	27	20·7	23·61	145	113	
4.—BLACKWATER. 425 sq. mi.										
d Shenfield (Cliveden)	Mr. F. Copeman	5	1	0	320	..	27·81	160	122	
d Shenfield (The Lodge)	Harcourt P. Landon, Esq. ..	5	0	7	305	..	26·77	144	109	
d South Hanningfield (Bearmains) ..	W. Hill, Esq.	8	1	10	220	..	25·61	185	115	
d Ingatstone (Fryerning)	A. E. Christy, Esq.	5	1	0	290	..	25·91	185	123	
d Danbury Rectory	Rev. J. Bridges Plumptre ..	5	1	0	365	22·7	23·95	169	109	
d Woodham Walter Lodge	H. H. Speakman, Esq. ...	5	1	6	137	..	25·25	135	116	
d Writtle (Melbourne)	J. A. Rosling, Esq.	5	0	9	140	..	27·12	182	123	
d Chelmsford (County Laboratory) ..	D. B. Johnstone-Wallace, Esq	5	1	0	134	22·3	24·93	152	115	
d Chelmsford (High Street)	Miss F. J. Chancellor	8	1	6	98	22·5	24·15	156	118	
d Witham (Wickham Hall)	D. B. Smith, Esq.	5	0	8	60	..	22·07	137	108	
d Good Easter (Ivy Cottage)	W. S. Gibson, Esq.	5	1	0	185	..	24·87	170	121	
d Pleshey Vicarage	Rev. C. H. B. Woodd	8	1	3	..	..	22·82	189	116
d Tiptree (Brook House)	A. Hitchcock .....	..	..	..	..	..	21·90	129	113
d Witham (Faulkbourne Hall)	Miss C. L. Parker	5	0	8	100	..	24·09	172	119	
d Little Leighs (Lavender Leez)	W. C. Neild, Esq.	5	1	1	190	..	23·48	133	111	
d Kelvedon (Lawn House)	F. Randolph-Symmons, Esq.	5	1	0	96	..	25·22	158	118	
d Kelvedon (White Barn)	Messrs. W. & H. J. Sheldrake	5	1	5	135	..	25·69	162	116	
d Felsted School	E. H. Lockwood, Esq.	5	0	10	248	..	24·03	160	123	
d Little Dunmow Council School	Miss M. A. L. Scott	5	1	0	258	..	22·78	..	..
d Great Dunmow	Messrs. Hasler & Co., Ltd.	5	1	0	200	..	24·37	177	120	
d Rayne (Staneway)	Mrs. Burt	5	1	1	247	..	23·45	156	114	
d Pattiswick Hall	Harris Smith, Esq.	5	0	8	200	..	22·90	152	125	
d Great Saling (Woolpits)	Mrs. Joseph Smith	5	0	9	284	..	24·71	190	121	
d Gt. Bardfield (South Lodge)	A. W. Brunwin, Esq.	5	1	0	250	..	25·30	183	120	
5.—COLNE & C. 283 sq. mi.										
d Clacton-on-Sea	Mr. A. W. Shadick	8	1	0	55	19·3	19·46	160	109	
d Great Clacton (Clay Hall)	Philip Smith, Esq.	5	2	0	45	..	18·86	134	104	
d Walton-on-the-Naze	The Town Clerk	5	1	0	66	..	18·66	127	108	
d Colchester (King's Ford)	Miss Digby	5	0	10	103	..	26·96	195	124	
d Colchester (Maypole Farm)	R. P. Blyth, Esq.	5	0	10	112	..	25·36	..	112	
d Colchester (Hythe Gas Works) ..	Colchester Gas Co.	8	0	10	12	..	26·98	134	110	
d Colchester (Boro' Surveyor's Off.) ..	H. Collins, Esq., C.E.	8	17	0	82	..	24·89	165	114	
d Colchester (Waterworks)	A. Hammond, Esq.	5	2	2	37	..	25·49	..	..
d Lexden (Hill House, S. No. 1) ..	S. F. Hurnard, Esq.	5	1	0	90	..	24·51	159	108	
d Lexden (Hill House, S. No. 2) ..	S. F. Hurnard, Esq.	5	1	0	90	..	24·99	159	110	
d Great Bromley (Broughton)	W. A. Roberts, Esq.	5	1	0	115	..	24·01	..	100	
d Earls Colne (Grammar School) ..	G. R. Hill, Esq.	5	1	0	168	..	24·24	159	116	
d Earls Colne (Chalkney House) ..	H. F. Hills, Esq.	5	1	0	180	23·2	23·15	137	..	
d Earls Colne (Colne House)	Lieut.-Col. T. G. C. Reynolds	5	1	6	180	..	25·67	180	118	
d Halstead (Attwoods)	R. E. Vaizey, Esq.	5	1	0	200	..	26·04	171	135	
d Halstead (The Brewery)	F. N. Adams, Esq.	5	1	0	139	..	24·22	160	107	
d Gt. Maplestead (Monk's Lodge) ..	T. F. Miller, Esq.	5	0	9	230	..	28·27	..	..
d Great Yeldham Hall	G. A. Goodchild, Esq.	5	2	0	200	..	24·29	168	119	
6.—STOUR. 110 sq. mi.										
d Dovercourt	The Borough Surveyor	5	1	0	47	..	21·18	167	109	
d Mistley (The Maltings)	Messrs. W. Brooks & Sons. ..	..	..	..	..	..	22·65	178	115
d Dedham (The Old House)	Roland L. T. Clarkson, Esq.	8	1	0	28	..	24·96	178	123	
d Sudbury (Bulmer Lodge)	Miss Burke	5	1	3	202	25·6	25·68	156	124	
7.—OUSE. 80 sq. mi.										
d Widdington Rectory	Rev. Jas. W. Court	5	1	6	340	..	23·88	152	123	
d Great Chesterford Mills	E. H. King, Esq.	5	1	0	130	..	24·54	..	..

DIVISION IV.—EASTERN COUNTIES—(con.).

		Rain-gauge			Average	1926		
STATIONS.	AUTHORITIES.	Diam.	Height of		Rain-fall.	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.				
SUFFOLK. (Area, 1489 sq. mi.)						in.		
1.—STOUR. 271 sq. mi.								
East Bergholt (Ackworth Ho.)	A. Harwood, Esq.	8	1	6	145	22.23	184	125
Capel St. Mary School	Bernard B. Taylor, Esq.	5	1	6	156	24.90	162	119
Assington Hall	F. J. Bullen, Esq.	6	2	0	200	24.85	147	119
Great Cornard (The Limes)	E. Oliver, Esq.	5	0	9	85	22.81	153	116
Sudbury (Friars Street)	E. Ransom, Esq.	5	1	7	93	24.22	199	122
Hadleigh (Penlands)	E. A. Lee, Esq.	5	1	0	185	26.28	181	126
Waldingfield (Holbrook Hall)	Mrs. St. Leger Glyn	5	4	6	185	24.89	183	134
Hartest (Shimpling Hall)	E. D. Wolton	5	1	0	200	22.12	144	109
Hawkedon Rectory	Rev. B. P. Oakes	5	3	4	303	25.93	173	124
Cockfield Rectory	Rev. Canon Edwin Hill	5	1	0	305	24.75	177	129
2.—ORWELL. 166 sq. mi.								
Ipswich (Rookwd., Copdock)(+A)	F. L. Bland, Esq.	8	1	0	164	23.41	164	116
Ipswich (Museum)	F. M. Cullum, Esq.	8	0	10	73	23.71	166	111
Ipswich (All Saints' Vic.)	Rev. S. C. Calver	5	1	5	..	23.25	174	120
Ipswich (Dale Hall)	Percy Turner, Esq.	8	3	6	138	22.21	175	115
Nettlestead (High Hall)	A. S. P. White Cooper, Esq.	5	1	6	236	24.31	..	113
Coddenham (Shrubland Park)	Mr. A. C. Horton	5	1	6	162	23.33	142	115
Haughley (Haughley House)	Major S. H. Creagh	5	1	0	188	21.05	156	112
3.—DEBEN & C. 466 sq. mi.								
Felixstowe Aerodrome	The Meteorological Office	8	1	0	15	19.72	153	101
Felixstowe (Wireless Tel. Stat.)	Coastguard Officer	8	1	6	15	19.39	159	106
Waldringfield	Major B. R. M. Glossop	8	1	0	70	24.45	165	112
Woodbridge Abbey	Col. R. J. Carthew	8	1	2	46	22.86	194	110
Orford (The Gables)	Miss E. A. Rope	5	0	8	30	23.12	166	119
Melton (Greylands)	Miss Jervis	5	1	6	50	22.73	155	118
Melton (St. Audrey's Hospital)	A. F. Philpott, Esq.	8	1	2	74	21.76	158	107
Melton (Bromeswell Rectory)	Rev. F. Shadwell	5	1	5	35	21.93	173	112
Rendlesham Hall	Lord Rendlesham	5	1	0	88	21.35	..	103
Campsea Ashe (High House)	Viscount Ullswater, G.C.B.	8	2	6	60	21.47	164	113
Charsfield (Red House)	Hugh P. Youngman, Esq.	5	1	9	150	21.09	..	..
Helmingham (Bocking Hall)	W. B. Damant, Esq.	5	1	6	180	23.92	174	129
Snape (Green Heys)	G. H. Garrett, Esq.	5	1	6	50	22.85	166	109
Leiston (Lower Abbey)	Miss M. K. Rope	5	0	7	30	20.19	141	109
Halesworth Rectory	Rev. H. C. Newbery	5	1	0	50	24.59	181	121
Halesworth (Estate Office)	G. W. Stanford, Esq.	5	1	5	120	24.46	174	124
Wangford (Ford House)	Hon. Agnes Eden	5	0	10	25	24.25	177	116
Wrentham (Sotterley Hall)	F. W. C. Chartres, Esq.	8	1	0	70	22.27	170	111
Lowestoft (Mill Road)	Late Mark Bean, Esq.	8	1	1	18	23.37	200	123
4.—YARE & C. 208 sq. mi.								
Rumburgh Vicarage	Rev. W. Linton Wilson	5	1	0	148	21.17 ?	158	109
Bungay (Flixton Hall)	Sir Shafto Adair, Bart.	5	1	0	79	20.40	176	109
Lowestoft (Belle Vue Park)	R. Robertson, Esq.	5	1	0	83	22.06	176	113
Herringfleet	G. H. Wyllys, Esq.	5	0	8	55	22.39	220	130
Lound School	Miss F. B. Bartlett	5	1	0	..	23.51	183	118
Lound Pumping Station	Lowestoft Water & Gas Co.	8	1	0	34	23.40	169	122
Fritton Warren	Major-Gen. R. Upcher, D.S.O.	5	0	8	42	23.14	172	128
Fritton Hall	Major A. R. Buxton	8	0	10	40	22.84	212	131
Yarmouth (Burgh Hall)	H. P. Frederick, Esq.	5	0	10	45	23.10	176	121
5.—OUSE. 378 sq. mi.								
Drinkstone	J. E. Townsend, Esq.	5	3	0	270	24.29	..	105
Newmarket (Sewage Outfall)	W. H. Eley, Esq., C.E.	5	1	0	81	25.51	..	111
Bury St. Edmunds (Northgate St.)	Rev. J. S. Pratt	5	1	0	100	24.83	173	118
Bury St. Edmunds (Westley H.)	Mrs. Burrell	5	1	6	226	26.88	151	118
Bury St. Edmunds (Hengrave Hl)	Sir John Wood, Bart., M.P.	5	1	5	85	25.51	..	108
Fornham St. Martin Rectory	Rev. H. Buckton	5	1	0	125	22.87	158	112
Bury St. Edmunds (Troston Hall)	F. S. Beauford, Esq.	5	1	1	150	25.41	178	116
Barton Mills (Holland Ho. Gdns)	Mr. J. Reynolds†	8	1	0	40	..	..	..
Mildenhall	H. R. W. Forster, Esq.	5	1	3	50	21.88	173	111
Elveden Hall	The Earl of Iveagh, K.P.	5	1	0	130	24.89	215	129

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926				
			Height of Rim above Ground.	Ground above Sea Level.		Rain-fall.	Days with .01 in. or more.	Days with .04 in. or more.		
NORFOLK. (Area, 2044 sq. mi.)						in.	ft.	in.	ft.	in.
1.—YARE. 658 sq. mi.										
d Brockdish Rectory	Rev. Wilson W. White....	5	1	1	115	22·7	22·89	184	127	
d Diss (The Cedars)	Dr. H. M. Speirs	5	1	8	108	..	20·45	163	112	
d Pulham St. Mary (Hill House) ..	W. G. Rutter, Esq.	5	1	0	120	24·7	24·66	206	131	
d Denton Rectory	Rev. Canon T. H. Bindley	5	0	10	50	23·4	23·71	186	124	
d Beccles (Geldeston)	Miss E. Dowson	5	1	0	37	23·7	21·92	175	114	
d Ditchingham	W. G. Rutter, Esq.	5	1	0	25	23·9	21·03	167	117	
d Beccles (Ravensingham Hall) ..	N. H. Bacon, Esq.	8	1	3	60	24·6	22·84	154	123	
d Hapton Parsonage	Lt-Col. H. C. Copeman ..	5	1	0	120	..	22·15	164	120	
d Spooner Row (Wattlefield Hall)	E. F. Routh Clarke, Esq. .	5	1	4	165	..	24·33	185	128	
d Lodden (Chedgrave Manor) ..	C. E. Dupuis, Esq.	5	1	6	17	24·2	21·96	185	132	
d Wymondham (Morley School) ..	T. E. Ormond, Esq.	8	1	8	152	25·3	23·50	216	136	
d Wymondham	J. B. Pomeroy, Esq.	8	1	3	118	..	26·46	182	133	
d Ashby St Mary (The Hall)	R. T. E. Gilbert, Esq.	5	1	4	104	..	22·43	166	124	
d Hingham	F. B. Law, Esq.	5	1	0	193	25·1	23·52	178	122	
d Keswick Old Hall	E. Knight, Esq.	5	1	0	90	26·4	23·33	197	126	
d Gorleston Coastguard Station ..	The Meteorological Office .	8	1	0	16	23·3	22·90	183	115	
d Yarmouth (Northgate Street) ..	G. W. Hughes, Esq.	5	1	0	7	25·3	22·95	200	130	
d Norwich(Christ Church Rd Eaton)	A. W. Preston, Esq.	5	1	0	98	26·5	24·66	194	132	
d Norwich(Carrow Abbey Gardens)	Miss Colman	5	1	3	35	25·2	24·26	187	131	
d Norwich (Ipswich Road)	J. H. Willis, Esq.	5	1	0	110	..	23·90	190	128	
d Norwich (Heigham Cemetery) ..	L. Alan Jewell, Esq.	5	3	2	37	25·5	23·87	189	130	
d Thorpe St. Andrew (Thorpehurst)	Capt. J. H. Mander, O.B.E.	5	1	6	45	26·2	23·87	189	122	
d Norwich (Marlingford Hall)	Major E. H. Evans-Lombe	5	2	0	50	26·9	26·31	173	..	
d Sprowston (Oak Lodge)	A. Cozens Hardy, Esq.* ...	5	1	0	100	25·2	22·48	179	116	
d Drayton Hall	J. H. Walter, Esq.	5	0	8	..	26·0	22·37	..	..
d Swanton Morley Rectory	Rev. G. D. Barry	5	1	0	105	24·3	28·14	..	136	
d Swanington (Heath House)	P. Norgate, Esq.	5	1	3	101	25·6	24·24	185	137	
d East Bilney Hall	Mrs. Hervey*	5	4	0	140	26·6	27·58	178	132	
d Cawston Rectory	Rev. T. H. Marsh	5	1	0	120	26·6	25·44	171	135	
2.—YARE—Bure & c. 368 sq. mi.										
d Acle	Miss Davie*	5	0	6	51	25·1	24·29	203	126	
d Sprowston (The Church Farm) ..	H. B. Cowell, Esq.	5	1	0	93	..	22·48	179	116	
d Yarmouth (Ormesby St. Michael)	Gt. Yarmouth W. W. Co. .	8	1	0	22	26·2	23·48	206	128	
d Wroxham House	D. Chisholm, Esq.	5	1	6	..	..	24·31	153	129	
d Coltishall (Manor House)	F. A. Bainbridge, Esq.	5	0	11	20	25·5	22·41	182	131	
d Wroxham (Hoveton Hall)	G. F. Buxton, Esq., C.B...	5	3	6	25	26·5	23·87	194	129	
d Barton (Turf Hall)	J. M. Wood, Esq.	8	0	10	40	..	22·07	157	120	
d Aylsham (Rippon Hall)	Major H. S. Marsham	5	0	7	90	26·4	25·62	160	139	
d Worstead (Dilham)	Rev. J. A. Laurence*	5	0	8	25	26·3	23·46	185	139	
d Worstead (Lyngate Cottage) (+A)	Miss F. E. Hooper	8	1	0	55	26·5	25·20	198	131	
d Aylsham (Woodgate House)	Lt-Col. J. W. Purdy	5	1	0	100	27·2	25·59	183	142	
d Felmingham House	Lt-Col. R. S. Hunt, D.S.O.	5	1	0	130	..	24·58	181	129	
d Hindolveston (Church Farm) ..	R. G. Lee, Esq.	5	1	0	..	26·5	26·17	185	148	
d Hindolveston (School House) ..	Owen Potter, Esq.	5	1	0	200	..	26·50	..	..
d North Walsham (Empson House)	W. S. Horn, Esq.	5	1	0	102	..	24·21	182	133	
d Swafield Rectory	Rev. H. Muir	5	0	10	100	25·5	25·09	167	125	
d North Walsham (Guntton Park)	late W. Allan, Esq.*	8	1	6	..	25·9	25·11	..	123	
d Cromer (Northrepps Hall)	Miss R. E. Gurney	5	1	2	225	26·7	27·10	204	141	
3.—STIFFKEYS & C. 288 sq. mi.										
d Sandringham House Gardens ..	Mr. T. H. Cook	5	0	9	121	27·0	23·98	230	138	
d Walsingham	Rev. Canon J. Blake-Humfrey	5	0	6	54	25·9	22·57	182	126	
d Overstrand (East Terrace)	R. Simpson, Esq.	5	0	11	130	..	22·40	159	120	

* Per Norfolk Rainfall Organisation.

DIVISION IV.—EASTERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		in.		Rain- fall.	Days with ·01 in. or more.	Days with ·04 in. or more.
			Rim above Ground.	Ground above Sea Level.					
NORFOLK—(con.).		in.	ft.	in.	ft.	in.	in.		
3.—STIFFKEYS & C.—(con.).									
d Cromer (The Warren)	F. H. Barclay, Esq.	5	1	0	101	24·1	23·76	169	135
d Cromer (Gas Works)	Cromer U.D.C.	5	1	0	..	20·6	23·77	189	127
d Wells (Holkham Park)	Earl of Leicester, G.C.V.O.	5	1	0	..	..	24·07	177	138
d Langham Episcopi Vicarage ...	Rev. John H. Toy*	5	0	6	139	23·2	23·77	195	134
d Sheringham Hall	Miss E. Upcher	5	0	10	130	23·6	23·32	178	129
d Sheringham (Skelding)	F. Hall Smith, Esq.	8	1	0	70	..	23·98	167	130
d Wells (Holkham Hall)	Earl of Leicester, G.C.V.O.	8	4	6	39	..	21·42	..	..
d Blakeney	Mr. R. Lee	5	1	3	29	23·0	24·56	167	129
d Hunstanton	H. B. Belding, Esq.	5	1	1	105	..	18·05	154	106
4.—OUSE & C. 700 sq. mi.									
d E Harling (Garboldishm Mnr) ..	Major E. W. Denny, D.S.O.	6	1	3	70	23·2	25·20	184	120
d Thetford (Ford Street Gdns.) ..	Mr. A. Pipe	5	1	0	44	23·4	22·96	..	..
d Thetford (Kilverstone Hall) ...	Baron Fisher of Kilverstone	8	4	0	70	21·7	23·78	181	126
d Thetford (Waterworks)	E. S. Greenwood, Esq.	8	1	0	165	23·8	24·70	198	135
d Attleborough (Quidenham Hall)	Mr. J. Dewhurst	5	1	0	100	24·1	24·74	..	112
d Old Buckenham Hall (R)	Mr. P. Leonard	11	3	0	150	..	23·25	190	123
d Hargham Hall	Sir H. R. Beevor, Bart., M.D.	8	0	9	100	24·9	23·58	170	119
d Caston (Flaxmoor)	Lt. Col. T. S. N. Hardinge ..	5	2	7	150	..	22·18	206	120
d Watton (Merton Hall Gardens)	Mr. G. Barrell	5	1	0	156	26·7	23·19	172	117
d Watton	A. A. Gompertz, Esq.	5	1	0	166	25·7	26·52	176	124
d Downham (Dial House)	Messrs. T. H. Wenn & Co...	5	1	6	..	22·5	20·81	149	115
d Downham (High Street)	J. M. Jackson, Esq.	5	1	6	16	..	20·61	146	114
d Outwell (Well Creek Sluice) ...	Major R. G. Clark, C.E.	9	2	6	16	22·0	21·67	..	106
d Emneth (Inglethorpe Manor) ..	F. M. Bland, Esq.	5	1	0	6	22·4	23·26	..	115
d Wallington Hall	J. L. Luddington, Esq.	5	0	6	58	23·7	21·11	144	110
d Swaffham (The Villa)	Lt. H. Lee Warner, Esq.* ..	5	0	9	246	26·3	25·00	180	122
d Swaffham	Messrs. Vynne & Everett, Ltd.	5	2	7	210	..	26·39	158	129
d Sporle	T. H. Matthews, Esq.	5	4	0	230	..	25·94	214	127
d Little Dunham (Dunham Cott.) ..	A. G. Copeman, Esq.*	5	1	1	320	27·2	27·24	192	127
d Great Dunham (The Rectory) ..	Rev. E. C. S. Upcher	5	0	6	310	26·5	26·74	186	135
d Wigganham (St. Germans Sluice)	Major R. G. Clark, C.E.	8	1	6	..	23·1	21·37	151	131
d East Winch (Holland House) ..	J. C. Cottam, Esq.	5	1	3	55	23·3	22·69	162	121
d King's Lynn (Manure Works) ...	J. Brown, Esq.	5	1	2	10	..	21·83	..	..
d Tittleshall	Capt. H. J. Buxton	5	1	6	285	26·8	25·30	170	128
d Grimston (School House)	J. R. Steward	5	1	2	75	..	23·59	236	134
5.—NENE. 30 sq. mi.									

DIVISION V.—SOUTH WESTERN COUNTIES.

WILTSHIRE. (Area, 1375 sq. mi.)

1.—LOWER AVON. 386 sq. mi.

d Westbury (Biss Bottom, P.S.) ..	H. Ireland, Esq.	5	0	6	311	..	33·44	175	146
d Westbury (Cambridge House) ..	Dr. W. K. A. Richards ...	5	1	0	190	..	29·37	169	133
d Westbury (The Vicarage)	K. E. Alexander, Esq.	5	1	3	181	..	29·24	169	131
d Market Lavington (Old House)	Miss A. Pleydell Bouverie ..	5	0	9	290	..	29·10	165	139
d Trowbridge (Rood Ashton)	Mr. W. Strugnell	8	1	6	250	..	34·85	183	139
d Trowbridge (Town Hall)	The Engineer	8	1	2	131	..	30·25	155	129
d Bradford (Woodleigh)	A. Scratton, Esq.	5	2	4	226	..	34·09	183	149
d Bradford (Winsley Manor)	E. W. Knatchbull, Esq. ..	5	0	6	400	..	32·18	185	140

* Per Norfolk Rainfall Organisation.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926			
		Diam. Rim above Ground.	Height of above Sea Level.			Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.	
WILTSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
1.—LOWER AVON—(con.).									
D Bradford (Manvers House)	Dr. C. E. S. Flemming . . .	5	1	6	130	..	31·65	180	142
D Seend (Cleeve House)	(R) late W. Heward Bell, Esq. .	..	1	0	160	..	28·63	188	133
D Seend (Manor Cottage)	Rev. E. Seymour Awdry . .	5	1	0	325	..	27·34	192	143
D Holt (The Retreat)	A. V. H. Beaven, Esq. . . .	5	2	6	145	..	29·43	170	137
D Devizes (Wilts Co. Mental Hospl.)	Dr. S. J. Cole	8	2	3	385	..	27·18	..	..
D Devizes (Broadleas)	W. H. L. Ewart, Esq. . . .	5	1	1	400	..	28·21	..	..
D Devizes (Highclere)	H. W. Green, Esq.	5	1	6	450	28·3	30·65	178	143
D Great Chalfield	Major R. F. Fuller	5	1	2	165	..	30·19	172	139
D Calne (High Street)	E. W. Brown, Esq.	4	1	0	242	28·9	32·78	183	147
D Calne (Compton Bassett Gdns.)	Mr. H. Welch	5	0	10	384	..	32·73	165	140
D Chippenham (Rowden Hill)	Miss A. M. Collen	5	1	4	223	..	33·23	186	144
D Wroughton (Basset Down Ho.)	Mrs. Arnold Forster	5	1	0	500	..	31·67	162	133
W Luckington Court	Major A. Johnson-Ferguson .	5	0	8	400	..	34·71	..	..
D Malmesbury (Lea House)	Rev. H. Milnes-Walker . . .	5	1	6	260	..	31·90	180	149
D Malmesbury (Easton Grey)	Mr. W. L. Balcombe	5	3	8	355	..	34·77	185	144
2.—STOUR. 33 sq. mi.									
D Mere (Charnage)	A. R. White, Esq.	5	1	0	426	..	32·84	212	141
D Stourhead	Sir H. H. A. Hoare, Bart. .	5	1	0	583	..	36·49	153	132
Kilminster Rectory	Rev. H. G. Fox-Strangways .	5	1	6	710	..	36·75	201	151
3.—EAST AVON. 554 sq. mi.									
D Longford Castle Gardens	The Earl of Radnor	5	1	0	139	..	33·51	174	131
D Fonthill House Gardens	Hugh Morrison, Esq., M.P. .	5	1	0	400	..	37·88	160	144
D Salisbury (Sewage Works)	W. J. Goodwin, Esq., C.E. .	5	2	2	153	..	31·96	173	130
D Salisbury (Manor Road)	Miss L. Awdry	5	1	0	250	..	32·28	189	146
D Salisbury (Atherton House)	Wilfrid Fletcher, Esq. . . .	5	0	11	250	..	30·80	209	126
D Salisbury (Newlands)	Dr. T. W. Newton Dunn . .	5	1	0	175	..	30·27	..	..
D Stratford-sub-Castle (Manor Ho.)	Miss F. Carpenter	5	0	9	168	..	30·33	171	130
D Porton (W.D. Experimental Stn.)	Meteorological Office	5	1	0	363	..	28·57	170	118
D Steeple Langford (Woodstock) . .	Miss A. J. Powell	5	0	8	..	..	31·89	161	131
D Wylve Rectory	Rev. E. Montagu Parken . .	5	1	8	246	..	30·49	158	126
D Maiden Bradley	The Duke of Somerset	5	1	6	626	..	37·98	150	141
D Sutton Veny (Greenhill)	Basil R. Hoare, Esq.	5	1	3	300	..	35·36	171	133
D Heytesbury	Dr. Hammond T. Hinton . .	5	1	7	300	..	33·63	191	138
D Larkhill (Sch. of Artillery)	The Meteorological Office . .	8	1	0	440	..	27·02	166	126
D Orcheston St. Mary Vicarage . . .	Rev. S. C. Winterton	5	0	9	285	..	29·10	166	130
D Chirton Old Manor Farm	Mr. T. Selfe	5	3	0	374	..	30·19	157	132
D Marlborough (Wilcot Manor) . . .	Lady Ernest St. Maur	5	1	0	..	..	33·43	..	139
D Bishops Cannings Vicarage	Mrs. H. H. Mogg	5	1	0	446	30·3	29·36	185	141
4.—TEST. 77 sq. mi.									
D Landford (Northlands)	Cedric R. Boulton, Esq. . . .	5	1	0	180	30·7	33·47	162	126
D Ludgershall (Conholt Park)	(R) E. A. Wigan, Esq.	8	1	0	800	..	29·86	146	114
5.—THAMES—Kennet. 169 sq. mi.									
D Marlborough College	W. F. Harling, Esq.	5	1	0	424	31·1	33·03	185	140
Marlborough (Salisbury Road) . . .	E. Kinder, Esq.	5	1	4	450	..	32·32	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
WILTSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
6.—THAMES—Cole & c. 156 sq. mi.									
D Wroughton (Swindon W. W.)	J.B.L. Thompson, Esq., C.E.	8	1	2	448	..	30.03	173	132
D Chiseldon (Hodson House)	A. Ashford, Esq.	5	0	9	560	..	31.51	182	140
D Swindon (Town Gardens)	J.B.L. Thompson, Esq., C.E.	8	1	4	471	27.5	30.79	160	142
D Purton (Restrop House)	Col. A. Canning	5	1	3	444	..	29.08	150	129
DORSETSHIRE. (Area, 988 sq. mi.)									
1.—PARRETT. 61 sq. mi.									
D Evershot (Melbury House)	Mr. R. Rintoul	5	1	6	500	38.7	33.62	151	124
D Chedington Court	Sir Henry Peto, Bart.	9	1	0	605	..	37.27	176	126
D Leigh Vicarage	Rev. T. L. Jenkins	5	0	10	250	..	34.91	173	138
D Sherborne Castle	Mr. Edwin Hill	5	1	0	195	..	32.06	202	137
Sherborne (Castleton)	Reading T. Grantham, Esq.	5	1	6	200	..	31.23	..	112
2.—AXE. 25 sq. mi.									
D Broadwindsor (Blackdown Ho.)	C. E. M. Pinney, Esq.	5	0	9	515	..	39.63	157	132
D Forde Abbey	G. D. Roper, Esq.	5	0	11	226	..	39.46	139	109
3.—FROME & C. 502 sq. mi.									
D Portland Bill (New Lighthouse)	The Meteorological Office..	8	1	0	32	25.2	25.55 ?	143	113
D Weymouth (Westham)	G. Nicolson, Esq.	5	1	0	20	28.0	29.12	160	124
D Weymouth (Springfield)	Major J. H. C. Devenish	5	1	3	96	..	31.34	181	135
D Chickerell (Montevideo)	Mrs. N.M. Richardson, O.B.E.	5	1	0	100	..	31.14	199	132
D Chickerell (Buckland Rippers)	Rev. C. S. Pugh	5	0	4	100	..	33.46	179	132
Tyneham House	Mrs. W. H. Bond	8	1	6	255	..	36.60	170	131
D Corfe Castle (Kingston Vicarage)	Rev. R. A. Bond	5	1	3	451	..	35.92	180	131
D Corfe Castle (Bucknowle Ho.)	C. Waterston, Esq.	5	1	6	170	..	34.95	159	127
D Steeple (Manor House)	Major F. H. Swann	5	0	8	231	..	36.48	162	137
D Creech Grange	J. W. G. Bond, Esq.	5	1	0	241	..	39.55	162	143
D Rodden (Rodden House)	A. H. White, Esq.	5	4	3	85	..	32.00	181	127
D Abbotsbury (West Street)	J. C. P. White, Esq.	5	1	6	147	..	30.82	161	131
d Upwey (Friar Waddon)	R. Davison, Esq.	5	1	0	215	..	33.09	..	..
d Upwey (Higher Well)	R. Davison, Esq.	8	1	0	289	..	31.26	..	..
D Wareham (East Holme)	Miss L. S. Bond	5	1	0	23	..	38.41	175	134
D Wareham (Binnegar Hall)	Mr. J. W. Hayward	5	1	0	65	..	38.07	177	131
D Wareham (Stockford)	W. Bond, Esq.	8	0	8	65	..	38.05	176	138
D Wareham (Trigon)	Mrs. L. Sturdy	8	1	4	60	..	39.42	190	132
D Dorchester (Lewell Lodge)	E. R. Sykes, Esq.	5	2	8	230	..	36.90	181	134
D Dorchester (Kingscote)	E. A. Ffooks, Esq.	5	1	0	226	..	38.28	184	140
D Dorchester (Wollaston House)	Capt. J. E. Acland	5	1	0	200	..	36.81	168	131
D Dorchester (Stinsford)	J. Wyndham Hull, Esq.	5	1	0	207	..	36.87	164	126
D Dorchester (Birkin House)	Col. W.H.F. Weber, C.M.G., D.S.O.	5	1	0	230	..	36.04	172	127
D Holton Heath (R.N. Cordite Fac.)	The Superintendent	8	1	0	64	..	33.91	161	121
D Parkstone (Firgrove)	F. R. Wadman, Esq.	5	1	0	180	..	31.41 ?	173	132
D Parkstone (St. Osmund's Road)	A. D. Stables, Esq.	5	1	3	60	..	36.15	177	132
D Branksome (Bourne Valley)	P. G. G. Moon, Esq.	8	1	3	84	..	35.36	167	130
D Branksome (Alderney Res.)	P. G. G. Moon, Esq.	8	1	3	213	..	28.96 ?	204	120
D Broadstone (Sewage Works)	T. Wicks, Esq.	5	1	7	26	..	31.97	163	125
D Lyme Regis (Horn Bridge)	E. T. Stoward, Esq.	5	1	0	100	..	37.06	171	129
D Lyme Regis (Boat Close)	Henry Ellis, Esq.	5	1	3	495	..	35.53	176	126
D Lyme Regis (Rotherfield)	Rev. E. J. Synge	5	0	8	145	..	38.32	196	138
D Lyme Regis (Overton)	C. Wanklyn, Esq.	5	3	0	400	..	34.59	201	119

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
DORSETSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
3.—FROME & C.—(con.).									
D Lyme Regis (Evington)	J. E. Hewitt, Esq.	5	0	9	300	..	36·34	164	127
D Lyme Regis (Highcliff)	Miss G. Lister	5	1	3	330	..	33·54	163	126
D Bridport (Coneygar)	H. Gordon, Esq., C.E.	5	1	0	110	..	30·90	161	122
D Tolpuddle Parsonage	Rev. Harold R. Long	5	0	6	100	..	35·74	178	129
D Tolpuddle (Rogers Hill)	Miss Underwood	5	1	6	190	..	35·89	162	124
D Puddletown Vicarage	Rev. A. R. Helps	5	2	8	195	..	38·60	165	140
D Bere Regis (Barrow Hill)	Mr. A. E. Lucas	5	1	0	120	..	36·14	164	122
D Bere Regis (Bloxworth House)	F. G. A. Lane, Esq.	5	1	6	118	33·7	38·92	162	122
D Broadstone (The Knoll)	J. Harvey Brand, Esq.	5	1	1	220	..	32·52	142	117
D Broadstone (Grange Road)	E. Nimmo, Esq.	5	0	10	160	..	34·90	189	130
D Wynford House	Col. Lord Wynford, D.S.O.	5	1	0	410	..	41·20	200	148
D Netherbury (The Chantry)	Col. H. L. Kitson	5	1	0	150	..	34·02	174	125
D Whitchurch (Longthorns)	Col. G. Pleydell-Railston	5	1	9	..	..	39·02	162	136
D Milton Abbas (Milton Abbey)	Mr. C. H. Perkins	5	0	10	333	..	42·09	189	150
D Beaminster (Hamilton Lodge)	Fiennes Trotman, Esq.	5	1	0	210	37·6	38·08	192	137
4.—STOUR. 388 sq. mi.									
D Kinson (Eglinton)	W. C. Keevil, Esq.	5	0	6	45	..	34·64	176	124
D Wimborne (Corfe Mullen W.W.)	G. V. Sparrow, Esq., C.E.	5	1	0	81	..	36·96	155	126
D Wimborne (Corfe Mullen, For. Hill)	E. Philip Belben, Esq.	8	2	0	300	..	37·41	180	136
D Winterbourne Whitchurch Vic.	Rev. H. H. Tilney Bassett	8	1	0	241	..	36·57	148	129
D Sturminster Marshall (Bailie Ho.)	Rev. J. Cross	5	1	0	85	..	37·06	167	125
D Wimborne (Codford House)	G. H. Batterbury, Esq., M.D.	5	0	9	69	..	35·90	188	128
D Blandford (Field's Oak)	H. S. Woodhouse, Esq.	5	1	0	..	..	34·48	167	136
D Blandford (Bryanston Gardens)	Mr. J. Jaques	5	1	0	185	..	38·58	164	133
D Turnworth	Lt.-Col. W. Parry Okeden	5	1	0	473	..	39·26	172	138
D Glanvilles-Wootton (Manor Ho.)	H. B. Debenham, Esq.	5	0	9	350	..	33·84	179	134
D Holwell (Westrow House)	W. Warry, Esq.	5	1	0	252	..	29·73	150	128
D Wimborne St. Giles (St. Giles Ho.)	The Earl of Shaftesbury, K.P.	5	1	6	165	..	32·65	167	122
D Gussage St. Michael Manor	Mrs. Good	5	1	4	200	..	33·78	174	134
D Iwerne Courtney Rectory	Rev. R. H. Gundry	5	1	2	200	..	35·87	162	129
D Iwerne Minster (Preston House)	Major H. W. Aston	5	1	0	220	..	33·62	187	138
D Iwerne Minster House Gardens	Mr. W. Phillips	5	1	0	244	..	33·80	163	133
D Fontmell Magna (Glebe Cottage)	Dr. J. Appleyard	8	1	8	300	..	31·48	149	120
D Handley (W. Woodyates Man.)	F. B. Eastwood, Esq.	5	0	9	368	..	32·84	..	..
D Cann (Spring Cottage)	A. Macdonell, Esq.	5	1	0	450	..	32·69	171	138
D Shaftesbury	G. P. Barter, Esq.	5	1	0	722	32·5	29·61	168	126
D East Stour (Homestead)	C. E. Davies, Esq.	8	1	0	330	..	31·86	183	130
D Bourton	B. P. Bartlett, Esq.	5	1	4	353	..	34·31	183	144
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	..	31·70	160	138
D Plymouth (Cattewater) §	(+A) The Meteorological Office	8	1	0	82	..	28·13	171	124
D Plymouth (The Hoe)	(+A) H. Victor Prigg, Esq., C.E.	8	1	0	116	36·7	30·54	168	125
D Plymouth (Drake's Reservoir)	F. Howarth, Esq., C.E.	5	1	0	149	..	31·63	162	123
D Plymouth (Freedom Park) (+A)	H. Victor Prigg, Esq., C.E.	8	1	0	208	..	34·72	180	141
D Devonport (Rowdens Res.)	F. Howarth, Esq., C.E.	5	1	0	201	..	30·01	174	132
D Plymouth (Hartley Reservoir)	F. Howarth, Esq., C.E.	5	1	0	321	..	35·68	177	143
D Bickley (Roborough Reservoir)	F. Howarth, Esq., C.E.	5	1	0	548	..	40·05	216	150
D Lee Moor Clay Works	R. Martin, Esq.	8	1	0	900	..	56·88	209	190
D Yelverton (Oakfield)	H. Edgcombe, Esq.	5	1	0	535	..	51·36	206	165
D Sheepstor (Red Stone)	F. Howarth, Esq., C.E.	5	1	0	760	..	53·28	213	170
D Sheepstor (Burrator)	F. Howarth, Esq., C.E.	5	1	0	755	..	53·87	213	171
D Sheepstor (Head Weir)	F. Howarth, Esq., C.E.	5	1	0	720	..	54·44	213	172

§ Exposure not orthodox.

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

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain- fall.	1926		
		Diam.	Height of		Ground Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
			Rim above Ground.	Ground above Sea Level.						
SOUTH DEVONSHIRE—(con.).										
2.—TAMAR & C.—(con.).										
D Dousland Reservoir	F. Howarth, Esq., C.E.	5	1	0	721	..	45·22	219	168	
M Dartmoor (Deancombe Farm)	F. Howarth, Esq., C.E.	5	1	0	807	..	58·25	..	..
D Dartmoor (Lowery)	F. Howarth, Esq., C.E.	5	1	0	899	..	53·14	212	171	
M Dartmoor (Leather Tor Farm)	F. Howarth, Esq., C.E.	5	1	0	910	..	52·30	..	..
M Dartmoor (Siwards Cross)	F. Howarth, Esq., C.E.	5	1	0	1074	..	59·68	..	..
D Whitchurch (Grenofen)	H. Chichester, Esq.	5	1	0	325	..	41·96	214	156	
D Whitchurch (Ashleigh)	Col. G. H. Bittleston	5	0	9	500	..	43·33	211	160	
D Whitchurch (Langstone)	Col. H. F. Coleridge, C.B.E.	5	1	0	700	..	44·76	203	152	
D Tavistock	W. J. Monk, Esq.	5	1	0	457	..	44·01	212	166	
D Tavistock (The Library)	J. Spurway, Esq.	8	20	0	282	..	39·31	209	158	
M Dartmoor (Double Waters)	F. Howarth, Esq., C.E.	5	1	0	1165	..	60·85	..	..
M Dartmoor (N. Hessary Tor)	F. Howarth, Esq., C.E.	5	1	0	1398	..	57·30	..	..
D Mary-Tavy (Blackdown)	H. K. G. Rogers, Esq.	5	1	0	846	..	51·61	222	183	
D Lifton (Kelly House)	Rev. Maitland Kelly	8	2	6	462	..	41·00	191	161	
D Coryton Manor	W. H. Blatchford, Esq.	5	1	2	450	..	40·45	153	130	
Lew Down (Coombe Trenchard)	H. M. Sperling, Esq.	5	1	0	450	..	39·83	196	143	
D Launceston (Polapit Tamar)	R. C. Coope, Esq.	5	1	0	315	39·3	36·98	192	145	
D Ashwater Rectory	Rev. G. D. Melhuish	5	1	0	500	..	39·14	176	153	
3.—ERM & C. 217 sq. mi.										
D Salcombe (Blackstone Lodge)	W. J. Shaw, Esq.	5	1	6	280	..	33·71	189	149	
D Newton Ferrers (Noss Mayo)	Lt.-Col. M. C. Collier	8	1	0	42	..	33·65	185	138	
D Yealmlton (Torr)	Miss M. Wimbush	5	0	11	100	..	33·17	195	149	
D Ermington (Strode)	Capt. H. Gore Hawker	5	1	0	75	..	38·30	189	149	
D Ivybridge (Filham House)	H. Alger, Esq.	5	1	0	160	..	40·18	193	150	
D Wrangaton (Plymouth M. Hos.)	H. Victor Prigg, Esq., C.E.	5	1	0	607	..	50·29	193	168	
D South Brent (Great Aish)	Miss Kingwell	5	1	0	500	..	53·95	206	160	
South Brent (Badworthy)	Miss D. B. Latham	5	1	6	550	..	55·60	..	..
4.—DART. 197 sq. mi.										
D Dartmouth (Ridge Hill)	Dr. H. J. Campbell	5	1	0	120	..	39·63	185	138	
D Churston Ferrers (Greenway)	Mrs. C. Williams	5	0	9	..	..	39·27	153	131
D Brixham (Combe Bank)	H. Clayton, Esq.	5	6	6	115	..	35·42	197	141	
D Ashpington (Myrtle Cottage)	G. H. Beecheno, Esq.	5	1	0	250	..	34·45	153	129	
D Waddeton Court	Sir A. L. Goodson, Bart.	5	1	0	175	..	37·67	158	138	
D Stoke Gabriel (Maisonnette)	Edward Stobart, Esq.	5	1	0	100	..	39·44	160	132	
D Totnes (Dundridge Gardens)	Mr. C. H. Cole	5	1	0	250	..	45·74	172	153	
D Paignton (Queen's Park)	C. Bellinger, Esq.	8	1	0	11	..	33·11	168	130	
D Paignton (Torquay Road)	H. Le B. Gunner, Esq.	5	1	0	10	..	34·67	186	131	
D Paignton Vicarage	Rev. H. M. Drake	5	1	0	42	..	35·65	174	132	
D Paignton (Claylands)	G. M. Rosling, Esq.	8	1	2	150	..	36·39	179	130	
D Totnes (Lakemead)	C. F. Rea, Esq.	5	1	6	50	..	42·42	155	132	
D Totnes (Walrond House)	H. Hurman, Esq.	5	1	2	40	..	39·74	155	127	
D Totnes (Berry Pomeroy)	C. Barran, Esq.	5	1	0	185	..	39·43	169	132	
D Totnes (Staverton)	J. A. Devenish, Esq.	5	0	11	50	..	39·45	157	130	
D Ipplepen Vicarage	Rev. R. D. Cooke	5	1	0	266	..	37·20	162	135	
D Holne (Church Park Cottage)	L. W. Frost, Esq.	5	1	6	620	59·8	58·64	192	155	
D Ashburton (Orchard Mount)	J. F. Scarlett, Esq.	5	1	0	250	..	45·25	176	142	
D Ashburton (Hele House)	E. M. Dowson, Esq.	5	1	0	350	..	47·52	181	149	
D Ashburton (Druid House)	J. S. Amery, Esq.	5	1	0	583	51·7	48·08	191	155	
D Ashburton (Leusdon Lodge)	Col. S. R. A. Hankey, D.S.O.	5	0	8	800	..	47·32	193	154	
D Princetown (Huccaby House)	Lt.-Col. H. H. Joll, D.S.O.	5	1	6	900	..	51·13	157	148	
D Princetown (Wydemeet)	Colin M. E. May, Esq.	5	1	0	900	..	58·27	215	178	
W Dartmoor (Cowsic Valley)	F. Howarth, Esq., C.E.	8	1	6	1352	..	62·95	..	..
† M Dartmoor (Black Dughill) No. 5	F. Howarth, Esq., C.E.	8	1	0	1590	..	44·72	..	..
† M Dartmoor (Beardown Tor) No. 3	F. Howarth, Esq., C.E.	8	1	0	1550	..	42·70	..	..
† M Dartmoor (White Tor) No. 1	F. Howarth, Esq., C.E.	8	1	0	1640	..	44·85	..	..
† M Dartmoor (Devil's Tor) No. 2	F. Howarth, Esq., C.E.	8	1	0	1785	..	44·15	..	..
† M Dartmoor (Cowsic Head) No. 4	F. Howarth, Esq., C.E.	8	1	0	1580	..	55·65	..	..

† Gauge over-exposed on moor.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Gauge above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
SOUTH DEVONSHIRE—(con.).						in.		
5.—TEIGN. 209 sq. mi.								
d Torquay (Cary Green)	G. E. Body, Esq.	5	1 0	12	33·0	31·75	173	127
d Torquay (Merton Lodge)	Miss Brown	5	1 0	250	..	28·44	171	121
d Torquay (Abbey Road)	Henry Brown, Esq.	5	1 0	125	..	32·46	167	131
d Torquay (Lower Warberry)	G. P. Hope, Esq.	5	1 1	220	..	30·65	183	127
d Torquay (Shipley Manor)	R. P. Kitson, Esq.	5	1 2	200	..	35·31	..	..
d Newton Abbot (Seale Hayne Coll.)	G. E. Furse, Esq.	5	1 0	357	..	33·47	182	126
Teignmouth (Bonnicliff)	Miss Horner	..	..	260	..	32·19	155	..
Teignmouth (Woodlands)	G. Rossiter, Esq.	..	..	50	..	30·02	..	..
d Teignmouth (Coombe Vale)	John F. Caley, Esq.	5	0 11	250	..	29·10	165	125
d Teignmouth (Landscape Road)	Dr. E. E. Moore	5	1 0	143	..	30·84	176	128
d Teignmouth (Den Gardens)	G. Rossiter, Esq.	8	1 6	19	31·8	29·48	163	125
d Teignmouth (Hazledown Res.)	G. Rossiter, Esq.	8	2 0	425	..	33·77	151	133
d Teignmouth (Shaldon Res.)	G. Rossiter, Esq.	5	1 0	213	..	34·12	..	131
d Teignmouth (Landscape Res.)	G. Rossiter, Esq.	8	1 0	133	..	32·07	150	132
d Teignmouth (The Shrubbery)	E. A. Norton, Esq.	8	1 0	275	..	31·35	193	137
d Ilminster	Miss E. Willcocks	5	3 0	650	..	47·73	170	148
d Dawlish (The Lawn)	S. F. C. Churchward, Esq.	5	1 0	18	..	28·95	190	125
d Dawlish (Luscombe Castle)	Peter Hoare, Esq.	8	1 2	175	..	35·88	186	133
d Bovey Tracey (Swallerton Gate)	S. C. Chapman, Esq., C.E.	5	1 6	1176	..	52·01	184	156
d Bovey Tracey (Hedgebarton)	S. C. Chapman, Esq., C.E.	5	1 6	1137	..	57·45	197	162
d Chudleigh (Rock House)	G. F. Wright, Esq.	5	1 2	190	..	32·70	165	124
w Ashcombe (Thorns Reservoir)	S. F. C. Churchward, Esq.	5	1 0	550	..	35·00	..	..
d Moretonhampstead (Bullaton)	S. C. Chapman, Esq., C.E.	8	1 0	928	..	35·87	210	146
d Moretonhampstead (Mardon)	S. C. Chapman, Esq., C.E.	8	1 0	837	..	35·55	210	138
North Bovey (Manor House)	Mr. J. G. Laurence	5	1 0	700	..	44·49	194	144
d Christow (Kennick)	S. C. Chapman, Esq., C.E.	8	1 0	836	41·7	40·49	204	142
d Christow (Smithacott)	S. C. Chapman, Esq., C.E.	8	1 0	861	..	36·65	199	137
d Moretonhampstead (Stinhall)	S. C. Chapman, Esq., C.E.	5	1 6	844	..	51·63	181	155
d Moretonhampstead (Blickngstne)	S. C. Chapman, Esq., C.E.	8	1 0	1158	..	29·81	..	..
d Christow (Laployd)	S. C. Chapman, Esq., C.E.	5	1 6	1041	..	41·78	203	143
d Moretonhampstead Rect. (+A)	Rev. Sir S. D. Dewey, Bart.	5	1 6	600	42·9	38·78	195	136
d Chagford (Huish)	Col. P. Hart Dyke, D.S.O.	5	1 0	595	52·9	43·43	211	154
6.—EXE. 445 sq. mi.								
d Exmouth (Douglas Avenue)	Mrs. S. G. Gillum	5	0 10	80	..	26·81	170	114
d Exmouth (Nidderdale)	Mrs. Herbert Stewart	5	1 0	51	..	26·85	182	117
d Exmouth (Highfield House)	Mrs. Thornycroft	5	1 0	100	..	27·49	178	120
d Exmouth (Hilby House)	Rev. F. S. Stooke-Vaughan	5	1 0	71	..	28·06	185	120
d Exmouth (Waterworks Road)	S. Hutton, Esq., C.E.	5	1 0	195	..	25·99	153	108
d Exmouth (Filters, Salterton Rd.)	S. Hutton, Esq., C.E.	8	8 6	195	..	28·71	181	123
d Exmouth (Filters, Capel Lane)	S. Hutton, Esq., C.E.	5	8 0	240	..	27·41	173	119
d Starcross	H. Falkner, Esq.	5	1 0	10	..	28·79	171	117
d Lympstone (Manor House)	Gilbert Shelden, Esq.	5	0 8	54	..	27·85	165	108
d Lympstone (Mussel Purifn. Sn.)	The Director	8	1 5	4	..	25·06	152	110
d Topsham (Ebford)	Lt.-Col. B. W. Bogle	5	1 0	45	..	27·56	179	121
d Topsham (Altamira)	Mrs. Wimbush	5	0 9	120	..	25·62	..	..
d Exeter (Hatfield, Longdown)	C. Holman, Esq.	5	0 10	450	..	32·10	155	124
d Aylesbeare (Rosamondford)	A. T. Loram, Esq.	5	0 6	220	..	30·01	..	..
d Exeter (Devon & Exeter Inst.)	J. E. Coombes, Esq.	5	13 7	155	30·5	28·60	171	130
d Exeter (The Close)	The Ven. Arch. J. N. Leeke	5	1 2	120	..	29·72	175	127
d Exeter (The Close)	Rev. Canon D. McLaren	5	1 0	120	..	30·62	179	135
d Exeter (Hele's School)	S. H. Cair, Esq.	8	7 0	133	..	27·07	167	126
d Tedburn St. Mary Rectory	Rev. H. Rusbridger	5	0 10	400	..	31·68	199	140
d Spreyton (Fuideg Manor)	Rev. E. V. Freeman	5	1 0	710	..	33·80	..	138
d Rockbeare Manor	Lt.-Col. H. Spencer Follett	5	1 0	180	..	30·17	161	121
Whimple (Ousley)	Rev. A. A. Sanders	5	0 6	200	..	31·40	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		in.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.					
SOUTH DEVONSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
6.—EXE—(con.).									
d Crediton (Ship Hotel)	R. Stanley Clarke, Esq. . .	8	1	2	150	..	32·41	204	142
d Crediton (Palace Cottage)	Dr. G. Rice	5	2	2	120	..	31·72	203	131
d Silverton (Killerton)	Mr. J. Wilson	5	1	0	150	..	27·73	137	122
d Crediton (Okefield)	Seymour F. Pope, Esq. . . .	5	1	0	325	..	30·80	202	141
d Copplestone (Coplestone House)	Miss Pope	5	0	11	315	..	31·92	199	146
d Bradninch (Dunmore House)	Miss H. R. Hepburn	5	1	0	300	..	32·09	172	135
d Cullompton	Murray T. Foster, Esq. . . .	5	1	0	202	35·3	34·65	197	141
d Tiverton (St. Aubyn's Park)	F. C. Fox-Strangways, Esq. .	5	1	0	394	..	35·58	190	143
d Tiverton (Hartnolls)	Maj.-Gen. F. A. Bowles, C.B.	5	1	4	226	..	35·39	185	145
d Tiverton (Alstree, Halburton) . . .	Miss M. G. Izat	5	0	9	240	..	36·77	200	148
d Tiverton (Lythecourt)	A. L. Sadler, Esq.	5	0	8	220	..	36·97	163	147
d Hemyock (Windlehurst)	Sir Arthur Tedder, C.B. . . .	5	1	0	750	..	36·49	199	156
d Bampton (Cove House)	Capt. G. Aspinall	5	1	0	450	..	37·03	..	138
7.—AXE & C. 237 sq. mi.									
d Budleigh Salterton (Lindenwd) Lt.-Col. J. H. Hamersley .		5	1	0	120	..	30·46	162	118
d Budleigh Salterton (Tidwell Ho.) Mrs. J. H. Foster		5	1	0	100	..	28·52	152	122
Budleigh Salterton (Squabmoor) S. Hutton, Esq., C.E. . . .		5	1	0	267	..	30·39	..	..
East Budleigh (Bicton Common) S. Hutton, Esq., C.E. . . .		5	1	0	300	..	30·31	..	..
d East Budleigh (Bicton Gardens) Mr. E. H. High		5	1	0	90	..	30·91	163	130
d Sidmouth (Sidmount)	Miss C. M. Radford	5	1	0	149	32·4	31·11	175	130
d Sidmouth (Sidmount)	Miss C. M. Radford	5	1	0	186	..	32·20	175	128
Sidmouth (Winslade Cottage) . Miss G. Collins		5	1	0	145	..	34·15	..	..
d Seaton (Pendeen)	Rev. A. H. Skipper	5	1	6	70	..	32·13	180	127
d Seaton (The Copse)	H. J. Roberts, Esq.	5	1	0	220	..	33·59	194	137
d Sidmouth (Harpford)	P. M. Miller, Esq.	5	1	6	195	..	31·60	170	128
d Lyme Regis (Pinhay)	Mr. W. F. Shillabeer	5	1	11	465	..	30·07 ?	168	130
d Lyme Regis (Ware)	A. J. Woodroffe, Esq.	5	0	10	318	..	35·82	185	136
d Ottery St. Mary (West Hill) . . . B. Stansbury, Esq.		5	1	6	340	..	33·62	187	137
d Ottery St. Mary (Broad St.) . . . Mr. H. D. Badcock		5	4	0	170	..	35·14	193	132
d Kilminster (Haddon Corner) . . . A. Hitchcock, Esq.		5	1	0	400	..	36·94	190	133
M Kilminster (Summerleaze) . . . A. Hitchcock, Esq.		5	1	0	82	..	35·55	..	..
d Axminster (Lea Combe House) Major A. C. F. Luttrell . . .		5	2	0	170	..	39·04	158	135
d Honiton (Beech Grove)	Major A. T. Baker	5	0	10	340	..	37·67	171	141
d Axminster (Coaxdon Hall) Dr. Cecil Woodhouse		5	1	0	165	..	37·02	176	127
d Membury (Yarty House)	Major W. H. Wilkin	5	1	0	245	..	34·04	166	120
d Membury (Green Down)	James Lee, Esq.	5	1	0	500	..	39·47	172	130
d Stockland (Reading Room) . . . R. T. Watkin-Williams, Esq., J.P.		5	3	0	350	..	41·30	164	142
NORTH DEVONSHIRE. (Area, 898 sq. mi.)									
1.—NORTH COAST STREAMS. 77 sq. mi.									
d Woolacombe (Hotel Grounds) . . . R. W. Hansford, Esq.		5	1	0	59	..	27·02	186	123
d Ilfracombe (Reservoir)	F. B. Goodman, Esq., C.E. .	5	1	0	395	..	44·55	213	171
d Ilfracombe (Langleigh)	H. B. Hollan, Esq.	5	1	0	127	..	38·26	190	146
d Ilfracombe (Ropery Meadow) * F. B. Goodman, Esq., C.E. .		5	1	0	74	36·0	31·09	177	133
d Martinhoe Rectory	Rev. R. W. Oldham	5	2	3	808	..	38·94	186	150
2.—TAW. 442 sq. mi.									
d Okehampton (South Zeal) S. T. Dean-Pitt, Esq.		4	0	8	750	..	44·22	178	157
d Spreyton (Lynderies)	Lt.-Col. J. Simpson	5	1	0	655	..	35·76	..	..
d Witheridge	Rev. J. A. S. Castlehow . . .	5	1	2	600	..	37·41	213	160

*Formerly called Ilfracombe (Meteorological Station).

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain fall.	Days with '01 in. or more.	Days with '04 in. or more.	
NORTH DEVONSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—TAW—(con.).									
d East Anstey (Rhyll Manor) . . .	Mrs. Hancock	5	1	6	850	..	41·22	173	156
d Filleigh (Castle Hill Gardens) . .	The Countess Fortescue . .	12	4	0	317	..	40·57	202	172
d Molland (Green Cottage)	S. J. Case, Esq.	5	1	9	674	..	47·96	217	172
Tawstock Court	Basil E. Peto, Esq.	8	1	9	150	..	33·26	..	..
West Buckland County School . . .	Rev. E. C. Harries	5	1	2	680	..	38·75	189	..
d Barnstaple (N. Dev. Athenæum) . .	Miss E. Young	8	1	0	25	36·6	32·46	190	152
d Barnstaple (Fort Hill)	Miss E. F. Sterry	5	2	3	200	..	33·31	195	155
d Barnstaple (Westaway)	Major O. L. Trechmann . . .	5	1	0	140	..	35·09	180	151
Goodleigh (Willesleigh House) . .	Lt.-Col. Montague H. Hall . .	5	1	0	375	..	34·59	174	..
d Goodleigh (Gunn Cottage)	Major H. Sandford Claye . .	5	1	0	720	..	38·57	205	165
d Braunton	A. J. Besley, Esq.	5	1	0	145	..	31·54	183	141
d Bratton Fleming Rectory	Rev. R. F. Cobbold	6	1	10	700	..	49·12	207	174
d Arlington Court	Miss Chichester	5	1	0	613	53·8	48·18	231	173
d Challacombe	F. B. Goodman, Esq., C.E. . .	5	1	0	815	..	51·48	197	170
d Georgeham (Spreacombe Manor) . .	A. Leigh Barker, Esq.	5	0	9	340	..	37·18	197	151
3.—TORRIDGE. 342 sq. mi.									
d Okehampton (Uplands)	E. P. Burd, Esq.	5	1	0	700	..	47·27	210	163
d Jacobstowe Rectory	Rev. J. S. Hyson	5	1	0	312	..	34·47	180	135
Dolton (Hilliers)	A. Smythies, Esq.	5	1	3	380	..	33·22	177	146
d Torrington (Enfield)	G. M. Doe, Esq.	5	1	0	337	39·3	35·76	192	147
d Torrington (Stevenstone House) . .	Lt.-Col. B. C. James	5	1	0	395	..	34·96	157	135
d Parkham (Melbury Moor)	F. Harding, Esq.	5	1	0	633	..	43·58	171	158
d Parkham (Melbury Reservoir) . . .	F. Harding, Esq.	5	1	0	517	..	46·09	176	162
d Buckland Brewer (The Cottage) . .	Miss B. G. Rogers	5	0	11	469	..	42·80	207	164
d Littleham (Orleigh Court)	W. H. Rogers, Esq.	5	1	0	260	..	41·62	197	156
d Landcross (South Close)	C. R. C. Hibbert, Esq.	5	1	0	100	..	29·31	185	133
d Bideford (Webbery)	Mrs. C. E. Boyd	5	1	0	355	..	34·06	194	151
d Bideford (Chudleigh House) . . .	M. G. Cartwright, Esq.	5	0	7	120	..	30·93	..	..
d Westleigh House	Rev. H. G. de C. Stevens Guille	5	1	0	187	..	30·69	196	145
d Northam (Fairlea)	Col. F. W. Bennet	5	3	0	200	..	29·13	172	137
d Northam (Cluden)	Mrs. Varwell	5	0	10	215	..	30·18	196	143
d Westward Ho! (Bellevue)	A. H. Boyd, Esq.	5	1	0	200	..	29·30	187	140
d Instow (Green Hills)	Col. F. W. Evatt	5	1	0	105	..	29·22	..	138
4.—WEST COAST STREAMS. 32 sq. mi.									
d Hartland Abbey	Mr. G. Sleep	5	1	6	222	..	30·42	163	134
d Clovelly Court	Mr. H. Tuke	5	1	0	360	..	41·79	195	160
5.—EXE. 5 sq. mi.									
CORNWALL. (Area, 1363 sq. mi.)									
1.—CAMEL & N.W. COAST STREAMS. 458 sq. mi.									
Lelant	Mrs. Tyringham . . . . .	..	..	..	..	..	38·07	..	..
d Hayle (Gwythian Road)	Caldwell Harpur, Esq.	5	0	10	98	..	34·71	187	142
d Camborne	F. Osborne, Esq.	5	1	6	402	..	37·83	179	155
d Redruth (Trewirgie)	A. P. Jenkin, Esq.	5	1	0	398	45·3	38·53	192	152
Redruth (Green Lane Nurseries) . .	F. Sanders, Esq.	5	0	6	270	..	32·70	..	..
d St. Agnes (Church Town)	Dr. W. C. Whitworth	5	5	0	318	36·5	28·67	199	142
St. Agnes (Trevaunance)	J. Hitchins, Esq.	5	0	7	200	..	26·89	188	134
Newquay (Reservoir)	Dr. C. C. Vigurs	5	1	0	114	..	29·10	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge				Aver- age Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with ·01 in. or more.	Days with ·04 in. or more.	
CORNWALL—(con.).		in.	ft.	in.	ft.	in.	in.		
1.—CAMEL & N.W. COAST STREAMS—(con.).									
D Newquay (Mount Wise) No. 1.	Dr. C. C. Vigurs	5	1	0	190	33·2	28·78	179	126
D Bodmin (Polgwin)	H. D. Foster, Esq.	5	1	0	400	..	42·80	203	158
D Bodmin (Castle Hill House)	Mrs. Leslie	5	1	0	484	..	42·61	234	162
D Helland (Tredethy)	A. C. Hext, Esq.	5	1	6	300	..	38·49	167	130
Little Petherick (St. Petroc Ho)	G. T. Skilbeck, Esq.	5	2	2	70	..	27·61	..	122
D Wadebridge (Bryn)	Miss K. D. Phillips	5	1	6	50	..	34·13	193	152
D Wadebridge (Trewornan)	Brig.-Gen. L. J. Hext, CMG.	5	1	0	30	..	32·20	187	139
D St. Kew (Skisdon)	Mrs. Braddon	5	1	0	100	..	35·98	194	147
St. Minver (Trebetherick)	A. T. Roseveare, Esq.	9	1	0	50	..	28·84	..	..
D Camelford (Stannon Clay Wks.)	E. Leamon, Esq.	8	1	5	800	..	48·03	202	165
Camelford (Lower Moor Farm)	C. J. Jenkin, Esq.*	5	1	0	905	..	50·44	206	174
D Bude (School House)	Karl Durston, Esq.	5	1	0	50	..	30·79	190	144
D Bude (Flexbury Hall)	E. L. Winter, Esq.	..	..	..	50	..	32·47	179	143
D Morwenstow Vicarage	Rev. H. H. Breton	8	1	0	331	..	38·23	207	174
Morwenstow (Tonacombe Man.)	W. W. Martyn, Esq.	5	1	0	450	..	33·28	183	148
2.—FOWEY & S.E. COAST STREAMS. 620 sq. mi.									
Lizard	A. Pearse Jenkin, Esq.*	5	1	0	244	..	31·22	..	..
D Ruan Minor	Miss H. F. Shepherd	5	1	0	210	..	31·37	180	136
D Mullion	H. H. Penrose, Esq.	5	0	10	178	..	32·44	167	133
D Porthcurno	Eastern Telegraph Co.	5	1	0	150	..	31·35	223	140
St. Keverne (Lanarth)	P. D. Williams, Esq.	5	1	3	310	..	35·05	189	146
D St. Keverne (Rosuick Cottage)	J. Oates, Esq.	5	1	0	250	..	35·38	191	143
Helston (Tenderah)	J. Walker Tyacke, Esq.	5	1	2	220	..	36·41	165	138
D Constantine (Pons-a-Verran)	A. Mayne, Esq.	8	1	0	60	..	34·20	203	137
D Penzance (Trewidden)	Mr. J. H. Murley	9	1	0	275	..	35·21	200	158
Penzance (Lower Larrigan)	E. T. Gregory, Esq.	5	1	0	70	..	34·30	..	..
D Penzance (Morrab Gardens)	C. H. Benn, Esq.	5	1	0	54	40·9	31·92	207	145
Penzance (Trengrwainton House)	Lt.-Col. E. H. W. Bolitho	10	0	0	400	..	41·37?	..	..
D Gulval (Co. Council Plot)	Mr. A. E. Gunningham	5	1	0	21	..	36·83	196	149
D Wendron (Halwin School)	F. P. Jenkin, Esq.*	5	2	0	540	..	39·41	153	119
D Falmouth Observatory (+A)	J. B. Phillips, Esq.	5	1	0	167	43·6	37·24	192	138
D Falmouth (The Crossways)	Comdr. A. Rogers, R.N.R.	5	1	3	75	..	38·28	193	146
D Falmouth (Trefusis)	Lt.-Col. The Hon. H. W. F. Trefusis	5	1	3	200	..	34·68	182	142
D Penryn (Ashfield)	J. G. Stephens, Esq.	5	1	0	95	..	36·86	211	145
St. Stythians (Trevaes)	Mrs. Williams*	5	0	11	495	..	46·13	..	..
D Devoran	Lord Clifden*	5	1	0	120	..	33·31	..	..
D Gwennap (Trevince)	C. H. Beauchamp, Esq.	12	1	0	240	..	38·74	200	155
St. Day (Council School)	R. R. Blewett, Esq.*	5	0	9	390	..	46·01	..	..
D Truro (Killiow)	Miss Daubuz	5	1	0	250	..	34·45	192	154
D Truro (Tregolls)	Miss C. L. Rashleigh	5	1	0	65	..	34·75	196	144
D Truro W.W. (Lower Tregurrow)	W. J. Lean, Esq.	5	1	0	71	..	33·50	186	149
D Fowey	C. I. Wellington, Esq.	5	1	0	51	..	30·52	167	144
D St. Austell (Trevarna)	W. M. Coode, Esq.	5	1	0	300	45·8	38·37	203	156
D Looe (Morval)	Capt. A. H. Tremayne, R.N.	5	1	0	150	..	39·34	187	146
D Lostwithiel (The Terrace)	R. Peace, Esq.	5	0	6	110	..	43·41	212	160
D Menheniot (Coldrenick)	Rev. F. E. Trelawny	5	1	0	301	..	38·80	171	148
D Liskeard (St. Pinnock Rectory)	Rev. S. H. Farwell Roe	5	0	5	400	..	49·37	233	180
D Liskeard (Penmilder)	Miss D. P. Foster	5	1	0	350	..	40·68	185	139
St. Clear (Tregarric)	Lt.-Col. J. D. A. Roberts	5	2	0	800	..	42·39	..	..
D Bolventor Vicarage	Rev. A. S. Rashleigh	5	1	0	845	..	57·98	216	178

* Per Cornwall Rainfall Association.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		in.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground Sea Level.					
CORNWALL—(con.).		in.	ft.	in.	ft.	in.	in.		
3.—TAMAR & C. 279 sq. mi.									
Devonport (Empacombe)	J. Sandercock, Esq.	5	1	0	20	36·8	33·62	179	136
Devonport (Cremyll)	S. B. Wilcox, Esq.	5	1	4	25	..	34·46	186	146
Torpoint (Trehill House)	Lt.-Col. J. D. A. Roberts	5	1	6	200	..	29·55	173	127
Saltash (Pentillie Castle)	W. T. Johnson, Esq.	5	2	3	150	..	41·26	195	139
St. Mellion Rectory	Rev. Canon F. T. Wintle	5	1	0	400	..	39·08	201	147
Albaston (Nanaim House)	N. R. Rosekilly, Esq.	5	4	0	500	..	35·67	177	131
Launceston (Landue)	Miss S. E. Tregoning	5	0	11	225	..	37·33	200	143
Launceston (Hexworthy)	R. B. Rogers, Esq.	5	1	0	270	..	37·51	194	141
Launceston (Pendruccombe)	Miss L. C. Seccombe	5	1	0	469	..	35·85	188	136
Egloskerry (Tregeare)	E. G. B. Lethbridge, Esq.	5	1	6	613	..	37·86	..	..
North Tamerton (Davies)	Miss M. A. Bray	5	4	0	390	..	31·98	179	150
4.—INSULAR.—Isles of Scilly. 6 sq. mi.									
St. Mary's	The Meteorological Office	8	1	0	165†	31·9	29·07	190	141
Tresco Abbey	Maj. A. A. Dorrien Smith	8	3	0	40	32·6	30·32	216	143
SOMERSETSHIRE. (Area, 1630 sq. mi.)									
1.—LOWER AVON. 300 sq. mi.									
Wanstrow (The Manor Cottage)	P. E. B. Warburton, Esq.	5	1	0	465	..	41·93	172	148
Shepton Mallet (Pondsmead)	R. A. Hobhouse, Esq.	8	1	0	710	..	47·47	198	161
Frome W. W. (Egford)	L. Slaughter, Esq.	8	2	0	270	..	36·33	191	146
Frome (Orchardcroft)	H. G. Chislett, Esq.	5	1	0	265	..	31·34	175	134
Frome (Selwood School)	Miss A. K. Coombs	5	1	7	320	..	35·18	206	131
Mells (Selwood)	Miss E. G. Horner	5	1	0	344	..	33·87	179	134
Binegar (Gurneyslade)	Rev. G. B. Hicks	5	1	0	588	..	46·26	193	155
Stratton-on-Fosse (Downside Ab)	Rev. G. B. Hicks	8	1	0	600	41·9	45·27	198	152
Orchardleigh Park	Major A. C. Duckworth	8	0	11	320	33·5	33·82	170	141
Chilcompton (The Woodlands)	C. H. M. Thring, Esq.	5	0	10	450	..	44·67	214	155
Chewton Mendip (The Priory)	The Earl Waldegrave	5	1	0	550	45·0	49·28	209	159
Midsomer Norton (Island Ho.)	Dr. G. S. Pollard	5	1	6	300	..	40·73	173	149
Midsomer Norton (Dymboro')	Dr. A. Bulleid	5	1	0	357	..	41·02	175	144
Radstock (Frome Hill)	C. H. Perry, Esq.	8	2	6	330	36·5	36·74	..	142
Litton (Sherborne Res.)	J. A. McPherson, Esq., C.E.	5	0	11	340	40·0	47·16	185	164
Harptree Hill	J. A. McPherson, Esq., C.E.	8	1	0	784	..	45·21	..	..
Hinton Blewett (Shortwood Ho.)	L. C. R. Thring, Esq.	5	1	2	490	..	45·75	187	161
Hinton Blewitt Manor	Maurice Church, Esq.	5	0	8	500	..	45·30	223	162
High Littleton Vicarage	Rev. T. H. Fitzpatrick	5	0	11	446	..	39·31	172	145
Monkton Combe (Crossways)	M. J. Lipscomb, Esq.	5	1	0	180	..	35·69	..	134
Pensford (Hunstrete House)	H. Leyborne Popham, Esq.	5	0	9	400	..	38·41	189	145
Chew Magna	J. A. McPherson, Esq., C.E.	5	1	4	180	36·3	36·70	174	152
Pensford (Publow School Ho.)	A. Hayes, Esq.	5	1	0	230	..	39·67	193	153
Bath (Henrietta Park)	Bath Corporation	5	1	0	66	30·3	33·17	185	143
Bath (Monkton Combe)	W. G. Lock, Esq.	5	1	0	450	..	35·18	190	154
Bath (Combe Lodge)	Major T. H. Clark	5	1	0	525	..	35·18	163	142
Bath (Combe Down)	Dr. T. F. Vaisey	5	0	8	500	34·4	35·66	176	153
Bath (Statutory Hospital)	Bath Corporation	5	1	0	520	33·7	33·92	154	137
Bath (Claverton Lodge)	G. Lipscomb, Esq.	5	1	3	375	..	32·09	172	142
Bath (Lansdown Place)	Sir Percy K. Stothert, K.B.E.	5	1	2	410	..	37·87	200	157
Bath (Charlcombe)	J. Dent Young, Esq., C.E.	8	2	0	325	32·0	34·55	178	141
Batheaston Reservoir	J. Dent Young, Esq., C.E.	6	2	0	248	31·1	36·33	217	148

† Previous to 27th November, 1926, height above M.S.L. was 128 ft.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
SOMERSETSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
1.—LOWER AVON—(con.).									
d Keynsham (Chewton Road)	A. E. Stephens, Esq.	8	2	0	134	..	33·50	158	137
d Bath (Brockham End)	Mr. H. A. Holland	5	1	0	710	..	33·86	196	149
d Barrow Gurney Reservoir	J. A. McPherson, Esq., C.E.	5	1	6	300	36·2	35·58	197	152
d Long Ashton (Research Station)	W. H. Neild, Esq.	8	0	8	162	..	35·91	207	146
d Walton-by-Clevedon (Lyndhurst)	Rev. F. H. Fowler	5	1	0	171	..	36·86	191	150
d Walton (Canok Lodge)	Major F. J. Winter	5	1	3	175	..	32·21	176	142
d Failand House	Miss Agnes Fry	5	1	0	385	36·7	39·45	208	162
d Portishead (St. Mary's Rd.)	Paul Sinnock, Esq.	5	0	10	67	..	31·55	171	137
d Portishead (Bristol Rd.)	Portishead Dist. Water Co.	5	1	6	24	..	32·17	167	136
2.—YEO, AXE & BRUE. 405 sq. mi.									
d Alford Rectory	Rev. A. B. Burney† . . . . .	..	..	..	100	..	32·94	197	159
d Somerton (Butleigh Court)	R. Neville Grenville, Esq.	8	1	2	95	30·5	34·21	183	139
d Bruton (Redlynch Park)	W. F. Pepper, Esq.	5	1	0	390	..	35·44	193	146
d Bruton (King's School)	A. W. Barnes, Esq.	5	1	2	240	..	36·48	190	139
d Ditchat Rectory	Rev. H. H. Tripp	5	1	0	230	..	33·68	182	141
d Street (Overleigh House)	J. B. Clark, Esq.	5	0	10	100	..	31·95	168	135
d Street (Hind Hayes)	Joseph Clark, Esq.	5	1	6	78	30·4	33·14	167	136
d Street (Millfield)	Miss Alice Clark	8	0	6	100	29·5	30·76	158	134
d Glastonbury (St. Michael's)	Ven. Archdeacon W. Farrer	5	1	0	220	..	34·93	193	143
d Edington	Major A. C. F. Luttrell	5	2	6	90	31·0	32·93	185	137
d Chilton Polden (West House)	Mr. E. Chick	5	1	0	100	..	29·85	181	135
d Shepton Mallet (Pilton)	Miss Allen	5	1	3	354	36·6	37·48	203	151
d Shepton Mallet (Charlton)	C. E. Burnell, Esq.	5	1	0	481	39·6	42·28	174	152
d Shepton Mallet (Field House)	F. H. Berryman, Esq.	5	1	0	500	39·8	42·56	197	167
d Shepton Mallet (Sewage Farm)	Mr. C. Marshman	5	0	8	310	..	41·31	204	167
d Doultling Vicarage	Rev. H. S. Darbyshire	5	1	0	693	..	41·95	208	159
d Wells (Mental Hospital)	Medical Superintendent	5	1	2	300	..	41·37	189	148
d Wookey Vicarage	Rev. F. P. Synge	5	3	0	80	..	37·47	199	144
d Wells (Wookey Hole Paper Mills)	W. S. Hodgkinson & Co., Ltd.	5	2	0	200	..	37·89	..	..
d Burnham (Chalbury)	H. A. Smith Spark, Esq.	5	1	0	20	..	32·36	188	143
d Burnham	W. H. Chowins, Esq., C.E.	8	0	9	24	..	31·11	176	139
d Burnham (Berrow Road)	Rev. C. E. B. Fripp	5	1	0	10	..	31·95	167	144
d Burnham (Brent Knoll)	Miss FitzGerald	5	2	0	26	..	32·83	180	140
d Cheddar (Pumping Station)	J. A. McPherson, Esq., C.E.	5	1	0	50	..	35·55	186	144
w Charterhouse	J. A. McPherson, Esq., C.E.	5	1	0	619	..	46·68	..	..
w Compton Martin	J. A. McPherson, Esq., C.E.	8	1	0	276	..	44·85	..	..
w Ubley (Rookery Farm)	J. A. McPherson, Esq., C.E.	8	1	0	525	..	45·84	..	..
d Winscombe (The Down)	J. Grubb, Esq.	5	1	0	295	37·6	37·67	197	159
d Banwell (Eversleigh)	Dr. Kenneth Anderson	5	1	6	50	..	35·06	197	160
d Banwell (Banwell House)	Miss M. S. Hewitt	5	1	0	50	..	35·59	173	151
w Blagdon Hill	J. A. McPherson, Esq., C.E.	8	1	0	550	..	42·02	..	..
d Blagdon (Pumping Station)	J. A. McPherson, Esq., C.E.	8	1	0	112	38·4	38·96	196	150
w Blagdon (Coombe Lodge)	J. A. McPherson, Esq., C.E.	8	1	0	388	..	40·61	..	..
w Ubley (Pixey Hole)	J. A. McPherson, Esq., C.E.	8	1	0	300	..	36·69	..	..
w Nempnett (West Town)	J. A. McPherson, Esq., C.E.	8	1	0	263	..	36·82	..	..
w Burrington (Burrington Links)	J. A. McPherson, Esq., C.E.	8	1	0	335	..	39·27	..	..
d Weston-spr-Mare (Clarence Pk.)	W. H. Allen, Esq.	5	1	0	28	29·9	31·09	171	138
d Weston-spr-Mare (Bristol Rd.)	F. Lee, Esq.	5	1	0	75	..	33·63	185	154
w Butcombe (Cholwell)	J. A. McPherson, Esq., C.E.	8	1	0	370	..	40·99	..	..
d Wrington (The Cottage)	H. C. Bristowe, Esq., M.D.	5	6	0	100	..	34·90	193	146
d Wrington (West Hay)	Miss M. C. Meade-King	5	1	2	98	33·9	38·58	200	150
d Wrington (Yeomans)	J. Stuckey, Esq.	5	4	0	135	..	35·17	183	146
d Yatton (Chelvey)	J. A. McPherson, Esq., C.E.	8	0	8	60	..	35·10	169	154
d Backwell	A. R. Robinson, Esq.	8	0	15	170	..	36·84	..	..
d Backwell Hill	W. Garnett, Esq.	5	1	0	490	38·4	36·05	178	153
d West Town	Theodore Robinson, Esq.	5	3	6	80	37·1	38·54	207	166

† Per Mid-Wessex Rainfall Association.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.			Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
SOMERSETSHIRE—(con.).									
2.—YEO, AXE & BRUE—(con.).									
d Flax Bourton (The Grange) ...	C. Onslow Master, Esq.	5	1	0	120	..	35·97	159	145
d Clevedon (Gas Works)	J. Harger Pye, Esq.	5	1	2	22	..	29·70	173	146
d Clevedon W. W. (Tickenhm Rd.)	J. Harger Pye, Esq.	5	1	6	70	..	30·12	184	141
d Clevedon (Bowling Green)	H. H. Brook, Esq.	5	0	11	126	..	31·63	..	130
d Clevedon (Mt. Heber Cottage) ..	G. M. S. Farmer, Esq.	5	1	0	144	..	30·69	191	144
d Wraxall Court	Mr. G. Hyde	5	0	10	200	..	36·34	171	156
3.—PARRETT. 568 sq. mi.									
d Chard (High Street Council Sch.)	F. Barnard, Esq.	5	1	2	425	..	39·90	192	139
d Crewkerne (The Reservoir)	E. H. Munford, Esq.	8	1	0	426	..	32·68	174	131
d Crewkerne (Bincombe House) ..	Mr. F. Spearing	5	1	3	293	34·7	35·53	170	137
d Crewkerne (Mark's Barn)	Mrs. R. Blake	8	0	9	260	..	32·56	191	132
d Chaffcombe House	Lt.-Col. L. H. Noblett	5	0	11	400	..	35·17	181	130
d Combe St. Nicholas	Rev. G. de Y. Aldridge	5	2	6	580	..	39·48	209	149
d Coker Court Gardens	Mr. T. H. Gilham	5	1	3	255	..	34·52	161	142
d West Coker	G. F. Deedes, Esq.	5	1	6	265	..	30·34	173	128
d Ilminster (Whitelackington Ho.)	S. Creed, Esq.	5	3	0	200	34·2	34·94	169	128
d Ilminster (Dillington Park) ..	(a) Mr. W. Goldthorpe	8	3	0	161	..	35·86	168	138
d Yeovil (Pen Mill Sewage Works)	Dr. C. W. Gee	5	1	0	102	31·5	29·61	213	135
d Stoke-under-Ham (The Gables)	Miss Gillett	5	1	0	80	32·8	37·04 ?	168	152
d Martock Vicarage	Rev. G. W. Saunders	5	0	9	61	..	31·90	171	137
d Angersleigh (Leigh Court)	A. Eastwood, Esq.	8	1	0	360	36·0	36·16	182	138
d Yeovil (Rimpton)	P. B. Cardwall, Esq.	5	0	4	147	..	30·88	202	146
d Taunton (The Park)	Dr. John Allen	5	1	0	71	..	28·53	174	121
d Taunton (Holy Trinity School)	A. P. Guest, Esq.	5	1	0	65	..	29·15	180	127
d Milverton (Spring Grove)	Major R. C. Coldwell	5	1	0	449	36·7	36·74	181	153
d Wiveliscombe (Culverhead) ...	T. R. Marsh, Esq., C.M.G. .	5	1	0	450	..	39·83	174	152
d Langport (The Grange)	Miss V. M. Page	5	1	0	50	28·7	31·77	206	143
d Langport (Council Schools) ...	H. G. Jefferies, Esq.	5	1	0	52	..	29·07	179	137
d Langport (Huish Episcopi)	Miss A. M. Kelway	8	1	1	30	26·5	28·87	169	126
d N. Cheriton (Maperton House) ..	Mr. W. Smith	5	1	3	390	..	35·85	..	..
d Somerton (The Grange)	R. W. Pretor-Pinney, Esq. .	5	1	0	106	..	31·73	168	132
d Kingston (Camplins)	Mr. H. Jones	5	1	0	250	..	32·00	188	147
d North Newton	D. W. Hurd, Esq.	5	0	9	50	..	31·73	..	..
d Aisholt (Timbercombe)	Mrs. White	5	1	2	700	..	36·76	153	134
d Bagborough Rectory	C. Hubert Lance, Esq.	9	1	0	470	..	36·04	206	151
d Bridgwater (Blake Gardens) ..	H. P. Bishop, Esq., C.E. .	5	3	1	27	..	30·33	171	132
d Bridgwater (Wembdon Road) ..	H. Corder, Esq.	5	1	0	30	..	31·45	166	136
d Cannington (Ashford)	H. P. Bishop, Esq., C.E. .	5	1	1	102	31·4	31·77	..	120
d Cannington (Brymore)	Mr. W. Kendall	5	2	0	65	31·2	34·45	173	143
4.—NORTH COAST STREAMS. 158 sq. mi.									
d Washford (Croydon Hall)	Capt. J. W. Bridges	6	1	3	680	..	40·38	182	153
d Bicknoller (Ford)	John Tracey, Esq.	5	1	3	150	..	35·77	198	145
d Bicknoller (Willett)	H. C. Venning, Esq.	5	1	0	450	..	35·89	..	134
d Williton (Aller Farm)	R. G. Hosegood, Esq.	5	3	0	175	34·4	33·75	164	130
d Williton (The White House) ...	S. L. Rogers, Esq., J.P. .	5	1	9	97	..	31·53	165	125
d Stogursey (Fairfield House) ...	Lord St. Audries	5	1	0	150	..	32·08	178	139
d Kilve Court	J. C. Hurle, Esq.	5	1	0	150	..	31·83	181	131
d Porlock (Lynch Mead Allerford)	J. Dyke Acland, Esq.	5	1	3	113	35·5	34·41	195	144
d Porlock Rectory	Rev. W. P. Holmes	5	0	9	134	..	43·77	173	143
d West Porlock (Underway)	N. G. Hadden, Esq.	5	1	0	80	..	43·95	131	124
d Culbone (Lillycombe)	E. T. Macdermot, Esq. ...	5	1	0	1210	..	48·41	217	177

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

STATIONS.	AUTHORITIES.	Rain-gauge				1926			
		Diam.	Height of		Average Rain-fall.	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
			Rim above Ground.	Ground above Sea Level.					
SOMERSETSHIRE—(con.).									
5.—EXE. 122 sq. mi.									
d Brushford Rectory	Rev. B. J. du Boe.....	5	1	0	450	..	43·65	189	156
d Brushford Nurseries	Mr. G. Ruff.....	5	1	2	430	..	42·25	197	157
d Hawkridge (Liscombe)	Mr. E. W. Darby	5	3	6	980	..	60·09	236	177
d Withypool (Comers Cross)	J. Warry, Esq.	5	1	0	1140	..	54·35	204	173
d Cutcombe (Wheddon Cross) ..	W. J. Tovey, Esq.	5	1	6	945	..	50·98	190	145
Exford (North Ley)	F. G. Heal, Esq.	5	5	6	1000	..	55·15	..	..
d Exford (Foxcombe)....	Cmdr. Q. B. Preston-Thomas, R.N.	5	1	6	1050	..	53·33	198	163
d Simonsbath	Mrs. A. H. Molland.....	5	0	10	1080	..	60·07	206	180
6.—AXE. 42 sq. mi.									
d Cricket St. Thomas (Cricket Ho.)	Mr. G. F. Richardson	5	1	0	44	39·3	40·64	173	137
7.—STOUR. 35 sq. mi.									
d Temple Combe Rectory	Rev. Preb. R.W. Windsor .	5	0	6	215	35·9	34·37	169	145
d Temple Combe (Cheriton Ho.)...	W. Wise, Esq.† .....	..	..	..	..	..	33·68	171	144
d Wincanton (Roundhill Grange)	Maj.-Gen. C. H. P. Ducat..	5	1	1	375	..	36·21	192	149

DIVISION VI.—WEST MIDLAND COUNTIES.

GLOUCESTERSHIRE. (Area, 1243 sq. mi.)

1.—WYE. 50 sq. mi.									
d Chepstow (Castleford)	Mrs. W. R. Lysaght	5	0	8	146	..	37·27	174	141
d Chepstow (Pen Moel)	W. R. Price, Esq.	5	1	0	240	..	35·38	177	138
d St. Briavels (St. Briavels House)	Surg. Capt. O. W. Andrews, R.N.	5	1	0	750	..	43·96	197	146
d Forest of Dean (Mailscoth Ldge.)	Office of Woods	8	1	0	500	..	33·18	177	139
d Forest of Dean (Ruardean H. Lo.)	Office of Woods	8	1	0	932	..	36·67	151	130
d English Bicknor (Bicknor House)	T. F. Harvey, Esq.	5	2	0	490	..	33·28	175	131
d Lydbrook (Viaduct House)	G. S. Damsell, Esq.	5	1	0	95	..	31·76	195	133
2.—SEVERN—Right Bank Tributaries. 176 sq. mi.									
d Lydney (Clanna Cottage).....	Brig.-Gen. A. M. Tyler ...	8	0	10	359	..	38·73	190	133
d Forest of Dean (Blakeney Hill)	Office of Woods	8	1	0	500	..	33·06	174	138
d Forest of Dean (Whitemead Pk.)	Office of Woods	8	1	0	200	..	35·43	166	134
d Forest of Dean (Worcester Lo.)	Office of Woods	8	0	11	712	..	35·95	182	144
d Coleford (Cannop Colliery)	J. J. Joynes, Esq.	5	10	0	300	..	33·54	188	134
Westbury-on-Severn (Elton) ..	Samuel Bullock, Esq.	5	1	4	85	..	31·11	169	120
d Westbury-on-Severn (Ninnagel L.)	Miss Grant	5	3	0	120	..	27·85	186	131
d Forest of Dean (Edgehills Lodge)	Office of Woods	8	1	0	915	..	35·14	189	149
d Newent (Clifford Manor)	F. F. Grafton, Esq.	5	1	5	310	..	30·14	162	132
d Oxenhall (Dymock Woods)	Office of Woods	8	1	0	232	..	29·15	169	118
d Bromsberrow Heath Pump Stat.	W. Osborne Thorp, Esq., C.E.	5	1	0	181	..	28·23	175	113
d Tewkesbury (Forthampton Ct.)	Mr. B. Webster	5	1	0	48	..	26·61	181	123
d Tewkesbury (Upper Lode).....	J. E. Bradley, Esq. ....	..	..	..	..	..	24·70	177	120
3.—SEVERN—Left Bank Tributaries. 372 sq. mi.									
d Thornbury (Thornbury House)	H. V. Gillett, Esq.	5	1	8	110	..	32·07	..	..
d Thornbury (Thornbury Park) ..	Capt. R. A. Bennett	5	1	3	70	..	32·78	183	137
d Tortworth Court	Mr. J. Banting	8	1	0	264	..	32·09	180	143
d Tortworth School	E. A. Smith, Esq.	5	1	6	264	..	32·38	184	145
d Wotton-under-Edge (Claremont)	R. Penney, Esq.,	5	0	6	350	..	31·59	204	139
d North Nibley (Nibley House) ..	Lt.-Col. J. D. Buckton, V.D.	5	1	0	380	..	30·35	197	149
d Dursley (The Manor)	Miss H. M. Hutton	5	1	1	274	..	34·19	200	152

† Per Mid-Wessex Rainfall Association.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
GLOUCESTERSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
3.—SEVERN—Left Bank Tributaries—(con.).									
d Avening House	Lady Eleanor Atkinson ...	8	1	3	350	..	33.42	184	150
d Berkeley Castle Gardens	Mr. T. B. Ashbee	5	1	6	60	..	32.97	177	143
d Nailsworth (Three Corners)	F. R. Rushton, Esq.	5	0	9	325	..	35.40	204	149
d Berkeley (Sharpness Docks)	F. G. Marling, Esq.	5	2	0	50	..	32.43	202	133
d Minchinhampton (Rectory Cott.)	G. W. Fisher, Esq.	5	1	0	610	..	34.89	197	143
d Minchinhampton (Camp Field)	Miss B. M. Legh	5	1	6	650	..	35.32	196	140
d Frocester Manor	Capt. J. E. H. Graham-Clarke	5	1	0	80	..	28.43	165	128
d Stroud (Churchfields-Rodborough)	Rev. W. A. Jones	5	1	0	400	..	33.60	181	146
d Stonehouse (Wycliffe College)	W. A. Sibly, Esq.	5	1	0	120	..	31.76	172	141
d Stroud (Field Place)	A. W. Stanton, Esq.	5	1	0	226	..	28.35	..	123
d Bisley (Jaynes Court)	Hugh T. Coles, Esq.	5	0	11	777	..	32.95	207	147
d Stroud (Berrimans)	E. Armitage, Esq.	5	1	0	750	..	33.90	..	..
d Stonehouse (Parklands)	W. Grey Robinson, Esq. J.P.	5	2	6	103	..	26.61	190	134
d Stroud (Lypiatt Park)	Mr. A. J. Buck	5	1	0	820	..	33.45	..	..
d Whitminster (The Junction)	late F. A. Jones, Esq., C.E.	5	1	0	32	..	30.44	192	145
d Haresfield Court	Mrs. Tidswell	5	0	10	100	..	32.57	187	140
d Harescombe Grange	Stamford Hutton, Esq.	5	1	0	557	..	30.22	192	137
d Quedgeley House	Mrs. D. Curtis-Hayward ..	5	1	3	65	27.9	26.51	206	127
d Witcombe Reservoir	C. J. Scudamore, Esq.	8	3	0	297	..	28.96	170	128
d Brockworth (The Kia)	Mrs. Grace Buckle	5	1	4	220	..	28.35	162	122
d Gloucester (The Park)	R. H. Ellis, Esq.	8	1	3	56	..	25.09	178	126
d Gloucester (Northernhay)	Harley Butt, Esq.	5	1	7	79	..	25.00	169	130
d Gloucester (Llanthony Lock)	J. E. Bradley, Esq.	5	1	2	39	..	24.18	..	..
d Gloucester (Maisemore Lock)	J. E. Bradley, Esq.	5	1	1	39	..	23.60	177	129
d Churchdown (Barrow Hill)	Mrs. J. H. Jones	5	1	0	225	..	28.88	187	136
d Dowdeswell Reservoir	J. S. Pickering, Esq., C.E.	5	1	3	357	..	31.85	167	125
d Cheltenham (Thirlestane Hl) (R)	J. Player, Esq.	8	2	0	240	..	29.72	171	137
d Charlton Kings (The Grange)	Miss E. M. Heberden	5	0	9	300	..	30.80	186	135
d Cheltenham (Hewletts Res.)	J. S. Pickering, Esq., C.E.	8	1	6	419	..	29.33	176	133
d Cheltenham (Sandford Mead)	J. S. Pickering, Esq., C.E.	5	2	6	210	..	28.33	178	133
d Cheltenham (Old Bath Road)	F. A. Jones, Esq., C.E.	5	1	0	290	..	30.64	177	135
*d Cheltenham (Montpellier Gds.)	Lt. Cmr. J. Orgee, D.S.C., R.N.	5	1	0	214	26.5	27.29	173	123
d Cheltenham (Suffolk Square)	Rev. Preb. H. T. Williamson.	5	1	0	227	..	27.10	164	118
d Cheltenham (Swindon)	J. C. M. Stanton, Esq.	8	1	2	136	..	27.29	175	130
d Cheltenham (Cleeve Hill)	C. H. Bastow, Esq.	8	3	0	660	..	29.20	182	127
d Tewkesbury Pumping Station	J. S. Pickering, Esq., C.E.	5	1	0	47	..	24.13	185	118
4.—SEVERN—Upper Avon. 99 sq. mi.									
d Winchcombe (Sudeley Castle)	Major J. H. D. Brocklehurst.	5	1	0	357	..	31.92	150	125
d Broadway (Buckland Manor)	J. Whiteley, Esq.	5	1	0	300	..	29.93	178	138
d Mickleton (Bank House)	M. J. Salter, Esq.	5	1	0	250	..	25.89	183	124
5.—LOWER AVON & G. 198 sq. mi.									
d Bitton (Council School)	P. Cherry, Esq.	5	1	0	80	..	30.99	..	..
d Bath (Monkswood Reservoir)	J. Dent Young, Esq., C.E.	5	2	0	365	..	26.10	177	135
d Bristol (Tyndalls Park Road)	Major E. J. Dunscombe, R.F.A.	5	1	4	150	..	35.72	184	144
d Bristol (Redland)	H. A. Rogers, Esq.	5	1	6	180	..	34.87	186	137
d Clifton (Oakfield Road)	J. A. McPherson, Esq., C.E.	5	1	0	200	..	36.20	191	152
d Clifton College	W. C. Badcock, Esq.	8	1	2	225	33.9	34.75	187	144
d Bristol (St. Andrew's Park)	H. Vicars Webb, Esq.	5	1	6	200	..	36.61	..	146
d Filton	F. W. Gayner, Esq.	5	2	0	200	..	31.24	190	142
d Winterbourne (Kendleshire)	J. Marsh, Esq.	5	1	0	170	..	30.22	165	131
d Frampton Cotterell (Park Ho.)	H. H. Harding, Esq.	5	1	0	158	..	31.18	215	144
d Chipping Sodbury (The Ridge)	Col. P. Burges	5	1	0	380	31.5	34.40	193	151
d Almondsbury (Over Court Park)	J. Cann-Lippincott, Esq.	5	1	0	147	..	32.52	191	148
d Almondsbury (Ridgewood)	R. E. Potter, Esq.	5	0	8	200	..	32.21	166	145
6.—THAMES—Right Bank Tributaries. 15 sq. mi.									

* Formerly known as Cheltenham (High St.).

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

STATIONS.	AUTHORITIES.	Rain-gauge			Aver- age Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall	Days with '01 in. or more.	Days with '04 in. or more.
GLOUCESTERSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.	
7.—THAMES—Windrush & c. 333 sq. mi.								
d Somerford Keynes (Manor Ho.)	F. Fawcett, Esq.	5	0	10	450	..	28·57	..
d Fairford (Dunfield, Kempsford)	A. T. Iles, Esq.	5	1	0	260	25·6	29·42	184 138
d Maiseyhampton (The Nest)	W. L. Stanton, Esq.	5	1	1	345	..	29·08	175 137
d Fairford Vicarage	Rev. Canon R. C. S. Jones.	5	2	9	280	..	28·14	174 138
d Lechlade (St. John's Lock)	Thames Conservancy.	5	3	2	236	..	28·80	178 141
d Lechlade (Claydon House)	T. T. S. Metcalfe, Esq.	5	1	0	250	..	27·59	188 134
d Cirencester (Cripps Mead)	Mrs. Wilfred Cripps	5	0	8	366	..	32·30	192 145
d Cirencester (Argyll House)	Prof. E. Blundell.	5	2	6	325	..	31·65	162 127
d Cirencester (Gwynfa)	Nigel Woods, Esq.	5	1	0	354	30·8	33·06	192 138
d Daglingworth Manor	J. Herbert Scrutton, Esq.	8	1	6	450	..	32·01	176 129
d Cirencester (Barnsley Pk.)	H. W. Wykeham-Musgrave, Esq.	5	0	10	495	..	32·21	193 136
d Rendcomb College	The Head Master	8	1	0	572	..	31·90	168 132
d Aldsworth	T. Rich, Esq.	5	1	6	430	..	30·72	166 128
d Great Barrington	H. J. Barrett, Esq.	5	1	6	417	..	30·23	185 131
d Northleach (Sherborne House)	Mr. A. Mitchell	5	1	0	420	30·7	29·94	154 136
d Northleach (Leygore Manor)	Arthur E. Moss, Esq.	5	1	0	650	..	29·87	195 136
d Bourton-on-Water (Eastfield)	E. W. Kendall, Esq.	5	1	6	434	..	31·53	168 125
d Bourton-on-Water (Chardwar)	G. F. Moore, Esq.	5	1	0	430	..	31·52	157 128
d Bourton-on-Water Rectory	Rev. Canon W. E. White.	5	0	10	433	..	31·01	163 131
d Stow-on-the-Wold (Icomb Place)	Capt. G. H. Simpson	8	1	3	500	..	31·68	181 136
d Winchcombe (Temple Guiting Ho.)	Major C. Stacey	5	1	3	700	..	35·01	198 147
HEREFORDSHIRE. (Area, 840 sq. mi.)								
1.—WYE. 685 sq. mi.								
d Goodrich Court Gardens	T. Spencer, Esq.	5	1	6	200	29·4	31·20	187 130
d Walford (Hill Court)	G. R. Trafford, Esq.	5	1	1	161	..	28·20	178 124
d Ross (County Observatory)	F. J. Parsons, Esq.	5	12	0	223	..	28·68	175 118
d Ross (Council School)	B. G. Abel, Esq., F.R.H.S.	5	0	8	120	..	26·43	171 110
d Ross (Birchlea)	Miss M. L. Southall	5	1	0	210	28·2	29·12	179 123
d Bridstow (Ashe Leigh)	Major W. Stanley R. Cox.	5	1	0	220	..	26·42	151 126
d Kentchurch Rectory	Rev. R. P. Dansey	5	1	0	220	..	34·62	185 134
d Perrystone Court	Major-Gen. G. S. Clive, D.S.O.	5	1	3	450	25·0	26·82	.. ..
d Brockhampton Court	Lt.-Col. A. W. Foster	8	4	0	500	29·9	29·30	.. ..
d Fownhope (Morney Cross)	A. P. Maudslay, Esq., D.Sc.	5	1	0	200	..	26·70	176 123
d Vowchurch (Ladywell House)	A. S. Wood, Esq.	8	1	0	400	..	36·13	158 138
d Hereford (Belmont Abbey)	The Prior	8	1	0	291	27·5	25·64	160 123
d Hereford (Barton House)	Rev. A. G. Jones.	8	1	0	179	..	25·97	189 129
d Hereford (Breinton Court)	H. A. Wadworth, Esq.	5	4	0	238	25·5	25·85	172 123
d Hereford (Barton Road)	W. Cooke, Esq.	8	1	0	190	..	27·71	.. ..
d Hereford (Holmer Hall)	Rev. Preb. M. Hopton	8	1	3	244	..	26·06	191 137
d Tyberton Court	Major C. B. L. Warner	5	0	10	276	..	29·24	161 125
d Credenhill (Stretton Sugwas)	Capt. S. H. Armitage	5	1	0	226	..	26·90	175 126
d Credenhill	F. E. Whiting, Esq.	5	1	5	275	..	28·16	165 139
d Burghill Court	F. Boddington, Esq.	5	1	3	293	..	23·58	170 121
d Ocle Pychard (Ocle Court)	G. Creswell, Esq.	8	1	2	298	..	28·11	195 132
d Sarnesfield Court	Rev. W. Marshall	5	1	0	378	..	28·14	168 133
d Weobley School	A. J. Dean, Esq.	5	1	0	320	..	29·01	213 135
d Dilwyn (Townsend House)	Dr. T. Lambert Hall	5	0	8	290	27·2	27·03	178 127
d Pembroke (Burton Court)	Mrs. Clowes	5	1	6	400	..	28·24	179 145
d Bromyard (Birchyfields)	Lt.-Col. J. E. Knott, C.M.G.	5	1	3	545	..	26·17	.. ..
d Bromyard (Dumbleton Cottage)	T. V. Philpott, Esq.	5	1	0	392	..	28·28	172 128
d Bromyard Vicarage	Mr. A. Burdett	5	..	..	..	..	27·95	.. 121
d Bromyard (Buckenhill)	Mrs. Phipps	8	1	6	410	27·7	27·04	164 122
d Humber Rectory	Rev. B. G. Way	5	1	6	450	..	27·10	166 124
d Kingston (Montfort House)	G. H. Evans, Esq.	5	0	6	616	..	35·25?	180 156
d Kingston (Sunset)	H. Langston, Esq.	5	1	6	495	..	29·44	.. ..
d Leominster (Hennor)	Capt. L. R. Hibbert.	5	1	1	440	..	26·38	179 139
d Kimbolton (Grantsfield)	J. M. Hutchinson, Esq.	5	1	0	424	..	27·55	172 138
d Leysters (Rosedale House)	E. S. Chattock, Esq.	5	0	6	550	..	30·18	192 149
d Eyton (Old Hall)	R. H. Evans, Esq.	5	0	9	310	..	28·81	179 133

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
HEREFORDSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—SEVERN.—Right Bank Tributaries. 155 sq. mi.									
Much Marcle (The Mount)	Miss A. M. Charles	5	0	8	240	26·7	26·62	146	121
d Much Marcle (Hall Court)	Mrs. J. J. S. Powell	5	1	0	200	..	28·38	159	125
d Ledbury (Underdown)	S. H. Bickham, Esq.	5	1	0	307	27·1	28·31	181	129
d Colwall (The Downs)	F. M. Day, Esq.	5	1	0	500	..	28·27	169	123
d Cradley (Mill Bank)	Lt.-Col. E. H. Thurlow	5	1	1	320	..	30·23	..	..
d Brampton Bryon	J. R. H. Halley, Esq.	8	1	2	450	..	30·76	172	148
Leintwardine	E. Charnock, Esq.	5	1	6	450	..	32·88	210	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	27·1	27·50	168	129
d Overton (Sodylt Hall)	W. H. Horsfall, Esq.	5	1	0	266	29·7	29·67	157	134
3.—SEVERN.—Right Bank Tributaries. 722 sq. mi.									
d Ashford House	W. Downes Hall, Esq.	5	0	5	315	32·0	30·10	..	123
Ludlow (Gravel Hill)	C. T. Marston, Esq.	5	1	0	425	..	27·41	..	124
d Ludlow (Knowbury School)	J. Barber, Esq.	5	0	0	908	..	31·81	..	..
d Bromfield (Oakley Park)	Mr. J. R. Francis	5	1	0	300	29·7	30·73	185	149
d Bromfield (Warwick House)	F. Brayshaw, Esq.	5	1	0	320	30·3	29·22	197	147
d Bitterley Rectory	Rev. Preb. J. R. Burton	5	1	6	509	28·1	28·97	177	155
d Stanton Lacy Vicarage	Miss I. Armitage	5	0	8	304	28·1	30·36	194	151
Llanfairwaterdine (The Green)	The Meteorological Office	5	1	9	950	31·8	30·50	..	..
d Culmington Manor	T. W. Shaw, Esq.	5	1	4	580	29·6	28·37	191	146
d Wistanstow	J. W. Clarke, Esq.	8	1	0	480	..	24·01	167	118
d Burwarton Hall	Rt. Hon. Viscount Boyne	5	1	0	894	33·6	33·98	208	148
d Lydbury North (Totterton H.)	Major W. H. B. Whitaker	5	1	3	700	30·8	27·40	184	143
d Bishops Castle (Castle Street)	E. Griffiths, Esq.	5	2	0	720	31·0	29·04	188	149
d Bishops Castle Vicarage	Rev. G. W. Stewart	5	1	6	596	32·8	29·46	194	147
d Church Stretton (Sewage Works)	E. J. Marsh, Esq.	5	1	0	582	33·7	35·19	201	160
d Church Stretton (West Leigh)	H. Constantine, Esq.	5	0	8	700	34·2	32·16	197	156
d Bridgnorth (Cantreyn)	W. Bayliss, Esq.	5	3	0	290	26·7	24·57	169	124
d Bridgnorth (Cantreyn)	W. Bayliss, Esq.	5	0	3	290	28·2	25·85	169	126
d Chirbury (Marrington Hall)	Lt.-Col. S. D. Price-Davies	5	1	0	490	29·5	28·29	156	135
d Church Preen (Preen Cottage)	Mr. J. Hopkins	5	1	0	760	29·1	27·30	171	132
d Church Stretton (Wolstaston)	Rev. Alan Clover	5	1	0	795	31·9	32·61	184	146
d Much Wenlock (Willey Park)	Col. Lord Forester	5	3	0	492	28·2	25·67	174	126
d Dorrington (Netley Hall)	Miss Hope-Edwards	5	1	6	350	31·0	28·32	217	152
d Dorrington School	J. A. Narraway, Esq.	5	1	2	250	..	27·70	201	134
d Shrewsbury (Beckbury House)	G. H. Horsfall, Esq.	5	0	9	220	22·1	24·11	153	125
d Shrewsbury (Radbroke Hall)	Major D. D. Macpherson	5	0	8	235	24·3	24·60	186	132
d Shrewsbury (Longden Road)	W. Deedes, Esq.	5	1	6	250	..	23·84	155	118
4.—SEVERN.—Left Bank Tributaries. 564 sq. mi.									
d Bridgnorth (Coton Hall)	Capt. Colville	5	1	6	460	27·8	27·68	168	130
d Bridgnorth (Quatt)	G. C. Wolryche-Whitmore, Esq.	5	2	0	250	..	24·84	143	115
d Ackleton House	F. J. Neale, Esq.	8	1	3	270	..	23·96	184	..
d Shifnal (Hatton Grange)	Mr. G. Risebrow	5	3	6	262	26·1	23·62	193	140
d Shifnal (National Schools)	T. F. Chard, Esq.	5	1	5	283	28·2	23·92	173	118
Wellington W.W. (Wrekin Res.)	The Surveyor	6	1	3	478	25·7	25·49	146	127
d Wellington (Leegomery House)	A. D. Checksfield, Esq.	5	1	0	258	..	23·27	179	124
d Shrewsbury (Coton Hill)	Dr. M. Gepp	5	0	8	190	22·1	22·26	163	123
d Shrewsbury (Roden)	J. W. Nowell, Esq.	8	1	2	207	25·2	23·16	183	119
d Shrewsbury (Fitz Rectory)	Rev. W. Brewster	5	1	2	238	26·2	25·39	169	140
d Lilleshall (Donnington Wood)	W. Perry, Esq.	5	1	6	300	..	26·08	201	140

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain fall.	1926		
		Diam. Rim above Ground.	Height of Ground above Sea Level.	ft.	in.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
SHROPSHIRE—(con.).									
4.—SEVERN—Left Bank Tributaries—(con.).									
d Newport (Aston Hall)	Col. R. Leeke	5	0	11	280	27·7	25·72	183	138
d Newport (Agricultural College)	C. Crowther, Esq.	5	1	0	220	24·8	22·86	179	127
d Newport (Chetwynd Park)	Mrs. Burton Borough	5	1	0	240	28·3	24·61	191	140
d Grinshill (Sansaw Hall Gardens)	Capt. F. B. Bibby	5	0	10	300	25·7	28·59	183	146
d Myddle (Marton Hall)	Major R. W. Doyne	5	1	3	280	27·4	26·67	..	..
d Cheswardine (Knighton Res.)	Canal Engineer, L.M.&S.R.	8	1	0	351	30·0	26·78	185	141
d Cheswardine Hall	Col. R. C. Donaldson-Hudson	5	1	6	530	28·6	26·00	195	134
d Oswestry (Mount Res.)	G. W. Lacey, Esq., C.E.	5	1	0	698	34·5	34·30	210	138
d Ellesmere	Canal Engineer, L.M.&S.R.	8	1	0	368	28·6	28·94	181	129
d Norton-in-Hales School	Chas. Chadwick, Esq.	5	1	6	350	30·5	31·05	199	150
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	..	24·91	157	122
d Dudley (Shavers End)	F. J. Dixon, Esq., C.E.	5	1	0	745	..	26·33	170	127
d Penn (Church Hill)	Rev. H. N. Fowler	5	1	1	500	..	25·54	187	128
d Wolverhampton (Cophthorne Rd)	Kenneth C. Berrington, Esq.	5	0	9	500	..	26·78	175	132
d Wolverhampton (Town Hall)	H. B. Robinson, Esq., C.E.	5	15	6	482	..	27·51	162	123
d Wolverhampton (West Park)	Dr. R. H. H. Jolly	5	0	10	430	..	25·95	180	129
d Wolverhampton (Merridale Gro.)	H. Hodgkinson, Esq.	5	1	4	..	..	24·62	161	134
d Tettenhall (The Hollies)	R. C. Sikes, Esq., C.E.	5	1	0	355	..	25·04	200	133
d Shifnal (Weston Park)	Earl of Bradford	5	1	6	400	..	23·56	208	140
d Norbury Junction	Canal Engineer, L.M.&S.R.	8	1	0	332	..	26·32	203	152
d Market Drayton (Old Springs)	F. E. Harding, Esq.	5	1	8	422	28·9	25·53	179	128
d Maer Hall Gardens	Miss Harrison, M.B.E.	8	1	6	390	..	32·85	159	146
d Muckleston (Willoughbridge Lo.)	M. D. Hill, Esq.	5	0	9	450	..	27·07	180	121
3.—TRENT—Right Bank Tributaries. 518 sq. mi.									
d West Bromwich	(+A) A.D. Greatorex, Esq., C.E.	8	1	7	543	..	26·56'	168	116
d Wednesbury (Ocker Hill)	H.K.S. Woodhouse, Esq., C.E.	5	1	0	476	..	25·51	173	124
d Walsall (Bescot Sewage Farm)	J. Taylor, Esq., C.E.	8	0	11	376	..	27·26	196	134
d Walsall (Wednesbury Sew. Wks)	G. Wicks, Esq.	5	2	8	381	..	23·47	180	121
d Darlaston (Sewage Works)	S. E. Hammonds, Esq.	8	1	6	393	..	23·47	157	120
d Bilston (The Lunt Outfall)	A. F. B. Sidwick, Esq., C.E.	8	1	0	423	..	25·46	169	120
d Aldridge (Bourne Vale)	F. J. Dixon, Esq., C.E.	5	1	0	419	..	25·11	158	127
d Bloxwich (Sneyd Reservoir)	H.K.S. Woodhouse, Esq., C.E.	5	1	0	507	..	28·18	183	136
d Brownhills	S. Harrison, Esq., C.E.	8	1	2	492	..	29·53	183	141
d Brewwood (Slade Heath P.S.)	F. J. Dixon, Esq., C.E.	5	1	0	340	..	23·17	168	131
d Hammerwich (Cannock Ch. Res.)	H.K.S. Woodhouse, Esq., C.E.	5	1	0	475	..	27·42	183	138
d Brewwood (Belvidere Reservoir)	Canal Engineer, L.M.&S.R.	5	1	0	367	..	23·56	175	126
d Lichfield (St. John Street)	Dr. F. M. Rowland, C.B.E.	5	1	0	269	..	24·90	185	120
d Hednesford (Scout House)	F. J. Dixon, Esq., C.E.	5	1	0	750	..	22·96	175	116
d Rugeley (Longdon)	F. J. Dixon, Esq., C.E.	5	1	0	413	..	24·16	147	126
d Lichfield (Hanch Reservoir)	F. J. Dixon, Esq., C.E.	5	1	0	259	..	24·61	164	121
d Rugeley (Nethermoor)	G. H. Grummitt, Esq.	5	1	0	300	..	29·89	195	148
d Rugeley (Brindley Bank)	F. J. Dixon, Esq., C.E.	5	1	0	254	..	25·58	163	129
d Milford Waterworks	W. Plant, Esq., C.E.	5	1	0	246	..	27·09	169	140
d Shugborough	The Earl of Lichfield	5	1	3	260	..	29·89	152	138
d Stafford (Corporation Depot)	W. Plant, Esq., C.E.	5	1	6	249	..	27·27	178	139
d Stafford (West Bank, Doxey)	Leslie Wilson, Esq.	5	1	0	280	..	26·11	..	..
d Eccleshall (Johnson Hall)	Major W. Moat	5	1	2	400	..	26·52	186	132
d Stone (Meece House)	Mr. W. Lygo	5	1	6	331	..	26·74	173	133
d Stone (Meaford Hall)	Col. W. S. W. Parker Jervis	5	0	6	325	..	28·78	205	143
d Standon (Hatton W.W.)	R. C. Frain, Esq., C.E.	5	1	8	355	..	28·59	182	145

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

STATIONS.	AUTHORITIES.	Rain-gauge				1926		
		Diam.	Height of		Average	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.	Rain-fall.			
STAFFORDSHIRE—(con.).		in.	ft.	in.	ft.	in.		
4.—TRENT—Left Bank Tributaries. 193 sq. mi.								
Burton (Hoar Cross)	F. W. Lycett, Esq.	8	1	0	400	..	31·38	155
▮ Burton Reservoir	F. J. Dixon, Esq., C.E.	5	1	0	309	..	27·02	165
▮ Burton (Borough Hospital)	Dr. J. M. Cowie	8	1	6	220	..	29·98	179
▮ Burton (Shobnall)	Messrs. Bass & Co., Ltd. ...	5	5	6	157	..	26·26	175
▮ Stone (Alleyne's Grammar Sch.)	H. Malcolm Fraser, Esq.	5	1	6	415	..	28·26	182
▮ Stone (Idlerocks)	Mrs. Wedgwood	5	1	6	740	..	33·42	184
▮ Loughton (The Meir)	R. C. Frain, Esq., C.E.	5	1	0	617	30·7	30·01	226
▮ Fenton (Sew. Works)	(A) W. H. Makepeace, Esq.	6	2	0	350	..	29·59	189
5.—TRENT—Dove. 250 sq. mi.								
▮ Uttoxeter (The Gendalls)	W. Ellaway Smith, Esq.	5	1	0	420	..	27·55	165
▮ Tean (The Heath House)	Lt.-Col. B. H. Philips, C.M.G. ...	5	1	0	646	31·8	30·55	186
▮ Rocester (Dove Leys)	Lt.-Col. Sir G. F. Heywood, Bt. ...	5	1	6	350	..	32·22	175
▮ Oakamoor (Lightoaks)	M. A. Bolton, Esq.	5	1	6	650	..	32·55	188
▮ Ashbourne (Mayfield Hse.) (+A)	Graham C. Lawson, Esq.	8	1	0	374	..	31·90	195
▮ Leek (Wall Grange)	R. C. Frain, Esq., C.E.	5	1	0	457	34·7	32·97	180
▮ Leek (Hillesdon)	A. Y. Worthington, Esq.	5	1	0	750	36·4	36·48	198
▮ Leek (Haregate)	Mr. R. Sutton	5	0	9	680	38·3	36·47	231
▮ Leek (Swains Moor)	W. E. Beacham, Esq.	5	1	1	994	..	43·28	..
▮ Leek (Withens, Upper Hulme)	W. E. Beacham, Esq.	5	1	1	1085	..	39·67	..
WORCESTERSHIRE. (Area, 751 sq. mi.)								
1.—SEVERN—Right Bank Tributaries. 231 sq. mi.								
▮ Redmarley (Haselden)	Miss F. L. Newbury	5	0	5	280	..	26·56	171
▮ Upton-on-Severn (Willow Bank)	J. Selwyn Cowley, Esq.	5	1	0	41	..	28·26	188
▮ Upton-on-Severn (The Eades)	Roger D. Tennant, Esq.	5	0	9	100	..	27·99	197
▮ Malvern (British Camp Res.)	W. Osborne Thorp, Esq., C.E.	5	1	0	677	..	27·86	162
▮ Malvern (Church Street)	W. Osborne Thorp, Esq., C.E.	5	1	0	350	28·4	30·82	167
▮ Malvern (Belle Vue House)	A. Mander, Esq.	5	4	0	520	..	30·74	185
▮ Malvern (Free Library)	E. W. Harris, Esq.	5	1	0	377	..	29·73	182
▮ Malvern (Clarence Road)	S. Bottomley, Esq.	5	1	0	300	..	28·89	196
▮ Malvern (Hornvold Road)	Rev. T. Wolesey Lewis	5	1	0	498	..	29·97	184
▮ West Malvern	W. Osborne Thorp, Esq., C.E.	5	1	0	832	..	30·59	155
▮ Knightwick Sanatorium	H. Gordon-Smith, Esq.	5	1	0	300	..	25·76	172
▮ Worcester (Diglis Lock)	J. E. Bradley, Esq.	5	1	0	49	..	25·92	165
▮ Worcester (St. John's School)	E. R. Bowen, Esq.	5	1	0	82	..	26·41	157
▮ Martley Rectory	Rev. J. F. Hastings	5	1	0	220	..	26·31	167
▮ Ombersley (Holt Lock)	J. E. Bradley, Esq.	5	1	1	55	25·3	25·28	167
▮ Stanford Rectory	Rev. J. B. Hewitt	5	1	1	360	..	26·74	164
▮ Stourport (Astley Town)	J. Armytage Batley, Esq.	5	0	6	175	..	25·24	171
▮ Tenbury (Belle Vue)	F. Lowe, Esq.	5	1	0	313	..	24·47	167
▮ Rochford Rectory	Rev. Allan Ellison	5	1	0	315	..	27·01	182
▮ Stockton-on-Teme (Eardiston)	Miss M. Wallace	5	0	5	200	..	25·94	167
▮ Bewdley (Winterdyne)	Miss K. M. Sturt	5	1	0	175	..	25·63	191
2.—SEVERN—Left Bank Tributaries 194 sq. mi.								
▮ Earl's Croome (Levant Lodge)	F. W. Burnett, Esq.	5	2	0	110	..	26·34	174
▮ Kempsey (Napleton Ho.)	Major H. Berkeley Hill	5	1	3	100	..	26·82	159
▮ Worcester (London Road)	Mrs. Power	5	1	0	150	..	28·76	186
▮ Worcester (Waterworks)	T. Caink, Esq., C.E.	5	1	0	52	..	25·05	173
▮ Worcester (Perdiswell)	The Agricultural Organiser	5	1	0	95	..	23·58	141
▮ Worcester (Bevere Lock)	J. E. Bradley, Esq.	5	1	1	52	..	24·82	170
▮ Droitwich (Friar Street Depot)	H. Hulse, Esq., C.E.	12	4	0	98	..	27·01	181
▮ Bromsgrove (Tardebigge Res.)	Late F. A. Jones, Esq., C.E.	5	4	6	455	27·5	29·99	176
▮ Bromsgrove (Burcot P. S.)	R. S. Broadley, Esq.	8	0	9	439	..	33·80 ?	182
▮ Barnt Green (Upwood)	Miss M. Gibbins	5	0	9	650	..	28·17	176
▮ Stourport (Lincombe Lock)	J. E. Bradley, Esq.	5	1	0	62	25·6	24·00	159
▮ Bewdley (C.E. School)	J. Bates, Esq.	8	1	0	80	..	25·38	174

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

STATIONS.	AUTHORITIES.	Rain-gauge				1926		
		Diam.	Height of		Average	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.	Rain-fall.			
WORCESTERSHIRE—(con.).		in.	ft.	in.	ft.	in.		
2.—SEVERN—Left Bank Tributaries—(con.).								
▷ Kidderminster (Brinton Park)	J. T. Cowderoy, Esq.	5	1	0	160	..	25·66	167 123
d Kidderminster (Park Hall)	G. E. Wilson, Esq.	5	1	0	200	..	26·30	.. 124
▷ Bewdley (Elau Aqueduct)	F. W. Macaulay, Esq., C.E.	5	1	0	91	..	26·96	184 134
▷ Halesowen (Romsley)	F. J. Dixon, Esq., C.E.	5	1	0	614	..	30·95	178 137
▷ West Hagley (Glenthorpe)	W. Nock, Esq.	5	1	0	400	..	28·69	193 129
▷ Pedmore (The Dene)	T. Grazebrook, Esq.	5	0	6	340	..	28·75	164 136
▷ Stourbridge (Pumping Station)	G. P. Deeley, Esq.	8	1	0	212	..	28·39	173 125
▷ Netherton (Lodge Farm Res.)	H. K. S. Woodhouse, Esq., C.E.	5	1	0	445	..	25·46	183 126
d Dudley (Borough Cemetery)	F. H. Gibbons, Esq., C.E.	5	1	3	591	..	25·14	.. 118
Dudley (Trindle House)	S. Staffs. Drainage Comm.	8	1	0	575	..	28·92	.. ..
3.—SEVERN—Upper Avon. 260 sq. mi.								
▷ Blockley (Upton Wold)	E. W. Arkell, Esq.	5	1	0	800	30·5	32·33	175 144
▷ Blockley	Miss E. M. Richardson	5	1	0	..	..	32·49	176 142
Bredon (The Croft)	Jasper Lambert, Esq.	5	1	1	120	..	27·25	180 128
▷ Defford (Upper St.)	A. W. Butler, Esq.	5	5	6	105	..	26·15	168 118
▷ Evesham (Bengeworth)	Messrs. Ross Bros., Ltd.	5	1	0	128	..	26·43	175 129
▷ Evesham (Lansdowne)	Miss E. M. Burlingham	5	5	0	108	..	29·32	167 138
▷ Evesham (Sewage Works)	J. Abbott, Esq.	8	3	0	86	..	27·08	191 136
▷ Evesham (High St.)	N. A. Field, Esq. . . . .	..	..	..	..	..	27·68	164 135
▷ Evesham (Green Hill)	H. B. Pollard, Esq.	5	1	0	..	..	25·66	177 118
Evesham (Norton)	Capt. R. H. Burlingham	5	1	3	100	..	26·21	.. ..
d Evesham (Sheriffs Lench)	Dr. G. E. Harthan	5	1	0	350	..	24·84	.. ..
▷ Pershore (Southern House)	Rev. F. R. Lawson	5	4	4	70	..	26·04	177 129
▷ Pinfir (The Nurseries)	G. H. Channell, Esq.	5	1	6	118	..	28·88	159 120
Alcester (Cookhill Co. School)	T. Barber, Esq.	5	1	0	400	..	25·19	173 ..
▷ Redditch (Hewell Gardens)	Mr. F. Molyneux	5	1	0	469	..	31·30	155 148
▷ Alvechurch (Bordesley Hall)	A. H. Wiggins, Esq.	12	4	0	490	..	31·14	157 133
▷ Alvechurch (Fairfield)	D. McMichael, Esq.	5	1	0	400	..	30·88	146 126
▷ Bromsgrove (Lower Bittal Res.)	late F. A. Jones, Esq., C.E.	5	3	0	457	..	29·71	178 129
4.—THAMES—Windrush & c. 10 sq. mi								
▷ Evenlode Rectory	Rev. C. C. Pratt	5	1	2	380	..	33·85	160 ..
▷ Broadway (Seven Wells Farm)	W. G. Compton, Esq. . . . .	..	..	..	1050	..	30·95	147 132
5.—TRENT—Right Bank Tributaries. 56 sq. mi.								
▷ Halesowen (Frankley)	F. W. Macaulay, Esq., C.E.	5	0	10	570	..	30·72	177 134
WARWICKSHIRE. (Area, 902 sq. mi.)								
1.—SEVERN—Upper Avon. 603 sq. mi.								
▷ Long Compton (Weston Park)	H. A. Warriner, Esq.	8	3	0	510	..	28·75	167 131
▷ Stratford-on-Avon (Milcote)	F. W. Jones, Esq., C.E.	5	1	6	122	..	25·04	154 116
▷ Stratford-on-Avon (Avonfield)	G. W. Everard, Esq.	5	0	8	120	..	24·47	172 124
▷ Stratford-on-Avon (Shottery Hall)	R. C. Carter, Esq.	5	0	8	140	23·9	29·30	175 131
▷ Bidford (Moor Hall)	E. H. Cubberley, Esq.	5	1	0	125	..	25·21	172 122
d Temple Grafton Court	T. Lonsdale, Esq.	8	1	0	270	..	27·86	.. 125
d Alcester (Ragley Hall)	Mr. C. Harding	5	1	0	270	25·8	28·30	.. 113
Ashorne (Victoria Cottage)	G. T. Osborn, Esq.	5	1	0	160	..	24·90	.. ..
▷ Stratford-on-Avon (Snitterfield)	F. W. Jones, Esq., C.E.	5	1	6	274	..	23·99	170 116
▷ Southam (Stockton House)	G. B. Blyth, Esq.	6	1	4	394	..	22·23	185 113
▷ Warwick Castle Gardens	Mr. H. F. Smale	5	1	0	197	..	25·20	187 128
Leamington (Radford House)	C. E. G. Hatherell, Esq.	5	1	2	240	..	24·37	157 126
▷ Leamington (Pump Room Gdns.)	H. Gibbins Ward, Esq.	8	1	0	165	..	24·13	163 118
▷ Leamington (Lillington Road)	Rev. J. I. Farr	5	1	3	228	..	27·08 ?	179 139
▷ Henley-in-Arden (Hillfield)	W. E. Milner, Esq.	5	1	0	450	..	27·08	165 126
Tanworth-in-Arden (School Hse)	F. Davies, Esq.	5	3	6	504	..	28·19	.. ..
▷ Lapworth Rectory	London Bell, Esq.	5	1	0	436	..	29·93	163 132
▷ Dunchurch Lodge Gardens	Major H. S. Cayzer	5	1	0	380	..	26·31	157 114

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		Ground		Rain- fall.	Days with 0·1 in. or more.	Days with 0·4 in. or more.
			above Ground.	ft.	above Sea Level.	in.	in.		
WARWICKSHIRE—(con.).									
1.—SEVERN—Upper Avon—(con.).									
Stretton-on-Dunsmore (Manor Ho.)	Mrs. Lister-Kaye	5	1	0	280	..	25·58	143	114
Rugby (Bilton Grange)	J. S. Buckby, Esq.	5	1	0	400	..	23·14	165	112
Rugby (Caldecott)	R. M. Carey, Esq.	5	1	0	390	25·6	24·88	156	117
Ryton-on-Dunsmore (Ryton Ho.)	Charles Browett, Esq.	5	1	2	260	26·0	27·42	143	122
Coventry (Whitley P.S.)	E. H. Ford, Esq., C.E.	8	0	8	..	..	26·44	158	117
Coventry (City Hospital)	E. H. Snell, Esq., M.D.	8	1	0	270	26·0	27·59	192	123
Coventry (Keresley Grange)	Miss H. Rotherham	5	0	10	413	..	30·00	192	138
2.—THAMES—Windrush & c. 2 sq. mi.									
3.—THAMES—Cherwell. 15 sq. mi.									
Farnborough	Miss C. A. Prater	5	1	0	520	29·2	29·54	174	128
4.—TRENT—Right Bank Tributaries. 282 sq. mi.									
Northfield (West Heath House)	J. B. Shewell, Esq.	5	1	0	590	..	27·64	170	123
Solihull (Marsh Cottage)	Ivo L. Currall, Esq.	5	1	0	420	..	26·62	175	118
Northfield (Bartley Res. No. 1)	A. A. Barnes, Esq., C.E.	5	1	0	600	..	31·24	178	134
Northfield (Bartley Res. No. 2)	A. A. Barnes, Esq., C.E.	5	0	10	599	..	30·66	..	..
Selly Oak (Bourneville)	Messrs. Cadbury Bros., Ltd.	5	1	0	432	..	30·01	190	137
Selly Oak (Lodge Hill Cem.)	Mr. W. Garden	5	1	2	540	..	27·65	165	135
Birmingham (Sparkhill)	D. H. Owen, Esq.	5	1	0	425	..	29·97	178	128
Birmingham (Edgbaston)	A. J. Kelley, Esq.	8	1	6	525	26·5	26·85	160	125
Birmingham (Carpenter Road)	L. Ashby Bolton, Esq.	5	1	1	480	..	28·10	193	132
Birmingham (Icknield Port)	H. K. S. Woodhouse, Esq.	5	1	0	495	..	24·40	166	127
Birmingham (Erdington)	F. W. Macaulay, Esq., C.E.	5	1	2	472	..	23·02	166	111
Minworth Greaves	Birmingham Drainage Bd.	8	0	6	259	..	25·24	181	127
Whitacre (Birmingham W.W.)	F. W. Macaulay, Esq., C.E.	5	1	0	269	..	24·96	172	116
Nuneaton (Caldecote Rectory)	Rev. Canon R. Chadwick	5	1	0	280	..	25·96	178	131
Sutton Coldfield (The Park)	Mr. H. Harland	5	1	0	370	..	24·96	173	131

DIVISION VII.—NORTH MIDLAND COUNTIES.

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

1.—SEVERN—Upper Avon. 41 sq. mi.									
Welford (The Reservoir)	T. W. Millner, Esq.	5	1	6	430	..	28·26	188	129
2.—WELLAND. 96 sq. mi.									
Market Harborough (Rose Hill)	G. O. Nicholson, Esq.	5	1	0	350	..	26·78	161	121
Kibworth Beauchamp	E. V. Phillips, Esq.	5	2	6	390	25·7	29·22	152	122
Knossington Rectory	Rev. G. G. Wilkinson	5	0	9	550	..	26·93	184	128
3.—WITHAM. 7 sq. mi.									
4.—TRENT—Right Bank Tributaries. 680 sq. mi.									
Peatling Magna (Peatling Ho.)	Dr. C. Royds Jones	5	1	1	354	..	24·00	155	115
Wistow Hall Gardens	The Lord Cottesloe	5	1	0	309	..	25·87	158	132
Countesthorpe (Wigston Sew Fm.)	W. G. J. Clark, Esq., C.E.	8	0	9	257	..	23·89	192	125
Leicester (Stoughton Drive)	Theodore B. Ellis, Esq.	5	0	6	315	..	24·42	167	123
Leicester (Town Hall Square) (+A)	A. T. Gooseman, Esq., C.E.	5	0	7	212	..	23·23	161	118
Leicester City Mental Hosp.	The Steward	8	1	0	266	..	26·78	186	129
Leicester (Gilroes Cemetery)	A. T. Gooseman, Esq., C.E.	5	1	0	285	..	27·12	170	130
Leicester (The Gynsills)	Miss V. D. Ellis	5	0	8	..	..	28·19	..	..
Market Bosworth (Osbaston Hall)	Lt.-Col. Sir Thos. Cope, Bt.	8	1	0	393	..	26·59	186	139
Thornton Reservoir	G. T. Edwards, Esq., C.E.	8	1	2	370	26·2	29·61	171	143
Cropstone (Bradgate Res.)	G. T. Edwards, Esq., C.E.	8	1	0	245	..	30·02	179	149
Barkby Hall	Victor R. Pochin, Esq.	5	0	6	227	..	27·05	166	127

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
LEICESTERSHIRE—(con.).						in.			
4.—TRENT—Right Bank Tributaries—(con.).									
d Swithland (The Brand)	G. T. Edwards, Esq., C.E..	8	1	0	171	..	29.97	174	141
d Mountsorrel (Christ Ch. Vic.) . .	Rev. S. H. Shakespear . . .	5	1	0	210	..	24.84	182	125
d Barrow-upon-Soar (The Mount) . .	Mrs. C. Stuart Thomson . . .	5	1	6	..	..	24.43	146	128
d Hoby (The Grange)	A. A. Ironside, Esq.	5	1	0	235	..	25.02	179	130
d Asfordby Rectory	Rev. W. R. Finch	5	0	10	212	..	24.87	168	126
d Asfordby (Ironworks)	Stanton Ironworks Co., Ltd.	5	1	1	300	..	25.53	175	126
d Melton Mowbray (White Lodge) . .	H. K. Barker, Esq.	8	1	6	237	..	26.03	194	129
d Charnwood For. (Blackbrook R.) .	A. H. Walker, Esq., C.E. . . .	5	1	0	379	..	28.96	195	138
d Loughborough (Park Road) . . .	W. Llewellyn Mold, Esq. . . .	5	6	0	190	..	26.08	159	121
d Loughborough (Nan Pantan Res.) .	A. H. Walker, Esq., C.E. . . .	5	1	0	269	..	28.89	172	139
d Loughborough (The Widenings) . .	Adrian Young, Esq.	5	0	7	197	..	27.43	190	146
d Loughborough (Sewage Farm) . . .	A. H. Walker, Esq., C.E. . . .	8	1	0	135	..	25.94	163	133
d Burton-on-the-Wolds (Burtn H.) . .	Earl of Huntingdon	5	1	0	270	..	25.88	159	146
d Prestwold Hall	Mr. W. Coe	8	1	0	209	..	26.73	174	135
d Belvoir Castle Gardens	The Duke of Rutland, K.G.	8	1	0	259	25.1	24.24	170	120
RUTLAND. (Area, 152 sq. mi.).									
1.—WELLAND. 125 sq. mi.									
d Uppingham (Ridlington)	N. W. Wortley, Esq.	5	4	7	527	..	24.15	166	118
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	..	20.93	154	108
2.—WELLAND. 341 sq. mi.									
d Crowland (Bank House)	J. Goodacre, Esq.	5	6	0	10	..	28.08	..	..
d Market Deeping (Wilsthorpe) . .	W. H. A. Court, Esq., C.E. . .	8	3	10	51	..	19.75	..	108
d Bourne (Guthram)	F. S. Robins, Esq., C.E. . . .	8	1	6	19	..	22.23 ?	..	101
d Spalding (Pode Hole)	H. Bain, Esq.	8	1	3	12	23.5	23.47	192	130
d Spalding (Surrefleet Co. School) . .	Stanley A. Moore, Esq. . . .	5	1	0	16	..	21.68	213	126
3.—WITHAM & C. 1085 sq. mi.									
d Stainby Rectory	Rev. W. L. de B. Thorold . .	4	0	9	496	25.5	25.19	159	135
d Stroxton Rectory	Rev. S. C. Wood	5	0	10	350	..	25.17	..	..
d Denton Manor	Sir C. G. E. Welby, Bt., C.B. .	5	1	0	310	..	24.87	189	132
d Grantham (Saltersford)	H. Preston, Esq.	5	0	6	188	..	23.94	176	123
d Grantham (Guildhall)	G. A. Ballard, Esq., C.E. . . .	5	13	6	202	..	23.38	151	118
d Heydour Vicarage	Rev. S. S. Herington	5	0	11	263	..	25.29	178	131
d Fishtoft School	O. Davies, Esq.	5	1	3	8	..	19.35	168	105
d Boston (Black Sluice, Skirbeck) . .	F. S. Robins, Esq., C.E. . . .	8	1	3	11	22.8	22.92	175	124
d Boston (Grand Sluice)	J. H. Johnson, Esq., C.E. . . .	8	8	0	18	23.2	22.06	181	121
d Boston (Bargate End)	A. O. Scrivener, Esq.	8	1	4	9	..	21.90	184	120
d Sleaford (Kesteven Mental Hos.) . .	Dr. J. R. Macphail	5	1	0	100	..	22.40	174	124
d Cranwell Aerodrome	(+A) The Meteorological Office .	8	1	0	236	..	20.61	170	113
d Anwick Vicarage	Basil W. Lee, Esq.	5	1	0	37	..	22.45	160	119
d New Leake (Lade Bank Engine) . . .	J. H. Johnson, Esq., C.E. . . .	5	1	0	10	23.2	19.47 ?	..	..
d Carrington Grange	T. J. Ward, Esq.	5	6	0	15	..	20.92	134	116
d Wellingore	Canon H. Powell Smith . . .	5	1	0	246	..	21.46	165	118
d Navenby Rectory	Mr. J. Thompson	5	1	0	218	24.9	23.37	184	123
d Carlton-le-Moorland	J. Brocklebank, Esq.	5	1	2	50	..	23.00	161	129
d East Kirkby (E. Kirkby House) . .	Capt. R. S. Fieldsend	5	1	0	90	..	23.24	178	131
d Revesby Reservoir	T. H. Tyson, Esq.	5	2	0	124	24.5	23.94	150	126
d Spilsby	J. E. Bolt, Esq.	5	1	4	124	..	24.26	179	127
d Woodhall Spa (Galm House)	J. Collins, Esq.	5	1	6	72	..	20.14	200	120

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
LINCOLNSHIRE—(con.).									
3.—WITHAM & C.—(con.).									
d Horncastle	H. R. Maynard, Esq.	5	2	0	120	..	22.52	183	123
d Lincoln (Swallowbeck)	W. R. Pennell, Esq.	8	1	0	34	..	21.59	193	122
Lincoln (Skellingthorpe Hall) ..	Mrs. A. H. Bergue-Coupland	5	1	0	40	23.1	21.97	..	..
d Lincoln (Sessions House)	Arthur Smith, Esq.	5	1	2	58	22.8	19.46	163	119
d Hackthorn Hall	E. W. Cracroft, Esq.	5	4	8	102	..	21.58	169	122
Springthorpe Rectory	Rev. B. Davies	5	1	8	75	..	21.59	152	116
4.—GREAT EAU & C. 443 sq. mi.									
d Skegness (Marine Gardens)	F. A. Jenkins, Esq.	8	1	0	12	23.3	19.83	168	109
d East Keal Rectory	Rev. R. H. Simpson	5	0	6	180	..	20.99	174	117
d Hagworthingham (Glebe House) ..	Mr. R. Wright	5	1	8	240	..	22.25	171	122
d Mablethorpe (Trusthorpe Hall) ..	I. N. Woodiwiss, Esq.	8	1	3	10	..	20.75	154	120
d Louth (Westgate)	Rev. W. E. Yates	5	0	9	120	28.0	23.41	189	121
d S. Elkington (Elkington Hall) ..	Countess of Wilton	5	1	9	234	..	23.96	173	118
d Kirmond	C. Fieldsend, Esq.	5	1	2	309	..	25.54	196	116
Wold Newton Manor	W. Maurice Wright, Esq. ...	5	1	6	230	..	24.36	195	126
d Grainsby Hall	Mr. J. Butters	5	1	0	75	..	25.34	204	131
5.—HUMBER—Right Bank Tributaries. 428 sq. mi.									
d North Willingham House	Mrs. Charles Wright	5	3	0	125	..	27.41	242	144
d Brigg (Wrawby Road)	A. R. Haynes, Esq.	5	1	1	22	..	23.17	172	122
d Brigg (Bridge Street)	A. Atkinson, Esq., C.E. ...	8	1	2	11	25.4	24.70	190	132
d Cleethorpes (Kings Parade)	Urban District Council	5	1	0	23	..	22.37	177	112
d Grimsby (Abbey Road)	W. J. Wood, Esq.	5	3	6	25	..	23.99	179	123
d Grimsby (Westlands)	Major G. L. Bennett	5	1	0	23	..	21.96	156	112
d Brocklesby Park	Mr. F. C. Stainsby	5	2	0	108	..	22.65	142	119
Ulceby (Wootton Lodge)	Mr. H. M. Webb .....	..	..	..	..	..	23.14	..	..
d Normanby (Scunthorpe)	A. G. Wilkes, Esq.	5	1	0	185	..	24.40	178	129
d Horkstow	E. J. Turton, Esq.	5	0	10	75	..	24.13	164	137
Ferriby Sluice	A. Atkinson, Esq., C.E. ...	5	1	0	18	..	..	..	..
6.—TRENT—Right Bank Tributaries. 172 sq. mi.									
d Woolsthorpe	L. and N.E. Rly.	5	1	3	182	..	21.90	152	111
d Swinderby (Ling Moor)	Cecil H. Wray, Esq.	5	1	0	50	..	24.53	158	149
d Torksey	Miss M. Burt	5	1	0	18	..	22.14	159	119
d Gate Burton Hall	The Hon. Mrs. Sandars ...	5	2	0	97	..	21.43	..	..
7.—TRENT—Left Bank Tributaries. 77 sq. mi.									
d Wroot (S. Level Pump Station) ..	Mr. F. S. Trafford	10	4	0	8	..	20.45	146	115
d Crowle (N. Level Pump Station) ..	Mr. H. G. Trafford	5	2	6	10	22.6	23.28	..	118
NOTTINGHAMSHIRE. (Area, 843 sq. mi.).									
1.—WITHAM. 10 sq. mi.									
2.—TRENT—Right Bank Tributaries. 218 sq. mi.									
Loughborough (Costock School) ..	Miss S. E. Beecroft	5	1	0	167	..	25.15	..	..
d Sutton Bonington Agric. Coll. ...	O. D. Kimble, Esq.	5	0	11	158	..	22.99	166	123
d Plumtree (Normanton-on-Wolds) ..	T. A. Hill, Esq.	8	2	0	170	..	23.69	189	129
d Ruddington (Westlands)	J. D. Walker, Esq.	5	1	0	100	..	21.97	180	127
d Nottingham (Wilford Hill Res.) ..	F. W. Davies, Esq., C.E. ...	8	0	10	295	..	22.55	190	128
d Newark	J. H. Clarke, Esq., C.E. ...	5	0	9	43	..	20.42	176	125
3.—TRENT—Derwent. 2 sq. mi.									

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		Ground above Sea Level.		Rain- fall.	Days with ·01 in. or more.	Days with ·04 in. or more.
			Rim above	Ground					
NOTTINGHAMSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
4.—TRENT—Erewash. 42 sq. mi.									
Nottingham (Strelley)	T. L. K. Edge, Esq.	8	1	0	396	26·2	21·66	232	127
Nottingham (Strelley Hall)	T. L. K. Edge, Esq.	5	1	0	377	25·5	21·14	183	125
Bulwell (Watnall Reservoir)	F. W. Davies, Esq., C.E.	8	0	11	471	..	24·55	194	126
Eastwood Waterworks	F. W. Davies, Esq., C.E.	8	1	2	243	..	23·61	180	125
Eastwood (Moorgreen Res.)	L. and N. E. Rly. Co.	5	6	0	301	..	26·62	194	123
Annesley (Selston W.W.)	S. Maylan, Esq.	5	1	0	475	..	22·10	168	121
5.—TRENT—Left Bank Tributaries. 569 sq. mi.									
Beeston (Council Depot)	E. A. Bush, Esq.	5	1	0	121	..	22·37	176	..
Lenton (Lenton Fields)	R. F. T. Granger, Esq.	8	1	0	132	..	21·77	199	124
Nottingham (Trent Lane)	(A.) T. Wallis Gordon, Esq., C.E.	8	1	0	83	22·5	20·96	176	116
Nottingham (The Castle)	T. Wallis Gordon, Esq., C.E.	8	1	0	192	23·6	20·28	171	111
Nottingham (Burford Road)	A. B. Tinn, Esq.	5	1	0	170	..	21·40	188	122
Nottingham (Stoke Bardolph)	T. Wallis Gordon, Esq., C.E.	8	1	0	66	23·3	20·74	166	117
Nottingham (Mapperley Hill)	Dr. G. L. Brunton	8	1	0	400	..	21·16	182	125
Bagthorpe (Isolation Hospital)	P. Boobbyer, Esq., M.D.	8	2	0	190	..	22·45	206	120
Nottingham (Basford W.W.)	F. W. Davies, Esq., C.E.	8	1	0	168	..	20·51	181	114
Burton Joyce Waterworks	F. W. Davies, Esq., C.E.	8	0	9	65	..	22·66	162	130
Bulcote (Corporation Farm)	T. Wallis Gordon, Esq., C.E.	10	1	3	65	..	20·57	166	119
Lowdham (Chilwell Nurseries)	Mr. J. D. Pearson	5	1	5	90	..	19·25	..	..
Bulwell (Bestwood W.W.)	F. W. Davies, Esq., C.E.	8	1	2	315	..	18·12	130	109
Daybrook (Red Hill Reservoir)	F. W. Davies, Esq., C.E.	8	0	11	404	..	21·50	210	123
Daybrook (Ramsdale Hill Res.)	F. W. Davies, Esq., C.E.	8	0	11	494	..	22·54	212	130
Bulwell Hall Park	T. Wallis Gordon, Esq., C.E.	8	1	0	252	..	22·29	166	..
Papplewick (Waterworks)	F. W. Davies, Esq., C.E.	8	0	10	316	..	22·99	187	135
Southwell (The Residence)	Vn. Acn. W. J. Conybeare	5	1	0	100	..	21·37	166	121
Southwell (Elmfield)	Dr. H. Handford	5	1	0	132	24·9	21·53	178	128
Sutton-in-Ashfield (Rushley P.S.)	Messrs. G. & F. W. Hodson	5	1	0	462	..	25·40	165	132
Sutton-in-Ashfield (Sew. Wks.)	F. J. Grierson, Esq.	5	1	0	453	..	25·94	178	134
Mansfield (Rainworth W.W.)	J. Gibson, Esq., C.E.	5	1	0	360	..	24·81	189	140
Mansfield (West Bank)	W. Pickard, Esq.	8	1	0	405	..	26·03	189	134
Mansfield (Debdale Hall)	Francis N. Ellis, Esq.	5	0	8	400	..	25·14	..	123
Clipstone Waterworks	J. Gibson, Esq., C.E.	5	1	0	225	..	22·91	168	123
Ollerton (Boughton W.W.)	F. W. Davies, Esq., C.E.	8	0	7	140	25·7	21·47	167	121
Ollerton (Thoresby Gardens)	Mr. A. J. Simmons	5	1	0	125	..	22·02	152	124
Clumber Gardens	A. E. Elliott, Esq.	5	4	6	164	..	24·66	193	127
Elksey Pumping Station	C. Horobin, Esq., C.E.	5	1	0	120	..	21·10	165	121
Workshop (Carlton Road)	J. Edeson, Esq.	5	1	0	130	..	21·25	185	113
Workshop (Osberton Gardens)	Mr. T. Rigby	5	3	6	70	..	20·53	167	122
Retford (Morton Hall)	W. H. Mason, Esq.	9	1	0	140	..	22·55	161	119
Retford (Sewage Disposal Wks.)	R. E. Wilson, Esq.	5	1	0	74	..	26·46	220	152
Retford (Babworth Hall)	Capt. J. A. C. Whitaker	5	1	3	98	23·7	21·41	154	113
Workshop (Wigthorpe Hill)	R. C. Ramsden, Esq.	5	1	0	100	24·1	20·90	164	120
Workshop (Hodsock Priory)(+A)	Late Lt.-Col. H. Mellish, C.B.	8	1	0	56	23·6	21·24	180	123
Scrooby	Mr. J. Mallender	5	1	0	40	..	21·03	177	115
Bawtry Hall (The Gardens)	Mr. F. E. Hogbin	5	1	0	31	..	21·07	164	122
6.—OUSE—Don. 2 sq. mi.									
DERBYSHIRE. (Area, 1029 sq. mi.).									
1.—MERSEY, UPPER. 93 sq. mi.									
Glossop W.W. (Swineshaw)	W. A. Mitchell, Esq.	12	3	0	733	..	43·98	210	154
2.—MERSEY—Weaver. 2 sq. mi.									
3.—TRENT—Right Bank Tributaries. 68 sq. mi.									
Melbourne Vicarage	Rev. T. Harcombe	10	2	6	180	..	26·98	163	132
Repton (The Croft)	H. C. Hayward, Esq.	5	1	2	170	..	27·35	180	129
Stanton-by-Bridge W.W.	H. Raden, Esq., C.E.	8	1	2	144	..	24·56	171	125

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926			
		Diam.	Height of		ft.		in.	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.						
DERBYSHIRE—(con.).		in.	ft.	in.	ft.	in.	in.			
4.—TRENT—Dove. 156 sq. mi.										
d Ashbourne Waterworks	E. Wright, Esq.	5	1	0	582	..	31·68	194	142	
d Ashbourne (The Mansion)	R. E. Sadler, Esq.	5	1	0	404	..	31·73	197	146	
d Ashbourne Vicarage	Rev. Canon F. L. Shaw	5	1	6	500	..	32·81	190	145	
5.—TRENT—Left Bank Tributaries. 84 sq. mi.										
d Etwall (Blakeley Lodge)	G. Edge Laban, Esq.	5	1	0	190	..	26·02	..	130	
d Etwall (Sewage Farm)	Mr. B. Hydes	5	1	8	201	..	27·40	161	134	
d Mickleover (C. Mental Hospital)	G. V. Bartlett, Esq., M.D.	5	3	0	300	..	24·61	158	127	
d Mickleover (Clyde House)	Mr. J. Campbell	5	6	0	280	26·1	27·30	187	137	
d Littleover (The Knoll)	W. Blews Robotham, Esq.	5	1	0	300	..	25·58	173	128	
d Littleover (Hilltop)	E. McInnes, Esq.	5	2	6	346	..	26·56	194	144	
6.—TRENT—Derwent. 428 sq. mi.										
d Spondon (Derby Sewage Wks.)	C. A. Clews, Esq., C.E.	5	1	3	135	..	23·65	183	125	
d Spondon Hall	Sir H. Fowler, K.B.E., LL.D.	5	4	6	230	..	23·81	163	125	
d Derby (Wild Street)	Messrs. J. Davis & Son, Ltd.	5	1	0	174	..	26·05	..	..
d Derby (L.M. & S. Railway)	J. Sayers, Esq.	5	1	0	156	..	25·55	175	136	
d Derby (Royal Infirmary)	W. Banks, Esq.	5	1	0	190	..	26·21	161	134	
d Derby (The Arboretum)	C. A. Clews, Esq., C.E.	8	1	0	196	..	24·16	159	120	
d Kirk Langley (Langley Hall)	G. W. Peach, Esq.	5	1	5	396	28·9	27·15	185	135	
d Duffield (The Kirkstyles)	Messrs. J. Davis & Son	5	2	0	235	27·5	32·03	205	158	
d Belper (Herbert Strutt Sch.)	Cecil Round, Esq.	5	0	8	222	30·0	27·62	169	134	
d Belper (Fernslope)	F. J. Jackson, Esq.	5	1	6	356	..	27·89	169	131	
d Belper (Quarry Bank)	J. Hunter, Esq., C.E.	5	0	10	280	29·7	27·03	177	132	
d Ambergate Reservoir	No. 61 S. B. Winsor, Esq., C.E.	5	1	0	700	..	23·02	158	137	
d Whatstandwell (Meerbrk. Sough)	Messrs. G. & F. W. Hodson	5	1	0	246	..	31·67	182	143	
d Brackenfield (Lindway Res.)	R. F. Ward, Esq., C.E.	5	1	0	595	..	31·22	176	128	
d Matlock Bath (Lower Tower)	Miss E. Chadwick	5	1	1	500	35·9	32·53	185	140	
d Matlock (Rockside Hydro.)	J. H. Goodwin, Esq.	5	1	0	637	..	31·55	196	138	
d Darley Hall	Mr. T. Freeman	5	1	0	400	34·2	32·78	197	135	
d Darley Dale (Stancliffe Hall) (r)	Maj. T. Bedford Franklin	8	1	0	560	..	35·37	180	147	
d Clay Cross (Press Reservoirs)	Gilbert Frith, Esq., C.E.	8	1	0	810	..	30·07	..	..
d Buxton (Hurdlow Top)	E. H. d'E. Darby, Esq., C.E.	8	2	3	1267	..	43·80	..	..
d Chatsworth Gardens	Mr. J. G. Weston	5	1	0	436	34·7	30·52	193	153	
d Baslow (Over End)	A. E. Payne, Esq.	5	1	0	500	..	31·86	203	143	
d Buxton (Portobello Bar)	F. Langley, Esq., C.E.	8	1	0	1600	59·7	55·07	245	176	
d Buxton (Stanley Moor)	F. Langley, Esq., C.E.	8	1	0	1340	56·1	51·69	244	173	
d Buxton (Burbage Edge)	F. Langley, Esq., C.E.	8	1	0	1400	56·8	51·90	244	178	
d Buxton (Devonshire Hospital)	Miss E. W. Pilkington	8	1	0	1007	48·4	43·19	212	162	
d Bamford (Engineer's Office)	No. 60 S. B. Winsor, Esq., C.E.	8	2	1	510	38·6	36·69	224	154	
d Bamford Filters	No. 70A S. B. Winsor, Esq., C.E.	8	1	0	656	38·5	38·04	221	158	
d Froggatt Edge (Stoke Flat)	I. G. Bown, Esq.	5	1	0	960	..	38·12	..	..
d Hope (Killhill Bridge)	No. 56 D. W. Chadwick, Esq.	5	1	0	555	..	37·57	195	148	
d Derwent Vicarage	No. 67 S. B. Winsor, Esq., C.E.	8	1	0	675	44·6	41·90	..	..
d Derwent (Lockerbrook Plant.)	No. 68 S. B. Winsor, Esq., C.E.	5	1	0	782	48·5	47·09	..	..
d Derwent Dam	No. 26S. B. Winsor, Esq., C.E.	5	1	0	790	42·4	45·68	233	173	
m Woodland Dale (Woodlands, N)	47S. B. Winsor, Esq., C.E.	5	1	0	1063	..	44·97	..	..
m Hayfield (Ashop Head)	No. 43 S. B. Winsor, Esq., C.E.	5	1	0	1650	46·2	49·70	..	..
d Derwent Dale (Shire Owls)	69 S. B. Winsor, Esq., C.E.	5	1	0	825	42·7	42·59	..	..
d Derwent Dale (Birchinlee)	No. 23 S. B. Winsor, Esq., C.E.	8	1	0	870	49·9	50·13	233	171	
d Westend Bridge	No. 66 S. B. Winsor, Esq., C.E.	5	1	0	878	50·0	51·91	..	..
m Lady Clough Moor	No. 41 S. B. Winsor, Esq., C.E.	5	1	0	1720	46·8	49·70	..	..
m Lady Clough Moor	No. 41A S. B. Winsor, Esq., C.E.	5	1	0	1720	..	47·20	..	..
d Coldharbour Moor (Summit)	39 S. B. Winsor, Esq., C.E.	5	1	0	1670	47·5	51·90	..	..
d Derwent Dale (Howden Dam)	17 S. B. Winsor, Esq., C.E.	8	1	0	829	47·9	48·04	234	169	
d Derwent Dale (Ridge Farm)	13A S. B. Winsor, Esq., C.E.	8	1	0	875	42·0	53·15	..	..
m Alport Moor (Glethering Cl.)	40 S. B. Winsor, Esq., C.E.	5	1	0	1640	46·7	48·85	..	..
m Alport Moor (Glethering Cl.)	40A S. B. Winsor, Esq., C.E.	5	1	0	1640	..	52·31	..	..
m Westend Moor (Blacklow Cote)	15 S. B. Winsor, Esq., C.E.	5	1	0	970	51·5	52·41	..	..
d Westend Moor	No. 10 S. B. Winsor, Esq., C.E.	5	1	0	1560	47·1	51·68	..	..

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926		
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
DERBYSHIRE—(con.).								
6.—TRENT—(con.)								
Alport Moor	No. 38 S. B. Winser, Esq., C.E....	5	1	0	1790	47·0	51·80	.. ..
M Alport Moor	No. 38A. S. B. Winser, Esq., C.E....	5	1	0	1790	..	58·10	.. ..
Derwent Dale (Slippery Stones)	62 S. B. Winser, Esq., C.E....	5	1	0	908	49·3	50·83	.. ..
M Ridgeway Moor	No. 9 S. B. Winser, Esq., C.E....	5	1	0	1650	47·5	50·00	.. ..
M Broadhead Clough	No. 63 S. B. Winser, Esq., C.E....	5	1	0	1005	53·3	54·15	.. ..
7.—TRENT—Erewash. 50 sq. mi.								
D Long Eaton (The Hall)	H. Raven, Esq.	8	0	10	105	..	21·33	167 121
D Ilkeston (Hallam Fields)	Messrs. Stanton Ironworks Co. Ltd.	5	1	6	..	..	21·74	.. ..
D Codnor (Cross Hill)	A. F. Pine, Esq.	5	1	0	394	27·5	27·54	169 125
D Codnor Park	H. P. Miles, Esq., C.E....	5	1	0	243	29·3	28·09	213 134
8.—OUSE—Don. 148 sq. mi.								
D Chesterfield (Walton San.)	Dr. A. Niven Robertson ..	5	1	0	450	..	28·62	173 131
D Chesterfield (Linacre Res.)	Chesterfield Water Board .	8	1	0	430	33·4	30·98	184 141
D Chesterfield (Linacre Res.)	Chesterfield Water Board .	5	1	0	475	31·6	30·40	184 143
D Chesterfield (Tapton Grove)	Mr. W. R. Bloxham	5	4	3	400	26·5	26·50	173 127
D Totley Hall	W. A. Milner, Esq.	5	1	0	700	37·3	38·09	205 164

DIVISION VIII.—NORTH-WESTERN COUNTIES.

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

1.—MERSEY, UPPER. 200 sq. mi.								
Langley (Bottoms Res.)	E. Hamson, Esq., C.E.	5	1	0	664	..	41·17	187 153
Macclesfield (Leadbeaters Res.)	E. Hamson, Esq., C.E.	5	1	0	608	..	33·80	193 144
Macclesfield (West Park)	E. Hamson, Esq., C.E.	5	1	0	500	34·1	36·73	193 150
Rainow (The Clough)	Miss Anna Neave	5	1	3	815	..	36·82	243 146
Knutsford (Hazelfield)	H. P. Ashworth, Esq.	5	1	0	213	..	34·89	197 141
Wilmslow (Dean Row)	J. H. Cooke, Esq.	5	1	0	292	..	37·21	208 158
Kettleshulme (Glebe House)	A. Y. Barker, Esq.	5	1	6	850	40·5	40·75	210 155
Poynton (Waterloo)	C. F. Butterworth, Esq.	5	1	0	390	33·5	34·54	207 155
Whaley Bridge (Todds Brook)	Mr. F. Bowden	5	1	0	602	..	41·93	232 171
Disley (Lyme Park)	T. Molyneux, Esq., C.E.	5	1	0	674	..	32·80	180 143
Disley (Lyme Park)	T. Molyneux, Esq., C.E.	5	1	0	720	..	32·15	180 143
Bramhall (Bramhall Lane)	S. O'Dwyer, Esq.	5	3	6	250	33·8	35·59	.. ..
Runcorn (Weston Point)	Col. J. A. Saner, C.E.	8	1	4	17	31·3	33·97	197 144
Thelwall (The Clough)	E. W. Reynolds, Esq.	5	1	0	95	31·7	35·22	199 147
Altrincham (Hale)	F. C. Lamb, Esq., Jnr.	5	1	0	122	..	34·05	188 146
Altrincham (Norman's Place)	Miss G. A. Griffiths	5	8	0	150	33·6	35·39	.. ..
Altrincham (Watling Gate) †	Miss Laura Newton	8	2	6	103	..	34·44	.. ..
Stockport (Torkington)	S. Arrowsmith, Esq.	5	1	0	402	..	36·33	204 145
Cheadle (Adswold)	R. W. Wright, Esq.	5	0	6	186	32·4	33·94	.. ..
Stockport (Town Hall)	H. Richmond, Esq.	5	1	4	232	..	30·97	.. ..
Godley Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	500	33·3	36·13	.. ..
Broadbottom (Harewood Lodge)	Col. W. Sidebottom	5	1	0	440	35·6	39·41	176 158
Dukinfield (Higher Reservoir)	G. H. Raddin, Esq., C.E.	8	1	6	495	30·7	30·88	207 132
Dukinfield (Lower Reservoir)	G. H. Raddin, Esq., C.E.	5	1	0	435	..	34·44	207 140
Arncliffe Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	512	39·6	41·64	.. ..
Rhodes Wood Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	545	44·2	48·01	.. ..
Torside Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	669	45·7	47·08	.. ..
Stalybridge (Market Ground Yd.)	G. H. Raddin, Esq., C.E.	5	1	0	373	..	38·86	190 141
Stalybridge (Brushes Filter Ho.)	G. H. Raddin, Esq., C.E.	5	1	6	616	..	39·89	196 147
Swineshaw Moor (Lees Hill)	G. H. Raddin, Esq., C.E.	5	1	0	1168	..	40·06	.. ..
Woodhead Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	815	47·7	48·02	.. ..
Crowden (Span Gutter)	L. Holme Lewis, Esq., C.E.	5	1	0	1530	..	49·90	.. ..
Woodhead (Pikenaze)	L. Holme Lewis, Esq., C.E.	5	1	0	907	..	40·91	.. ..

† Formerly described as "Barrington House." The gauge has not been moved.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
CHESHIRE—(con.)									
1.—MERSEY, UPPER—(con.).									
Ormes Moor	L. Holme Lewis, Esq., C.E.	5	1	0	1356	..	43·34	..	..
Pikenaze Moor (Round Hill) ..	L. Holme Lewis, Esq., C.E.	5	1	0	1514	..	41·37	..	..
Upper Heyden.....	L. Holme Lewis, Esq., C.E.	5	1	0	1718	..	47·14	..	..
Grains Moss	L. Holme Lewis, Esq., C.E.	5	1	0	1570	..	48·72	..	..
2.—MERSEY—Weaver. 489 sq. mi.									
d Wirswall Hall	J. Alleyne Robinson, Esq.	5	1	0	500	..	26·78	169	132
d Nantwich (Dorfold Hall)	Weaver Navigatn. Trustees	8	1	0	190	29·6	31·27	211	148
d Nantwich (Reaseheath Hall)...	Weaver Navigatn. Trustees	8	1	0	130	30·3	30·90	227	145
d Crewe (Weston Lane)	A. Newlands, Esq.	12	4	0	186	..	30·50	172	128
d Crewe (Isolation Hospital) ..	E. G. Timbrell, Esq., C.E.	5	1	0	172	..	30·78	169	126
d Congleton (Sewage Works) ..	W.H. Duncan Arthur, Esq., C.E.	5	1	0	248	30·5	33·22	193	153
d Congleton (Buglawton Vicarage)	Weaver Navigatn. Trustees	8	5	0	347	30·5	34·87	212	150
d Taporley (Tirley Garth Gdns.)	Mr. J. B. Allan	5	3	6	450	..	33·65	201	147
d Middlewich	Messrs. Brunner, Mond & Co.	5	3	10	138	26·8	29·97	169	133
d Middlewich (Bostock Hall) ..	Capt. W.H. France Hayhurst	5	2	0	157	29·3	31·11	..	..
d Delamere (Linnere)	Office of Woods .....	..	..	..	250	..	33·93	184	136
d Norley (Jewish School)	Miss H. P. Landou	5	0	10	200	..	35·71	209	152
d Northwich (Cuddington)	J. Birtwistle, Esq.	8	3	0	185	..	34·30	183	140
d Northwich (Hunts Lock)	Weaver Navigatn. Trustees	8	1	0	47	30·0	32·70	193	142
d Northwich (Winnington)	Messrs. Brunner, Mond & Co.	5	1	0	64	30·1	32·96	195	145
d Northwich (Barnton)	Giles Owen, Esq.	5	1	0	175	..	35·39	202	147
d Northwich (Lostock Gralam) ..	Messrs. Brunner, Mond & Co.	5	3	6	75	29·3	32·09	200	137
3.—MERSEY, LOWER & C. 142 sq. mi.									
d Ince Hall	Mrs. Park-Yates	5	1	0	95	30·6	33·64	207	152
d Hooton Waterworks	A. J. Robinson, Esq.	5	1	0	97	30·5	31·61	..	142
d Eastham House	Sir J. Herbert Vernon, Bart.	5	1	0	100	32·4	32·53	204	147
d Crosshill Reservoir	R. F. Baker, Esq.	5	1	0	237	..	29·79	195	136
d Prenton W. W.	A. J. Robinson, Esq.	5	1	0	91	29·6	23·63	..	..
d Rock Ferry (High School)	L. Davies-Shiel, Esq.	5	1	0	100	..	29·97	..	..
d Rock Ferry (Elmhurst)	Miss Shepherd	8	6	0	100	33·1	32·14	191	137
d Rock Ferry (Highfield South) ..	R. H. Arundell, Esq.	5	1	0	80	..	31·89	197	141
d Birkenhead (Bidston Obs'y.) ..	(+A) W. E. Plummer, Esq.	8	1	0	189	27·9	28·95	181	135
d Hoylake (District Council Office)	R. W. Fraser, Esq.	5	1	0	29	28·1	29·85	189	149
d Wallasey (Warren Park)	Dr. T. W. N. Barlow	5	1	0	66	..	32·39	186	145
4.—DEE. 127 sq. mi.									
d Eaton Hall Gardens	Mr. N. F. Barnes	5	3	0	72	27·0	27·02	174	121
d Eccleston	E. Wells, Esq.	5	1	1	94	27·5	29·23	183	131
d Rowton (Holly Bank)	J. H. Salmon, Esq.	5	1	5	123	28·7	33·26	166	129
d Chester (Abbot's Park)	J. H. Howell, Esq.	5	1	1	63	..	28·57	177	131
d Chester (Sewage Works)	F. W. Davis, Esq.	5	1	0	34	..	..	..	..
d Chester (Waterworks)	C. Wilfrid Bennett, Esq.	5	0	10	85	..	27·42	186	133
d Chester (Waterworks)	C. Wilfrid Bennett, Esq.	8	6	0	89	27·0	26·38	184	124
d Capenhurst Hall	R. T. Richardson, Esq.	5	5	10	130	..	32·53	184	145
d Neston (Vine House)	H. F. Russell, Esq.	5	1	0	111	27·4	29·26	189	133
d Heswall (Gayton Cottage)	L. N. Brooke, Esq.	5	1	0	29	..	..	..	..
d West Kirby (Caldy Manor)	Mr. E. L. Barker	5	0	11	131	..	28·39	179	127
d West Kirby (Hilbre House) ..	Egerton Macdona, Esq.	5	0	9	25	28·0	28·70	..	..
d West Kirby (Princes Avenue) ..	Miss G. S. Kirby	5	1	0	80	..	28·84	191	136
d West Kirby (St. Andrew's Vic.)	Rev. E. F. Robson	5	1	0	25	..	27·31	168	129
d West Kirby (Deeside Nursery) ..	H. Ward, Esq.	5	1	6	45	..	28·11	190	131
SOUTH LANCASHIRE. (Area, 687 sq. mi.)									
1.—ALT & C. 103 sq. mi.									
d Blundellsands (Myra)	(+A) H. Montgomery, Esq.	5	1	0	36	29·1	32·31	205	143
d Ormskirk (Bickerstaffe P. Stn.)	C. Burton Ede, Esq., C.E.	5	1	2	128	31·4	35·80	..	..
d Ormskirk (Springfield P. Stn.)	C. Burton Ede, Esq., C.E.	5	0	11	70	..	35·81	..	..
d Formby (The Dunes)	J. Harold Coney, Esq.	5	..	..	40	..	31·76	182	142
d Downholland (Barton Moss) ..	J. Baxendell, Esq.	5	1	0	14	..	32·31	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with ·01 in. or more.	Days with ·04 in. or more.	
SOUTH LANCASHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—MERSEY, LOWER. 240 sq. mi.									
d Garston.....	J. A. Brodie, Esq., C.E.....	10	1	10	82	..	38·81	207	157
d Garston (Grassendale Park) ..	Miss E. C. Abraham	5	1	0	35	30·1	33·40	216	152
d Aigburth (Holmfield)	Miss Maxwell	5	1	0	100	32·3	33·54	208	154
d Aigburth (Beech Lawn)	T. H. Edwards, Esq.	8	1	0	120	31·7	30·76	195	146
d Liverpool (Lark Lane)	J. A. Brodie, Esq., C.E. ..	10	10	8	90	..	34·57	203	156
d Liverpool (Smithdown Road) ..	J. A. Brodie, Esq., C.E.....	10	0	9	134	32·8	34·62	194	153
d Liverpool (Rathbone Road) ...	J. A. Brodie, Esq., C.E.....	10	1	0	198	35·0	38·13	195	141
d Liverpool (Newsham Park) ...	J. A. Brodie, Esq., C.E. ..	10	1	1	139	..	38·51	217	154
d Liverpool (Breeze Lane)	J. A. Brodie, Esq., C.E. ..	5	0	9	134	..	37·75	200	154
d Warrington (Howley Yard)....	A. M. Ker, Esq.....	10	0	9	26	34·9	32·68	178	134
d St. Helen's (Eccleston Hill)....	A. W. Bradley, Esq.	12	3	0	265	33·8	32·37	209	140
d St. Helen's (Victoria Park) ...	F. Hauxwell, Esq., M.O.H.	8	1	5	160	..	36·94	205	150
d Earlestown (Newton Cemetery)	T. E. Clough, Esq.	5	1	0	75	32·5	34·23	..	..
d Leigh (Sewage Works)	D. Ledson, Esq.....	5	1	0	67	..	36·85	196	158
d Leigh (Leesrigg)	Maj. T. Hunter, V.D., C.E.	5	1	0	71	..	36·15	193	169
3.—MERSEY—[rwell. 299 sq. mi.									
d Manchester (Hullard Park)	E. Worrall, Esq., C.E.	8	1	1	100	..	38·00	168	150
d Urmston(Sew.Wks.,Davyhulme)	G. F. Walter, Esq.	8	2	2	72	31·4	34·85	186	143
d Patricroft (Eccles Sewage Wks.)	C. J. Girling, Esq.....	5	1	0	28	..	32·45	187	141
d Manchester (Godlee Observ'y) ..	W. C. Jenkins, Esq.	8	1	6	140	33·0	34·05	181	133
d Manchester (Oldham Road) ...	Dr. R. Veitch Clark	5	1	0	191	34·3	36·47	198	143
d Manchester (Whitworth Park) ..	Manchester University ...	8	1	5	125	31·7	33·76	185	133
d Ashton-und.-Lyne (Knott H. Res.)	G. H. Raddin, Esq., C.E....	6	1	0	605	37·1	40·18	205	153
d Swinton (Victoria Park)	The Medical Officer of Health	8	1	0	253	..	36·69	187	145
d Prestwich Sewage Works	M. A. Piercy, Esq., C.E. ..	8	1	0	136	..	40·80	212	166
d Prestwich Reservoir	L. Holme Lewis, Esq., C.E.	12	2	0	357	34·9	36·49	..	..
d Prestwich (Heaton Park)	Manchester Corporation ..	8	1	0	312	..	41·57	208	159
d Prestwich (Heaton Park Res.) ..	L. Holme Lewis, Esq., C.E.	5	1	0	355	..	41·95	..	..
d Oldham Gas Works	Ernest Parry, Esq., C.E. ...	5	3	8	600	37·9	47·18	226	157
d Oldham (Brushes Clough) No. 3	C. J. Batley, Esq., C.E. ...	5	1	0	921	..	50·66	228	175
d Bolton (Queen's Park)	(+A) T. Midgley, Esq.	5	1	0	342	43·7	46·98	213	160
d Bolton (Heaton Reservoir)	J. K. Swales, Esq., C.E. ...	5	1	0	500	43·4	47·63	218	175
d Bolton (Bloomfield, Heaton) ..	Mrs. F. Taylor, J.P.	5	1	0	530	..	40·15	234	163
d Bolton (Smithills Hall)	Nigel V. Ainsworth, Esq....	8	1	2	510	46·1	46·82	194	163
d Bolton (Smithills Moor)	Nigel V. Ainsworth, Esq....	8	1	2	1375	..	43·85	..	..
d Bolton (Egerton House) Old g.	E. H. Ashworth, Esq.	5	1	0	633	..	52·35	..	..
d Bolton (Egerton House) New g.	E. H. Ashworth, Esq.	5	1	0	633	..	54·94	..	..
d Bury (Parsons Lane)	R. B. Rigby, Esq.....	8	9	6	316	..	45·60	214	169
d Bury (Bridge Hall)	Miss Wrigley†	8	1	0	..	..	44·50	196	164
d Bradshaw (Sewage Works)	Turton U.D.C.	5	1	9	329	..	44·26	174	159
d New Hey (Sewage Works)	Mr. J. B. Ogden	5	1	0	514	41·4	43·32	200	158
d Milnrow (Butterworth Hall) ...	C. J. Batley, Esq., C.E. ...	5	1	0	512	43·6	47·26	225	171
d Milnrow (Piethorne, Kitchliffe)	C. J. Batley, Esq., C.E. ...	5	1	0	766	..	50·32	229	179
d Milnrow (Piethorne, Coldgreave)	C. J. Batley, Esq., C.E. ...	5	1	0	832	40·9	49·56	230	176
d Rochdale (Roch Mills Sew.Wks.)	S. H. Morgan, Esq.	8	1	1	363	..	50·40	224	172
d Rochdale (Broadfield Pk. Obsy.)	Dr. A. G. Anderson	8	0	6	472	43·9	47·07	224	166
d Rochdale (Fieldhead Yard) ...	S. H. Morgan, Esq.	8	12	0	484	..	41·59	184	153
d Rochdale (Ashworth Moor Res.)	J. S. Diggie, Esq., C.E. ...	5	1	2	956	..	44·86	205	169
d Bury (Gin Hall)	No. 1 J. Woodhead Smith, Esq. C.E.	8	1	0	475	43·7	46·31	210	171
d Bury (Gin Hall)	No. 2 J. Woodhead Smith, Esq. C.E.	8	1	0	475	41·8	47·71	210	171
d Bolton W.W. (Springs Reservoir)	J. K. Swales, Esq., C.E. ...	5	1	0	800	56·7	56·37	217	177
d Bolton W. W. (Eagley)	J. K. Swales, Esq., C.E. ...	5	1	0	605	..	52·51	..	..
d Bolton W.W. (Hordern)	J. K. Swales, Esq., C.E. ...	5	1	0	1160	57·0	57·70	..	..
d Bolton W. W. (Delph)	J. K. Swales, Esq., C.E. ...	5	1	0	710	..	55·08	220	176
d Bolton W.W. (Longworth)	J. K. Swales, Esq., C.E. ...	5	1	0	770	55·1	55·87	..	..
d Bolton, W. W. (Wayoh) No. 2	J. K. Swales, Esq., C.E. ...	5	1	0	612	..	56·06	248	175
d Bolton, W. W. (Holden's Farm)	J. K. Swales, Esq., C.E. ...	5	1	0	955	..	59·04	..	..
d Bolton, W. W. (Isherwood Fold)	J. K. Swales, Esq., C.E. ...	5	1	0	567	..	50·82	..	..
d Bolton W.W. (Top-o'-th'-Brow)	J. K. Swales, Esq., C.E. ...	5	1	0	935	..	59·75	..	..

† Per Miss C. Marshall.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
SOUTH LANCASHIRE—(con.).		in.	ft.	in.	ft.	in.	in.		
3.—MERSEY—Irwell—(con.).									
D Bolton W.W. (Entwistle)	J. K. Swales, Esq., C.E. . .	5	1	0	700	..	58.35	246	191
Bolton W.W. (Bromley Heys)	J. K. Swales, Esq., C.E. . .	5	1	0	925	..	54.75	..	..
Bolton W.W. (Fox Hill)	J. K. Swales, Esq., C.E. . .	5	1	0	885	..	55.09	..	..
Bolton W.W. (Hulton Pasture)	J. K. Swales, Esq., C.E. . .	5	1	0	1130	..	51.01	..	..
Bolton W.W. (Moorside)	J. K. Swales, Esq., C.E. . .	5	1	0	850	..	51.42	..	..
Bolton W.W. (Clough)	J. K. Swales, Esq., C.E. . .	5	1	0	1150	..	59.31	..	..
Bolton W.W. (Cote Farm)	J. K. Swales, Esq., C.E. . .	5	1	0	860	..	58.41	..	..
Bolton W.W. (Green Lowe)	J. K. Swales, Esq., C.E. . .	5	1	0	1125	..	54.75	..	..
Bolton W.W. (Little Edge)	J. K. Swales, Esq., C.E. . .	5	1	0	1100	..	51.22	..	..
Bolton W.W. (Cranberry Moss)	J. K. Swales, Esq., C.E. . .	5	1	0	975	..	57.38	..	..
Bolton W.W. (Slater Lane)	J. K. Swales, Esq., C.E. . .	5	1	0	985	..	55.59	..	..
Bolton W.W. (Brown Lowe)	J. K. Swales, Esq., C.E. . .	5	1	0	1200	..	55.88	..	..
Bolton W.W. (Top of Meadow)	J. K. Swales, Esq., C.E. . .	5	1	0	1010	..	53.71	..	..
Bolton W.W. (Naze End)	J. K. Swales, Esq., C.E. . .	5	1	0	965	..	54.82	..	..
Bolton W.W. (Higher Anshaw)	J. K. Swales, Esq., C.E. . .	5	1	0	1000	..	50.46	..	..
Bolton W.W. (Longshoot)	J. K. Swales, Esq., C.E. . .	5	1	0	930	..	54.43	..	..
Bolton W.W. (Ugnow)	J. K. Swales, Esq., C.E. . .	5	1	0	1150	..	50.51	..	..
D Rochdale (Hamer Pasture Res.)	Rochdale Corporation . . .	5	1	0	760	..	55.49	228	184
D Rochdale (Naden Filters)	J. S. Diggle, Esq., C.E. . .	5	1	8	761	..	49.33	213	174
M Norden (Higher Red Lumb)	J. S. Diggle, Esq., C.E. . .	5	1	3	1125	..	46.48	..	..
W Norden (Far Knowl Farm)	J. S. Diggle, Esq., C.E. . .	5	0	10	..	..	52.56	..	..
W Rochdale (Naden Dean) <i>old g.</i>	J. S. Diggle, Esq., C.E. . .	5	1	4	948	..	42.12	..	..
W Rochdale (Naden Dean) <i>new g.</i>	J. S. Diggle, Esq., C.E. . .	5	1	4	948	..	45.66	..	..
D Littleborough (Hollingwrth Lke)	C. J. Batley, Esq., C.E. . .	8	1	0	610	..	42.54	222	169
D Littleborough (Broadhead)	C. J. Batley, Esq., C.E. . .	8	1	0	1337	..	41.35	..	..
D Littleborough (Blckstne Edge)	C. J. Batley, Esq., C.E. . .	8	1	0	1268	..	48.56	..	..
D Littleborough (Uppr Chlburn)	C. J. Batley, Esq., C.E. . .	8	1	0	725	..	49.19	230	177
D Littleborough (Chelburn)	C. J. Batley, Esq., C.E. . .	8	1	0	700	40.0	42.36	228	167
M Ramsbottom (Killgate Brook)	J. S. Diggle, Esq., C.E. . .	5	1	0	978	..	48.52	..	..
M Ramsbottom (Cheesden Barn)	J. S. Diggle, Esq., C.E. . .	5	1	0	997	..	47.16	..	..
D Edenfield (Scout Moor Res.) No. 1	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1275	..	41.35	234	165
D Edenfield (Scout Moor Res.) No. 2	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1275	..	45.87	234	166
D Waterfoot (Cragg Reservoir)	F. W. Mozley, Esq., C.E. . .	5	1	0	1323	..	52.56	243	178
D Waterfoot (Cowpe Reservoir)	F. W. Mozley, Esq., C.E. . .	5	1	0	1013	..	52.26	243	179
D Rochdale (Spring Mill Whitworth)	Rochdale Corporation . . .	5	1	7	720	53.3	54.19	214	185
D Rochdale (Cowm, Whitworth)	Rochdale Corporation . . .	5	1	7	762	52.8	55.60	211	186
D Helmsshore (Clough House)	A. C. Cullen, Esq.	8	1	6	650	..	54.39	216	177
D Haslingden (Holden Wood) No. 1	J. Woodhead Smith, Esq., C.E. . .	8	1	0	670	54.6	59.51	202	186
D Haslingden (Holden Wood) No. 2	J. Woodhead Smith, Esq., C.E. . .	8	1	0	670	..	59.44	202	181
D Haslingden (Calf Hey)	No. 1 J. Woodhead Smith, Esq., C.E. . .	8	1	0	800	51.9	58.72	202	186
D Haslingden (Calf Hey)	No. 2 J. Woodhead Smith, Esq., C.E. . .	8	1	0	800	..	55.86	202	179
D Bacup (Sheephouse Reservoir)	F. W. Mozley, Esq., C.E. . .	5	1	0	1008	..	39.36	243	165
D Rawtenstall Cemetery	J. Johnson, Esq.	8	1	1	572	..	52.65	..	165
D Rawtenstall (Cloughbottom) No. 1	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1025	47.3	54.75	230	198
D Rawtenstall (Cloughbottom) No. 2	J. Woodhead Smith, Esq., C.E. . .	8	1	0	1025	44.0	51.73	230	186
D Rawtenstall (Hapton Res.) No. 1	J. Woodhead Smith, Esq., C.E. . .	8	1	0	930	..	51.99	228	189
D Rawtenstall (Hapton Res.) No. 2	J. Woodhead Smith, Esq., C.E. . .	8	1	0	930	..	55.26	228	189
4.—MERSEY, UPPER. 45 sq. mi.									
D Didsbury (Linden Road)	L. G. King, Esq.	8	1	6	110	32.0	33.40	195	140
D West Didsbury (Town Hall) (R)	Manchester Corporation . . .	8	4	0	121	..	32.94	174	134
D Stockport (Heaton Mersey)	W. B. Leigh, Esq.	5	1	0	220	30.3	32.08	193	141
D Chorlton-cum-Hardy Sew. Works	G. F. Walter, Esq.	8	4	6	95	31.0	34.09	202	140
D Fallowfield (Wilbraham Rd.)	H. G. Ellinger, Esq.	5	1	3	108	..	34.87	188	132
D Fallowfield (Platt Field Park)	Manchester Corporation . . .	8	3	3	124	..	35.06	190	144
D Denton Reservoir	L. Holme Lewis, Esq., C.E. . .	12	2	0	324	30.5	33.73	..	..
D Gorton Reservoir	L. Holme Lewis, Esq., C.E. . .	12	2	0	263	32.0	33.60	..	..
D Ashton-u-Lyne (Henrietta St Yd)	G. H. Raddin, Esq., C.E. . .	7	1	0	394	..	39.02	204	150
D Lower Swineshaw Reservoir	G. H. Raddin, Esq., C.E. . .	8	1	6	886	44.7	43.20	208	154
D Swineshaw Moor	G. H. Raddin, Esq., C.E. . .	5	1	0	1340	..	49.44	..	..
D Mossley (Manor House Yard)	G. H. Raddin, Esq., C.E. . .	5	1	0	636	..	43.51	198	154

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
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	37·7	40·27	..	..
d Haslingden (Mitchells Ho. Res.)	A. J. Harrison, Esq.	5	1	6	990	..	48·16	..	177
d Darwen (Sunnyhurst Hey Res.)	E. Marsden, Esq., C.E.	8	1	8	915	47·7	51·09	220	184
d Darwen (Earnsdale Reservoir)	E. Marsden, Esq., C.E.	8	1	8	705	47·6	52·15	220	184
d Darwen (Bold Venture Park)	Dr. J. Robertson	8	1	1	724	..	52·94	229	176
d Darwen (Hoddesden)	No. 1 H. M. Webb, Esq., C.E.	8	1	6	680	..	51·15	217	163
d Darwen (Daisy Green)	No. 1 H. M. Webb, Esq., C.E.	8	1	6	969	47·5	45·83	217	170
d Darwen (Pickup Bank)	No. 1 H. M. Webb, Esq., C.E.	8	1	6	720	46·3	45·44	217	166
d Brindle (Whiteholme)	Mrs. Victor H. Gatty	5	1	8	315	..	40·02	185	167
d Blackburn (Guide Reservoir)	H. M. Webb, Esq., C.E.	8	1	6	610	39·6	41·88	212	161
d Blackburn (Witton)	H. M. Webb, Esq., C.E.	8	1	6	315	..	43·87	208	168
Blackburn Fever Hospital	H. M. Webb, Esq., C.E.	6	1	6	570	..	40·56	237	167
d Blackburn (Pumping Station)	H. M. Webb, Esq., C.E.	8	1	6	600	..	45·44	232	174
d Hutton (Lancs. C.C. Hort. Stat.)	J. Gillett, Esq.	5	1	0	82	35·4	35·33	198	153
Lytham (Warton Hal)	W. Gordon Shorrock, Esq.	5	1	0	20	..	33·23	..	..
d St. Anne's-on-Sea (Lawrence Ho.)	C. G. D. Hoare, Esq.	5	1	6	25	33·1	34·76	193	147
d St. Anne's-on-Sea (South Side)	Dr. J. P. Litt.	5	1	0	25	32·8	34·55	192	146
d Accrington (Milnshaw Park)	Mr. J. W. Terry	5	1	6	464	41·1	42·45	192	163
d Preston (Corporation Offices)	J. H. Smethurst, Esq., C.E.	8	18	7	148	35·3	36·74	227	153
d Samlesbury Sewage Works	H. M. Webb, Esq., C.E.	8	1	6	240	40·4	42·40	217	166
w Causeway Side (Burnley W.W.)	S. Rawlinson, Esq.	8	2	0	1116	..	44·28	..	..
w Sheddin (Burnley W. W.)	S. Rawlinson, Esq.	8	2	0	960	43·3	45·48	..	..
d CantClough S. Side (Burnley W.W.)	S. Rawlinson, Esq.	8	2	0	900	43·3	45·03	225	170
d CantClough N. Side (Burnley W.W.)	S. Rawlinson, Esq.	8	2	0	900	41·6	43·47	225	169
w RamsClough Head (Burnley W.W.)	S. Rawlinson, Esq.	8	2	0	1260	42·3	45·10	..	..
d Huncoat (Burnley Road Res.)	A. J. Harrison, Esq.	9	1	6	620	..	50·15	184	162
d Wilpshire (Brooklyn Road)	H. W. Apperley, Esq.	5	1	0	408	..	43·71	228	172
d Great Harwood (Parsonage Res.)	H. M. Webb, Esq., C.E.	8	1	0	631	..	48·78	221	190
d Great Harwood (Dean Clough)	A. J. Harrison, Esq.	12	1	6	540	..	48·34	217	185
d Burnley (Queen's Park)	Dr. T. Holt	8	1	0	458	..	43·27	228	164
d Burnley (Swinden) Upper g.	S. Rawlinson, Esq.	8	12	0	820	..	46·22	247	180
d Burnley (Swinden) Lower g.	S. Rawlinson, Esq.	8	2	0	745	44·3	48·25	247	191
Burnley (Extwistle Moor Top)	S. Rawlinson, Esq.	8	2	0	1310	46·3	49·22	..	..
d Padiham (Altham Sew. Works)	J. W. West, Esq., C.E.	5	1	0	225	..	45·27	225	172
d Padiham (Gawthorpe Hall)	Lord Shuttleworth	8	0	9	316	43·2	44·60	196	171
d Padiham (Huntroyde)	E. G. Howsin, Esq.	5	1	0	423	..	45·61	212	170
Alston Reservoir	J. H. Smethurst, Esq., C.E.	8	1	2	320	41·0	43·09	..	..
d Nelson (Coldwell Res.) N No. 1	J. A. Rodwell, Esq., C.E.	5	1	0	950	..	42·60	226	178
d Nelson (Coldwell Res.) S No. 2	J. A. Rodwell, Esq., C.E.	5	1	0	960	..	50·67	226	185
d Nelson (Victoria Park)	J. A. Rodwell, Esq., C.E.	5	1	0	375	..	47·15	211	178
d Stonyhurst College	(+A) Rev. E. D. O'Connor	8	1	10	377	46·5	48·67	220	175
m Knowle Green (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	400	40·9	45·59	..	..
m Spade Mill (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	400	41·6	43·00	..	..
m Jeffrey Hill (Preston W. W.)	J. H. Smethurst, Esq., C.E.	8	1	2	900	47·2	49·99	..	..
d Sabden (Whins House)	Miss Foster	5	1	6	500	..	45·71	201	178
d Sabden (Churn Clough Res.)	J. West, Esq., C.E.	5	1	0	790	..	50·58	249	187
w Sabden (Craggs Dole)	J. West, Esq., C.E.	8	1	0	1050	..	52·19	..	..
w Newchurch (Cock Dole)	J. West, Esq., C.E.	5	1	0	1090	..	53·92	..	..
d Barley (Ogden Reservoir)	J. A. Rodwell, Esq., C.E.	8	2	0	950	..	51·82	215	189
d Colne (Cemetery Grounds)	(R) T. H. Hartley, Esq.	6	3	0	616	..	40·21	201	164
d Colne (Swinden Sew. Works)	T. H. Hartley, Esq.	5	1	0	423	..	46·95	227	178
Barrowford Reservoir	Leeds & Liverpool Canal Co.	8	1	0	473	..	43·94	..	..
Foulridge (Upper Reservoir)	Leeds & Liverpool Canal Co.	8	1	0	582	..	43·84	..	..
Foulridge (Reedy Moor)	Leeds & Liverpool Canal Co. . . . .	..	..	..	553	..	41·91	..	..
d Clitheroe (Hall Foot)	L. King Wilkinson, Esq.	5	1	5	378	..	47·81	227	178
Clitheroe (Downham Hall)	R. C. Assheton, Esq.	10	1	6	464	41·5	44·87	..	..
d Chatburn (Fir Tree House)	C. W. Wheeler, Esq.	5	1	0	385	..	44·51	215	169
2.—RIBBLE—Douglas. 156 sq. mi.									
d Wigan W.W. (Billinge Higher End)	R. B. Donald, Esq., C.E.	12	3	6	374	..	38·42	191	136
d Orrell (Upholland Gram Sch.)	C. H. Cox, Esq.	5	1	0	300	35·4	40·45	223	155

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		Rain- fall.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.					
CENTRAL LANCASHIRE—(con.)									
2.—RIBBLE—Douglas—(con.).									
d Ormskirk (Lathom)	C. F. Edwards, Esq.	5	1	0	237	..	38·53	212	165
d Wigan W. W. (Worthington)	R. B. Donald, Esq., C.E.	8	1	6	225	36·3	41·54	204	161
d Horwich (Lower Rivington)	Col. J. R. Davidson, C.E.	8	1	0	440	..	43·39	225	166
d Horwich (Lower Knoll)	Col. J. R. Davidson, C.E.	8	1	4	742	42·0	43·89	..	..
d Rivington (Brown Hill)	Col. J. R. Davidson, C.E.	8	1	4	843	40·6	42·05	..	..
d Rivington (Stoneshouse) No. 1	Col. J. R. Davidson, C.E.	8	1	4	623	41·8	43·65	216	167
d Rivington (Stoneshouse) No. 2	Col. J. R. Davidson, C.E.	8	1	4	623	..	39·99	..	..
d Rivington (Hurst Hill)	Col. J. R. Davidson, C.E.	8	1	10	1029	43·1	45·64	..	..
d Rivington (Great Hill)	Col. J. R. Davidson, C.E.	8	1	8	1240	..	46·21	..	..
d Rivington (Coppice Stile)	Col. J. R. Davidson, C.E.	8	1	8	879	39·2	39·90	..	..
d Rivington (Gamekeeper's)	Col. J. R. Davidson, C.E.	8	0	8	850	45·5	47·86	..	..
d Leyland (Worden Hall)	(+A) H. Nowell flarington, Esq.	5	1	0	125	36·3	37·49	203	157
d Bamber Bridge (Cuerden Hall)	R. A. Tatton, Esq.	5	1	0	230	36·7	37·38	208	150
3.—COAST STREAMS. 52 sq. mi.									
d Birkdale (Beachfield)	F. W. Entwistle, Esq.	5	1	0	27	..	34·24	195	149
w Birkdale (Kent Rd.)	J. Baxendell, Esq.	5	1	0	26	32·6	33·85	..	..
d Southport (Hesketh Park) (+A)	J. Baxendell, Esq.	5	1	0	37	32·0	34·70	195	146
d Southport (Hesketh Park)	J. Baxendell, Esq.	8	1	0	37	32·8	34·84	199	148
4.—OUSE—Aire. 2 sq. mi.									
d Watersheddles Reservoir	M. Ratcliffe Barnett, Esq., C.E.	5	1	0	1115	..	52·58	232	185
d Foulridge (Canal Office)	Leeds & Liverpool Canal Co.	8	1	0	497	..	44·48	..	..
NORTH LANCASHIRE. (Area, 609 sq. mi.)									
1.—DUDDON & C. 77 sq. mi.									
d Barrow-in-Furness (Gas Works)	Claude Diamond, Esq.	11	3	6	17	37·6	44·93	216	170
d Barrow-in-Furness (Sewage Wks)	W. C. Persey, Esq., C.E.	5	1	0	20	..	40·69	216	164
d Little Urswick (North View)	J. Dobson, Esq.	5	1	6	130	..	46·85	208	158
d Askani (Senr. Council School)	J. H. Collinson, Esq.	5	1	11	37	..	45·62	175	145
d Ulpha	Claude Diamond, Esq.	11	1	6	251	..	61·20	237	179
d Duddon Valley (Seathwaite Vic)	Rev. F. K. Berry	5	1	0	348	..	84·13	..	..
d Duddon Val. (Seathwaite Tarn)	Claude Diamond, Esq.	11	1	6	1221	..	105·67	..	..
2.—LEVEN & C. 135 sq. mi.									
d Cartmel (Holker Hall)	Lord Richard Cavendish	5	0	9	85	44·5	48·55	213	168
d Ulverston (Pengwerne)	C. J. Chapman, Esq.	5	1	4	138	..	53·59	231	171
d Ulverston (Poaka Beck)	Claude Diamond, Esq.	11	1	6	512	52·1	55·54	231	194
d Newby Bridge (Tarn Potts)	Fred. L. O'Dwyer, Esq.	5	1	0	160	..	56·79	198	173
d Rusland Hall	Mrs. Archibald	5	14	0	45	..	46·60	220	158
d Coniston (School Garden)	W. J. Rich, Esq.	5	1	0	180	..	..	..	..
d Hawkshead (Tower Bank Sawrey)	Miss Alcock-Beck	5	2	0	342	..	69·41	218	184
d Hawkshead (Foundation Sch.)	J. Lowe Handley, Esq.	5	0	6	214	..	76·46	..	..
d Hawkshead (Bettyfold)	H. T. Gnosspelius, Esq.	5	1	0	500	..	88·41	212	181
m Hawkshead (Black Fell)	Miss C. Marshall	5	1	6	1055	..	83·31	..	..
d Ambleside (Skelwith Fold)	Miss C. Marshall	5	1	0	333	..	87·29	243	185
3.—KENT & C. 45 sq. mi.									
d Heysham Harbour	H. P. Miles, Esq., C.E.	5	1	6	25	..	37·86	..	..
d Morecambe	T. B. Lamb, Esq.	8	1	0	25	..	39·79	205	176
d Yealand Conyers (Beechfield)	Mrs. Roper	5	1	0	250	..	41·85	227	163
d Yealand Conyers (Morecambe Lo.)	J. Rawlinson Ford, Esq.	5	1	0	278	..	42·06	194	162
d Grange-over-Sands (Fden Mount)	Miss K. F. Brothers	5	1	6	280	..	48·54	226	162
d Grange-over-Sands (Nutwood)	Miss S. M. Arkwright	5	1	0	140	..	46·89	207	166
d Grange-over-Sands (Holmcroft)	Miss J. M. Rhodes	5	1	3	45	..	47·87	212	167
d Cartmel Fell (The Schoolhouse)	R. J. Cragghill, Esq.	5	5	0	220	..	59·38	225	180

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
NORTH LANCASHIRE—(con.).									
4.—LUNE. 135 sq. mi.									
o Hampson in Ellet	W. G. Welch, Esq.	5	1	0	145	..	41·96	208	158
o Quernmore (Brow Top)	F. Hill, Esq., C.E.	8	1	0	552	..	45·38	203	176
o Bowland Forest (High Salter)	J. T. Sanderson, Esq.	5	1	0	1014	..	60·65 ?	..	..
o Bowland Forest (Whiteray)	J. T. Sanderson, Esq.	5	1	0	1139	..	67·58	..	..
o Bowland Forest (Lower Salter)	J. T. Sanderson, Esq.	5	1	0	572	..	56·82	..	..
o Lancaster (Strathspey)	A. B. S. Welch, Esq.	5	1	0	87	..	41·96	232	164
o Lancaster (Blea Tarn Res.)	F. Hill, Esq., C.E.	8	1	0	330	..	41·86	208	163
o Lancaster (Greg Obsy.)	(+A) Neville Holden, Esq.	8	1	0	312	41·0	44·86	219	166
o Lancaster (Lune Aqueduct)	F. G. T. Adams, Esq.	8	3	0	74	..	42·14	211	169
o Wray (Wray House)	Baldwin Bent, Esq., C.E.	5	1	6	170	..	42·57	203	159
o Caton (Escowbeck)	Mrs. I. H. Storey †	5	1	0	158	..	47·89	199	152
o Wennington (Tatham Rectory)	Rev. A. S. Roberts	5	1	3	150	..	40·83	..	..
5.—WYRE & C. 213 sq. mi.									
o Weeton Reservoir (No. 1)	Fylde Water Board	5	1	0	133	..	40·19	189	153
o Weeton Reservoir (No. 3)	Fylde Water Board	5	1	0	108	..	41·09	190	158
o Blackpool (Met. Observatory)	E. W. Rees Jones, Esq., M.D.	5	1	0	67	33·4	36·88	199	142
o Barton (Newsham House)	W. B. S. Smith, Esq.	5	1	0	100	..	41·74	207	162
o Kirkham (Elswick Lodge)	L. G. King, Esq.	5	1	4	52	37·9	38·94	201	147
o St. Michael's-on-Wyre	Vicarage. Ven. Archdeacon Hornby	5	1	0	26	36·6	38·38	194	149
o Fleetwood	(R) E. Frobisher, Esq.	8	1	8	27	..	29·93 ?	198	138
o Garstang (Barnacre Reservoir)	Fylde Water Board	5	1	0	616	46·4	49·84	215	168
o Garstang (Grizedale Reservoir)	Fylde Water Board	5	1	0	517	43·6	48·48	209	167
o Garstang (Calder Intake)	Fylde Water Board	5	1	0	632	..	50·67	..	..
o Garstang (Grizedale Intake)	Fylde Water Board	5	1	0	644	..	49·67	..	..
o Wyresdale (Abbeystead Res.)	F. Hill, Esq., C.E.	8	1	0	366	..	56·47	226	187
o Abbeystead Gardens	Mr. Geo. Penk	8	1	2	420	..	55·62	221	176
o Quernmore (Old Gauge Basin)	F. Hill, Esq., C.E.	8	1	0	963	..	51·63	..	..
o Wyresdale (Wardstone)	F. Hill, Esq., C.E.	8	1	0	1440	..	64·60	..	..
6.—INSULAR. 4 sq. mi.									

DIVISION IX.—YORKSHIRE.

WEST RIDING. (Area, 2,791 sq. mi.)

1.—LUNE. 178 sq. mi.								
o Austwick (Leigh House)	R. Stockdale, Esq.	5	1	0	500	45·43	214	168
o Austwick (Beck House)	Rev. J. Turner	5	1	1	475	48·08	224	183
o High Bentham (Inglefield)	Geoffrey Holmes, Esq.	5	1	0	412	41·82	213	158
o Ingleton (Ellerbeck)	(R) Mrs. H. E. Hollins	8	1	0	480	48·86	..	..
o Sedbergh (Brigg Flats)	The Misses Wilson	5	1	0	305	57·15	216	181
o Sedbergh	A. Mountain, Esq.	5	1	0	450	57·75	225	185
2.—RIBBLE. 225 sq. mi.								
o Colne (Laneshaw Reservoir)	J. F. Bedford, Esq., C.E.	5	1	0	842	38·58	216	169
o Barnoldswick (Rainhall Road)	Asa Burniston, Esq.	5	1	2	549	37·82	204	169
o Barnoldswick (Greenberfield L.)	Leeds & L'pool. Canal Co.	8	1	0	488	43·83	..	..
o Slaidburn (Thorneyholme)	R. A. Tatton, Esq.	5	2	0	380	61·82	193	181
o Slaidburn (Harden Valley)	J. H. Smethurst, Esq., C.E.	8	1	2	540	69·53	..	..
o Slaidburn (Langden Brook)	J. H. Smethurst, Esq., C.E.	8	1	2	556	75·79	..	..
o Slaidburn (Dunsop Houses)	H. M. Webb, Esq., C.E.	8	1	6	450	68·14	213	183
o Slaidburn (Footholme)	H. M. Webb, Esq., C.E.	8	1	6	565	68·93	212	187
o Slaidburn (Middle Knoll)	H. M. Webb, Esq., C.E.	5	2	6	1298	57·05	..	..
o Slaidburn (Brennand)	H. M. Webb, Esq., C.E.	8	1	6	820	72·76	204	187
o Slaidburn (Croasdale House)	H. M. Webb, Esq., C.E.	8	1	6	600	53·74	193	170
o Slaidburn (Croasdale Valley)	H. M. Webb, Esq., C.E.	8	1	6	720	51·08	193	170

† Per Lancaster Astronomical and Scientific Association.

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Dist.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
WEST RIDING—(con.).						in.			
2.—RIBBLE—(con.).									
D Slaidburn (Whitendale)	H. M. Webb, Esq., C.E. ..	8	1	6	830	..	77·83	204	189
M Slaidburn (Cabin Hill)	H. M. Webb, Esq., C.E. ..	5	3	1	1559	..	72·51	..	..
M Slaidburn (Baxton Fell)	H. M. Webb, Esq., C.E. ..	5	2	6	1540	..	63·95	..	..
M Slaidburn (Saddle Hill)	H. M. Webb, Esq., C.E. ..	5	2	6	1475	..	59·28	..	..
D Settle (Gas Works)	J. W. Shepherd, Esq.	8	1	0	450	..	46·57	208	172
D Settle (Giggleswick School)	A. Russell, Esq.	8	1	0	575	..	42·32	213	163
Horton-in-Ribblesdale	Nathaniel Hunt, Esq.	5	1	0	800	..	54·55	..	..
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	46·5	49·13	..	..
D Greenfield (Chew Mount)	G. H. Raddin, Esq., C.E.	5	1	0	1578	52·2	55·37	233	187
Greenfield (Chew Reservoir)	G. H. Raddin, Esq., C.E.	5	1	0	1648	..	54·51	..	..
D Greenfield (Yeoman Hey)	G. H. Raddin, Esq., C.E.	5	1	0	759	50·4	50·63	214	177
w Greenfield (Birchen Clough)	G. H. Raddin, Esq., C.E.	5	1	0	1018	53·2	52·40	..	..
M Saddleworth Station	L. M. & S. Rly.	5	4	10	630	..	45·98	..	..
D Oldham (Strinesdale) <i>New</i>	C. J. Batley, Esq., C.E.	5	1	0	791	35·9	45·64	217	160
D Standedge (Cas Shaw Broadb'd) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	857	41·5	54·56	245	191
M Standedge (Redbrook Res.)	L. M. & S. Rly.	8	2	0	1150	45·7	48·94	..	..
D Denshaw (Ox Hey) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	1031	42·7	50·28	243	180
D Denshaw (Crawshaw Hey)	C. J. Batley, Esq., C.E.	8	1	0	956	..	50·86	243	183
D Denshaw (New Year's Br.) <i>New</i>	C. J. Batley, Esq., C.E.	8	1	0	986	..	47·26	243	185
5.—TRENT—Derwent. 7 sq. mi.									
Derwent Dale (Abbey Brook) 65S. B. Winser, Esq., C.E. ..	5	1	0	825	44·9	46·44	..	..
Derwent Dale (Howden Cl'gh) 64S. B. Winser, Esq., C.E. ..	5	1	0	1030	43·0	45·98	..	..
Derwent Dale (Howden Ho.) 19S. B. Winser, Esq., C.E. ..	8	1	0	890	42·9	44·18	..	..
Derwent Dale (Sandy Lee) No. 7 S. B. Winser, Esq., C.E. ..	5	1	0	1340	45·7	47·15	..	..
6.—TRENT—Left Bank Tributaries. 143 sq. mi.									
D Lindrick Common (Woodside)	J. F. Eardley, Esq.	5	1	0	250	..	21·74	152	124
D Bawtry (Council Mixed School)	J. Rushworth, Esq.	5	1	0	37	..	21·63	172	128
D Doncaster (Carr House Hosp.)	Dr. D. L. Anderson	5	1	6	42	..	21·62	..	..
7.—OUSE—Don. 564 sq. mi.									
D Sheffield W.W. (Redmires Res.)	S. H. Studley, Esq., C.E.	10	5	0	1110	40·3	40·05	221	165
Sheffield W.W. (Redmires Res.)	S. H. Studley, Esq., C.E.	8	4	0	1110	..	39·45	..	..
D Sheffield W.W. (Rivelin) ..(R)	S. H. Studley, Esq., C.E.	10	4	0	564	35·8	35·91	211	154
Sheffield W.W. (Rivelin)	S. H. Studley, Esq., C.E.	8	4	0	564	35·7	35·12	..	..
D Sheffield W.W. (Crookes) ..(R)	S. H. Studley, Esq., C.E.	10	2	0	629	29·9	29·30	198	138
Sheffield W.W. (Crookes)	S. H. Studley, Esq., C.E.	8	2	0	629	29·9	29·33	..	..
D Sheffield (Weston Park)	E. Howarth, Esq.	8	1	0	428	30·4	29·19	197	141
D Darnall (High Hazels Museum)	E. Howarth, Esq.	8	1	0	285	..	24·89	184	126
Loxley Valley (Broadcar)	S. H. Studley, Esq., C.E.	5	1	0	1004	45·4	47·43	..	..
Loxley V. (Oaks Fm. Damflask)	S. H. Studley, Esq., C.E.	5	1	0	550	..	35·52	..	..
Loxley V. (Loftshaw, Strines)	S. H. Studley, Esq., C.E.	5	1	0	1011	44·3	44·30	..	..
Loxley V. (Dale Dike Res.)	S. H. Studley, Esq., C.E.	8	3	0	715	40·9	41·72	..	..
Loxley V. (Thornseat)	S. H. Studley, Esq., C.E.	5	1	0	1326	..	45·82	..	..
Loxley V. (Rocher Flat)	S. H. Studley, Esq., C.E.	5	1	0	1106	38·3	37·57	..	..
Loxley V. (Emlin Moor)	S. H. Studley, Esq., C.E.	5	1	0	998	..	46·39	..	..
D Rotherham (Ulley Res.) .. (2)	Vincent Turner, Esq., C.E.	5	1	0	184	..	22·18	153	118
D Rotherham (Ulley Res.) .. (1)	Vincent Turner, Esq., C.E.	5	1	0	184	..	20·37	154	115
D Rotherham (Ulley Res.) .. (3)	Vincent Turner, Esq., C.E.	5	1	0	132	..	21·50	154	117
D Wincobank (Sewage Works) (R)	J. Haworth, Esq.	8	2	0	90	..	22·31	157	116
D Rotherham (Sitwell Vale)	Mr. G. Howard	5	1	0	300	..	24·53	181	132
D Rotherham (Moorgate Grange)	Messrs. Guest & Chrimes, Ltd.	5	1	8	275	25·4	23·08	172	121
D Rotherham (Kimberw'rth Sch.)	Vincent Turner, Esq., C.E.	5	1	0	258	..	22·71	250	115

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926		
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
WEST RIDING—(con.).						in.		
7.—OUSE—Don—(con.).								
d Rotherham (Aldwarke.SewWk.)	James H. Kershaw, Esq. .	5	1	4	71	22.43	201	120
d Rotherham (Thrybergh)	F. O. Kirby, Esq., C.E. .	8	1	0	184	24.9	164	117
d Ecclesfield (Sewage Works)	F. Thurlby, Esq. .	8	3	3	179	23.90	163	128
d Conisborough (Firsby Res.)	F. O. Kirby, Esq., C.E. .	8	1	4	189	22.23	160	109
d Wentworth Woodhouse	Mr. A. Third	5	0	10	360	25.80	165	127
d Mexoorough	G.Fenwick Carter, Esq.C.E.	5	1	6	77	20.28	182	117
Wortley (Service Reservoir)	J. R. Fox, Esq., C.E. .	5	1	0	700	29.5	32.15	207
Midhope Moor (Barnside)	J. R. Fox, Esq., C.E. .	5	1	0	1000	39.2	46.16	209
d Little Don Val. (Underbank Rs.)	S. H. Studley, Esq., C.E...	8	1	6	604	35.0	34.02	196
Little Don Val. (Brockholes)	S. H. Studley, Esq., C.E...	5	1	6	934	34.1	34.09	..
Little Don Val. (Sheep House)	S. H. Studley, Esq., C.E...	5	1	6	974	34.3	35.31	..
d Little Don Val. (Bridge Lane)	S. H. Studley, Esq., C.E...	8	1	0	761	37.3	39.94	212
Langsett Moor (Midhope)	J. R. Fox, Esq., C.E. .	5	1	0	830	40.3	38.46	218
d Langsett Moor (Up. Midhope)	S. H. Studley, Esq., C.E...	8	1	6	925	39.0	39.88	212
Langsett Moor (Mickleden)	S. H. Studley, Esq., C.E...	5	1	6	1217	46.8	50.31	..
Langsett Moor (Catclough)	S. H. Studley, Esq., C.E...	8	1	6	1516	46.4	49.62	..
Langsett Moor (Fiddlers Green)	S. H. Studley, Esq., C.E...	8	1	6	1493	48.0	49.96	..
Langsett Moor (Border Hill)	S. H. Studley, Esq., C.E...	5	1	6	1148	46.1	48.79	..
d Langsett Moor (Swinden Lodge)	S. H. Studley, Esq., C.E...	8	1	6	1037	43.3	45.21	196
d Langsett Moor (Flouch Road)	S. H. Studley, Esq., C.E...	8	1	0	960	39.3	40.26	212
d Wath-upon-Dearne (Chapel St.)	Dr. T. Crowley	8	2	2	188	24.8	21.28	178
d Bolton-upon-Dearne	E. Washington, Esq. .	5	1	0	95	..	21.33	159
d Doncaster (Pumping Station)	F. O. Kirby, Esq., C.E. .	5	1	6	30	..	25.41	172
d Doncaster (Avenue Road)	M. H. Stiles, Esq. .	5	4	0	62	..	23.73	175
Penistone (Scout Dike Res.)	J. R. Fox, Esq., C.E. .	5	1	0	730	..	33.54	231
Penistone (Ingbirchworth Res.)	J. R. Fox, Esq., C.E. .	5	1	0	853	38.3	39.93	224
Penistone (Broadstone Res.)	J. R. Fox, Esq., C.E. .	5	1	0	..	..	39.00	202
d Barnsley (Jordan Hill)	J. R. Fox, Esq., C.E. .	5	1	0	460	26.2	26.24	207
d Cawthorne (Cannon Hall)	J.M.Spencer Stanhope, Esq	5	0	11	418	28.8	31.20	175
d Barnsley (Burntwood Hall)	J. Dymond, Esq.	5	1	0	378	..	22.75	..
d Kirk Bramwith	H. A. Brundell, Esq., C.E.	5	1	0	17	..	25.66	170
d Ackworth School	E. Priestman, Esq.	8	1	0	100	25.1	24.00	178
d Goole	Aire & Calder Navigation .	5	2	0	18	22.9	22.42	171
8.—OUSE—Aire—Calder. 361 sq. mi.								
d Holmbridge (Yateholme Res.)	W.H. Duckworth, Esq., C.E.	5	1	0	1009	60.1	59.83	220
d Holmbridge (Yateholme Farm)	W.H. Duckworth, Esq., C.E.	5	1	0	861	57.9	52.14	220
Holmfirth (Holme Styes Res.)	Messrs.Mallinson & Son, C.E.	5	2	0	830	45.9	47.80	..
Holmfirth (Boshaw Whams R.)	Messrs. Mallinson & Son, C.E.	5	1	0	930	49.6	47.40	..
Holmbridge (Bilberry Res.)	Messrs.Mallinson & Son, C.E.	5	1	0	970	55.9	51.80	..
Meltham (Harden Moss)	J. W. Armitage, Esq., C.E.	8	1	0	1212	47.1	47.75	..
Meltham (Harden Moss) <i>new g.</i>	J. W. Armitage, Esq., C.E.	8	1	0	1212	..	48.40	..
Wessenden Head	J. W. Armitage, Esq., C.E.	8	1	0	1200	..	44.81	..
Wessenden (Old Reservoir)	J. W. Armitage, Esq., C.E.	8	1	0	940	..	46.13	..
Wessenden (Butterley Moss)	J. W. Armitage, Esq., C.E.	8	1	0	1110	..	45.91	..
Wessenden (Bobus)	J. W. Armitage, Esq., C.E.	8	1	0	1200	43.4	41.81	..
Meltham (Brow Grains)	J. W. Armitage, Esq., C.E.	8	1	0	900	45.6	44.75	..
Meltham (Royd Edge)	C. L. Brook, Esq.	8	1	0	585	49.0	45.95	..
Meltham (Harewood Lodge)	C. L. Brook, Esq.	8	1	0	513	44.7	42.87	222
Meltham Grange	J. W. Armitage, Esq., C.E.	8	1	0	880	41.2	41.88	..
w Marsden Reservoir*	L. M. & S. Rly.	8	2	4	692	..	48.67	..
Marsden (Deer Hill)	J. W. Armitage, Esq., C.E.	8	1	0	1149	43.3	44.10	..
d Marsden (Deer Hill) <i>new g.</i>	J. W. Armitage, Esq., C.E.	8	1	0	1149	45.5	47.63	..
d Slaithwaite (Blackmoorfoot)	J. W. Armitage, Esq., C.E.	8	1	0	800	44.1	43.04	264
d Slaithwaite (Inglewood)	J. Woodhead, Esq.	5	1	0	546	45.5	44.36	228
d Huddersfield (Bank Field, Golcar)	Miss Sykes	5	0	8	400	40.2	38.38	163
d Huddersfield (Ravensknowle) (+A)	C. Mosley, Esq.	8	0	11	325	..	29.86	203

* Gauge on a steep bank.

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of		in.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground Sea Level.					
WEST RIDING—(con.).		in.	ft.	in.	ft.	in.	in		
8.—OUSE—Aire—Calder—(con.).									
w Huddersfield (Langley Ter.) (No. 1)	S. Morris Bower, Esq. . . .	5	1	0	772	..	34.37	..	..
w Huddersfield (Crosland Rd.) (No. 2)	S. Morris Bower, Esq. . . .	4	1	0	761	..	35.19	..	..
d Huddersfield (Oakes)	S. Morris Bower, Esq.	5	1	0	761	..	35.30	208	156
d Kirkheaton (Kirk Vale)	Miss A. Robson	8	1	0	220	..	28.13	195	145
w Moss Moor (Linsgreave)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	1264	..	53.77	..	..
d Rishworth (G. Walden Edge) old	C. Clemesha Smith, Esq., C.E. . . .	8	1	2	1135	49.2	50.28	220	182
d Rishworth (G. Walden Edge) new	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	1078	49.2	48.83	216	177
w Rishworth (Stott Hall)	C. Clemesha Smith, Esq., C.E. . . .	8	1	0	937	..	46.23	..	..
w Rishworth (Stott Hall)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	935	..	45.10	..	..
d Rishworth (Ringstone Res.) (No. 1)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	980	42.6	41.10	215	159
d Rishworth (Ringstone Res.) (No. 2)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	962	42.6	45.59	215	173
w Rishworth Moor (Greystones) . . .	C. Clemesha Smith, Esq., C.E. . . .	5	1	4	1192	..	53.46	..	..
d Soyland Moor (Rishworth Drain)	C. J. Batley, Esq., C.E.	8	1	0	1290	..	52.87	..	..
w Soyland Moor (Summit) (No. 1)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	1280	..	46.74	..	..
w Soyland Moor (Summit) (No. 2)	C. Clemesha Smith, Esq., C.E. . . .	5	0	11	1218	..	54.40	..	..
d Soyland Moor (Baitings Gate) . . .	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	943	50.1	51.83	245	181
d Soyland Moor (Byron Edge)	C. J. Batley, Esq., C.E.	8	1	0	1251	..	49.18	..	..
w Soyland Moor (Manshead)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	1225	..	52.46	..	..
d Walsden (White Holme)	C. J. Batley, Esq., C.E.	8	1	0	1240	..	49.45	..	..
d Walsden (Calf Lee)	Rochdale Corporation	10	1	6	960	39.6	40.57	221	162
d Walsden (Warland Res.)	Rochdale Corporation	8	1	5	1250	..	43.33	220	168
d Walsden (Warland Drain)	Rochdale Corporation	8	1	5	1250	..	49.89	221	170
d Horbury (Addingford Hos.)	J. H. Horsfall, Esq.	8	2	0	169	..	27.47	177	126
d Horbury (Highfields)	J. H. Green, Esq.	5	1	0	226	..	25.89	..	..
d Mirfield (Cote Wall)	F. P. Mitchell, Esq.	8	1	0	200	..	32.40	181	137
d Wakefield (Northgate)	J. H. Garner, Esq.	8	1	0	174	..	22.54	142	114
d Wakefield (Clarence Park)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	124	25.4	24.51	182	126
d Wakefield (Fieldhead Res.)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	250	..	23.23	163	119
d Sowerby Br. (Haugh End) No. 4	Mrs. J. S. Rawson	5	0	8	450	41.9	41.82	201	133
d Walsden (Ramsden Reservoir)	Rochdale Corporation	8	1	0	933	..	55.29	226	187
d Cragg (Green Withens Res.)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	1205	..	50.47	236	184
d Todmorden (Fielden Hospital)	F. Rogers, Esq.	5	1	0	650	..	39.57	195	166
d Todmorden (Sourhall Hospital)	F. Rogers, Esq.	5	1	0	1020	54.1	54.41	237	185
d Halifax (Public Library)	E. Green, Esq.	8	1	0	625	34.7	36.08	233	159
d Batley (Staincliffe Reservoir) . . .	W. H. Duckworth, Esq., C.E. . . .	5	1	0	492	..	26.17	165	130
d Ardsley Reservoir	No. 1 C. Clemesha Smith, Esq., C.E. . .	5	1	2	395	..	25.12	181	124
d Ardsley Reservoir	No. 2 C. Clemesha Smith, Esq., C.E. . .	5	1	2	326	..	25.68	181	126
d Ardsley (Jaw Hill Filters)	C. Clemesha Smith, Esq., C.E. . . .	5	1	0	315	..	23.80	148	118
d Halifax W.W. (Albert)	E. P. Brook, Esq., C.E.	5	1	0	795	36.4	38.43	229	168
d Halifax W.W. (Gibbet)	E. P. Brook, Esq., C.E.	5	2	6	568	35.9	37.38	208	166
d Halifax W.W. (Ramsden Wood)	E. P. Brook, Esq., C.E.	5	1	0	815	..	43.30	228	177
d Hebden Bridge (Burnside)	Miss M. Hoyle,	5	1	0	825	44.2	45.53	235	182
d Halifax W.W. (Castle Carr Lo.) . .	E. P. Brook, Esq., C.E.	5	1	0	1060	41.3	44.14	251	191
w Halifax W.W. (Midgley Mr.) New	E. P. Brook, Esq., C.E.	8	1	0	1350	47.5	45.71	..	..
w Halifax W.W. (Warley Mr.) New	E. P. Brook, Esq., C.E.	8	1	0	1325	44.9	43.77	..	..
d Halifax W.W. (Ogden)	E. P. Brook, Esq., C.E.	5	1	0	990	43.4	45.36	224	177
w Halifax W.W. (Ovenden Mr.) New	E. P. Brook, Esq., C.E.	8	1	0	1375	45.7	48.07	..	..
w Halifax W.W. (Gorple)	E. P. Brook, Esq., C.E.	8	1	0	1320	..	50.68	..	..
d Halifax W.W. (Widdop)	E. P. Brook, Esq., C.E.	5	1	0	1050	47.1	45.49	229	178
d Hal. W.W. (Walshaw Dean Lo.)	E. P. Brook, Esq., C.E.	5	1	0	1040	48.8	49.96	229	183
w Halifax W.W. (Walshaw Dean)	E. P. Brook, Esq., C.E.	8	1	0	1380	45.9	45.07	..	..
9.—OUSE—Aire. 504 sq. mi.									
d Pontefract (The King's School)	A. Hudson, Esq.	5	1	0	188	..	23.76	165	116
d Pontefract (Roall W.W.)	W. H. Newton, Esq., C.E.	8	1	0	42	..	20.70	166	109
d Garforth (Manor Farm)	Prof. R. S. Seton	8	1	2	194	24.8	25.30	198	126
Bradford (Grange Rd., Horton)	Mr. A. E. Chilton	5	3	0	450	35.0	32.44	218	149
Bradford (Brayshaw Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	982	37.1	38.76	..	..
d Bradford (Lister Park)	H. Lander, Esq.	8	1	0	439	31.4	32.63	213	151

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
WEST RIDING—(con.).		in.	ft.	in.	ft.	in.	in.	
9.—OUSE—Aire—(con.).								
D Bradford (Thornton Moor Filters)	L. Mitchell, Esq., C.E. ...	5	1	0	1190	43·9	38·60	259 178
D Bradford (Stubden Res.) No. 8.	L. Mitchell, Esq., C.E. ...	5	1	0	1071	44·9	47·44	218 174
M Bradford (Nan Scar, Oxenhope)	L. Mitchell, Esq., C.E. ...	5	1	0	1101	46·0	48·65	.. ..
M Bradford (Stairs Top, Oxenhope)	L. Mitchell, Esq., C.E. ...	5	1	0	1350	47·9	54·27	.. ..
D Bradford (Leeming Reservoir)	L. Mitchell, Esq., C.E. ...	5	1	0	850	40·6	43·24	227 175
M Bradford (Doe Park Reservoir)	L. Mitchell, Esq., C.E. ...	5	1	0	760	42·1	41·22	.. ..
M Bradford (Leeshaw Res.)	L. Mitchell, Esq., C.E. ...	5	1	0	875	48·2	52·43	.. ..
D Bradford (Chellow Dean Res.)	L. Mitchell, Esq., C.E. ...	5	1	0	645	35·6	34·17	203 162
D Bradford (Chellow Heights Res.)	L. Mitchell, Esq., C.E. ...	5	1	0	843	36·6	33·13	227 157
Bradford (Hewenden Res.)	L. Mitchell, Esq., C.E. ...	5	1	0	170	38·6	38·54	.. ..
Bradford (Heaton Reservoir)	L. Mitchell, Esq., C.E. ...	5	1	0	531	32·1	31·64	.. ..
Leeds (Wortley Reservoir)	H. Shortreed, Esq., C.E. ...	8	0	9	307	29·3	23·10	161 124
Leeds (Knostrop)	H. Shortreed, Esq., C.E. ...	8	0	9	72	..	22·40	168 122
Leeds (Great George Street)	H. Shortreed, Esq., C.E. ...	5	0	9	180	..	26·01	175 132
d Leeds (Kingfisher)	Greevz Fysher, Esq. ...	5	14	0	247	..	29·41	.. ..
Leeds (Woodhouse Moor)	H. Shortreed, Esq., C.E. ...	8	0	9	307	26·7	27·42	178 131
D Seacroft (Leeds City Hospital)	Dr. A. E. Pearson ...	8	1	0	236	..	34·29	197 138
Leeds (Weetwood Res.)	H. Shortreed, Esq., C.E. ...	8	0	9	328	..	28·88	209 136
d Leeds (Weetwood Garth)	Mrs. F. Gott, J.P. ...	5	0	8	300	..	30·03	.. 142
Leeds (Weetwood)	F. J. Kitson, Esq. ...	5	2	0	250	..	30·15	.. ..
d Leeds (Harrogate Road)	Greevz Fysher, Esq. ...	5	1	0	400	..	29·43	192 140
Leeds (Allerton Hill)	T. Harding Churton, Esq. ...	5	0	7	418	27·5	23·03	.. ..
D Shipley (Glenholme)	M. E. Burton, Esq. ...	5	0	9	370	..	31·80	209 147
D Haworth (Harbour Lodge)	M. R. Barnett, Esq., C.E. ...	8	1	0	1187	52·7	49·32	215 183
D Haworth (Lower Laithes Res.) (+A)	M. R. Barnett, Esq., C.E. ...	6	0	10	772	..	48·78	239 177
D Oakworth (Oldfield Filters)	M. R. Barnett, Esq., C.E. ...	5	1	0	1008	..	46·61	239 183
D Bingley (Sewage Works)	G. C. Smith, Esq. ...	5	1	1	227	..	31·77	211 143
D Rawdon	Rawdon U.D.C. ...	5	1	0	579	..	28·84	192 139
D Bingley (Gilstead Filters)	L. Mitchell, Esq., C.E. ...	5	1	0	572	29·3	32·42	209 160
D Adel (Lawns Wood Cemetery)	L. Hodgson, Esq. ...	5	1	0	475	..	42·52	278 218
D Keighley (The Knowle)	P. Clough, Esq. ...	5	1	0	390	..	42·26	218 174
D Keighley (Victoria Park)	Mr. R. Rutterfield ...	5	1	0	304	..	36·27	207 160
D Bingley (East Morton)	J. Rhodes, Esq. ...	5	2	0	530	..	33·52	215 156
Bingley (Sunnydale Reservoir)	L. Mitchell, Esq., C.E. ...	5	1	0	825	33·8	29·36	.. ..
D Salterforth (Barnoldswick W.W.)	J. W. Thompson, Esq. ...	8	1	4	832	..	49·12	225 180
D Earby (Sewage Works) (+A)	L. H. Poole, Esq. ...	5	1	0	425	..	41·46	215 163
M Silsden (Gill Grange)	L. Mitchell, Esq., C.E. ...	5	1	0	883	31·6	32·61	.. ..
D Silsden Reservoir	L. Mitchell, Esq., C.E. ...	5	1	0	560	31·0	37·29	216 166
M Silsden (Cringles Res. Site)	L. Mitchell, Esq., C.E. ...	5	1	0	715	32·3	37·37	.. ..
D Elslack (Stories Farm)	J. W. Thompson, Esq. ...	5	0	7	675	..	39·38	202 151
Carleton (Beech Hill)	W. Cyril Empson, Esq. ...	8	5	3	425	..	39·91	.. ..
Skipton (Town Hall)	(+A) A. E. W. Aldridge, Esq. ...	6	1	6	367	..	36·90	203 149
Gargrave (Banks Hill Bank Nwtn)	Leeds & Liv'pool Canal Co.	8	1	0	545	..	38·73	.. ..
Gargrave (Ray Bridge Hill)	Leeds & Liv'pool Canal Co.	8	0	10	459	..	39·13	.. ..
D Rylstone Rectory	Rev. C. H. Lowe ...	6	0	7	700	..	45·25	231 172
Winterburn (Long Hill)	Leeds & Liv'pool Canal Co.	8	0	9	705	..	42·20	.. ..
Winterburn (Brown Hill)	Leeds & Liv'pool Canal Co.	8	1	0	961	..	47·07	.. ..
D Malham Tarn	Mr. John Winskill ...	5	1	0	1296	57·5	60·61	197 183
10.—OUSE—Wharfe. 408 sq. mi.								
D Aberford (Lotherton Hall)	Mr. D. Hazlewood ...	5	1	2	208	..	26·33	170 130
d Bolton Percy (Nun Appleton Hall)	Ben Dawson, Esq. ...	5	1	4	25	..	25·73	.. ..
D Appleton Roebuck School	W. Clayton, Esq. ...	5	1	6	23	..	29·82	198 153
Adel (Eccup, East)	H. Shortreed, Esq., C.E. ...	8	0	9	375	..	32·25	217 155
Harewood (Arthington)	H. Shortreed, Esq., C.E. ...	8	0	9	139	..	34·11	202 149

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
WEST RIDING—(con.).		in.	ft.	in.	ft.	in.	in.		
10.—OUSE—Wharfe.—(con.).									
D Harewood House	Countess of Harewood	5	0	10	300	..	34.36	177	146
D Otley (Sewage Works)	C. F. Hodgson, Esq., C.E.	5	1	0	172	..	28.64	176	128
D Ilkley (Silverwell Cottage)	Surveyor, U.D.C.	5	1	0	900	..	44.07	229	174
D Ilkley (Spence's Garden)	Surveyor, U.D.C.	5	1	0	314	..	39.98	211	154
Leathley (Lindley Wood, S.)	H. Shortreed, Esq., C.E.	8	0	9	312	..	35.88	214	162
D Ilkley (March Gill Reservoir)	C. F. Hodgson, Esq., C.E.	5	1	0	655	..	39.28	271	169
D York (Chalfonts)	Arnold S. Rowntree, Esq.	5	0	9	50	..	24.93	..	111
D York (Cherry Hill)	Messrs H. Richardson & Co.	5	1	6	50	24.2	25.16	..	..
D York (Acomb Landing)	W. H. Humphreys, Esq.	5	1	0	40	..	22.78	158	124
M Skipton (Counter Hill)	L. Mitchell, Esq., C.E.	5	1	0	951	31.3	33.70	..	..
M Skipton (Chelker Reservoir)	L. Mitchell, Esq., C.E.	5	1	0	730	32.9	36.32	..	..
Fewston (Timble Ings)	H. Shortreed, Esq., C.E.	8	0	9	912	..	40.27	230	164
Fewston (Swinsty, East)	H. Shortreed, Esq., C.E.	8	0	9	460	..	35.23	200	145
Fewston, North	H. Shortreed, Esq., C.E.	8	0	9	525	..	34.00	225	160
Fewston (Blubberhouses)	H. Shortreed, Esq., C.E.	8	0	9	575	..	34.64	219	163
D Bolton Abbey Estate Office	A. Downs, Esq.	5	1	2	368	..	40.24	220	168
D Barden Reservoir	L. Mitchell, Esq., C.E.	5	1	0	746	42.9	47.50	249	178
M Upper Barden Reservoir	L. Mitchell, Esq., C.E.	5	1	0	1170	40.6	47.21	..	..
Thruscross (Lane Head)	H. Shortreed, Esq., C.E.	8	0	9	950	..	35.35	220	147
M Burnsall (Thorpe Fell)	L. Mitchell, Esq., C.E.	5	1	0	1661	39.4	47.45	..	..
M Burnsall (Sandbed Beck)	L. Mitchell, Esq., C.E.	5	1	0	676	42.2	48.61	..	..
D Burnsall Rectory	Rev. Canon W. J. Stavert	8	4	6	504	..	46.41	235	180
D Grimwith Reservoir	L. Mitchell, Esq., C.E.	5	1	0	893	44.9	47.54	233	190
D Grimwith (Trunla Hill)	L. Mitchell, Esq., C.E.	5	1	0	1201	38.8	53.53	..	..
D Buckden	G. E. Clayton, Esq.	5	3	0	800	..	54.58	203	176
D Oughtershaw Hall	Miss Woodd	5	1	6	1175	..	64.78	220	191
1.—OUSE—Nidd. 254 sq. mi.									
D Wetherby (Stockeld Park)	G. R. Foster, Esq.	5	1	2	200	..	27.06	186	138
Spofforth (Sewage Works)	C. E. Rivers, Esq., C.E.	5	1	0	198	..	28.58	191	137
D Wetherby (Ribston Hall)	Mr. W. Simpson	5	1	2	130	26.5	29.85	..	..
M Harrogate W.W. (Ling Cottage)	A. S. West, Esq., C.E.	5	1	0	740	..	33.90	..	..
M Harrogate W.W. (Broad Dubb)	A. S. West, Esq., C.E.	5	1	0	725	..	35.22	..	..
M Harrogate W.W. (Cobblers Cott.)	A. S. West, Esq., C.E.	5	1	0	730	..	33.17	..	..
Harrogate W.W. (Ten Acres Res.)	A. S. West, Esq., C.E.	8	1	6	620	..	34.29	204	159
D Harrogate W.W. (Scargill Res.)	A. S. West, Esq., C.E.	8	1	0	646	..	34.75	204	160
Harrogate W.W. (Beaver Dyke R.)	A. S. West, Esq., C.E.	8	0	11	575	..	33.23	204	159
M Harrogate W.W. (John o'Gaunts)	A. S. West, Esq., C.E.	5	1	0	600	..	33.14	..	..
M Harrogate W.W. (Knab's Moor)	A. S. West, Esq., C.E.	5	1	0	700	..	33.99	..	..
D Harrogate (Harlow Moor Obsy.)	C. E. Rivers, Esq., C.E.	5	1	0	478	30.6	29.03	200	133
D Harrogate (Harlow Hill Res.)	A. S. West, Esq., C.E.	8	1	0	589	..	29.34	187	142
D Harrogate (Irongate Bridge Res.)	A. S. West, Esq., C.E.	8	1	6	455	..	31.48	188	148
D Knaresborough (Goldsbro Hall Gdns)	R. Wilson, Esq.	5	1	0	112	..	26.51	186	138
D Knaresborough (The Abbey)	Rev. Canon J. T. Hartley	5	1	0	140	..	28.04	178	139
Knaresborough (Water Tower)	A. S. West, Esq., C.E.	8	1	0	240	..	27.17	169	123
Harrogate (Bilton Sewage Works)	C. E. Rivers, Esq., C.E.	5	1	0	208	..	29.85	183	145
D Birstwith Hall	F. A. Aykroyd, Esq.	5	1	0	375	..	41.08	180	168
D Birstwith (Swarcliffe)	Capt. C. S. Greenwood	5	1	0	510	..	33.90	189	155
D Greenhow Hill (Kell House)	Harold Bruff, Esq., C.E.	5	1	0	1300	..	54.88	219	186
Ramskill (Holme Ho. Gouthwaite)	L. Mitchell, Esq., C.E.	5	1	0	464	..	42.11	..	..
D Ramskill (Raygill House)	L. Mitchell, Esq., C.E.	5	1	0	925	48.0	46.97	201	179
D Ramskill	L. Mitchell, Esq., C.E.	5	1	0	450	39.4	45.74	189	174
D Nidderdale (High Riggs)	L. Mitchell, Esq., C.E.	5	1	0	1010	47.8	50.17	160	159
M Nidderdale (East Gill Head)	L. Mitchell, Esq., C.E.	5	1	0	1710	58.6	62.37	..	..
M Nidderdale (Rain Stang)	L. Mitchell, Esq., C.E.	5	1	0	1470	48.6	50.91	..	..
Nidderdale (New Houses)	L. Mitchell, Esq., C.E.	5	1	0	755	45.3	49.10	171	158
Nidderdale (West Houses)	L. Mitchell, Esq., C.E.	5	1	0	1165	53.1	53.91	213	205

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.	
WEST RIDING—(con.)		in.	ft.	in.	ft.	in.			
12.—OUSE—Ure. 110 sq. mi.									
Dallow Moor (Harper Hill)	H. Shortreed, Esq., C.E.	5	0	9	858	..	34.70	178	154
▮ Ripon (Studley Royal Gardens)	Clare Vyner, Esq.	5	1	6	325	..	27.71	171	137
▮ Ripon (The Red House)	F. D. Wise, Esq., C.E.	5	1	0	120	..	27.47	182	135
Kirby Malzeard (Drovers' Inn)	H. Shortreed, Esq., C.E.	8	0	9	576	..	39.38	228	161
Kirby Malzeard (Hawsett)	H. Shortreed, Esq., C.E.	8	0	9	820	..	41.12	221	172
Kirby Malzeard (Hambleton H.)	H. Shortreed, Esq., C.E.	8	0	9	1100	..	40.22	..	..
Kirby Malzeard (Bagwith Brae)	H. Shortreed, Esq., C.E.	5	0	9	703	..	36.64	..	..
Kirby M. (Stone & Ears Wham)	H. Shortreed, Esq., C.E.	8	0	9	1118	..	38.65	..	..
EAST RIDING. (Area, 1176 sq. mi.).									
1.—OUSE—Left Bank Tributaries. 82 sq. mi.									
▮ Osgodby (Fruit Testing Stn.)	J. W. Eves, Esq.	5	1	0	30	..	24.31	175	131
▮ York (Heslington)	Hn. L. de Yarbrough-Bateson	8	0	9	35	..	28.20	201	138
▮ York (Dunnington Hall)	Miss Hildyard	8	1	2	110	..	27.70	217	134
2.—OUSE—Derwent. 248 sq. mi.									
▮ Warter	Mrs. J. Coxon	5	1	10	230	30.3	25.53	167	116
▮ Burythorpe Rectory	Rev. William Robinson	5	1	0	240	..	27.33	220	147
▮ Birdsall Gardens	Mr. J. Anderson	5	1	2	303	..	28.27	178	130
▮ Rillington (Scampston Hall)	W. H. St. Quintin, Esq.	5	1	6	102	..	28.33	204	149
▮ Ganton (Ganton Hall)	Harold Wrigley, Esq.	5	2	0	250	..	26.99	203	142
Hunmanby (Holly Bank)	Miss Ackland	5	1	0	225	29.5	23.03	..	..
3.—HUMBER—Left Bank Tributaries. 675 sq. mi.									
▮ Spurn Head <i>Old g.</i>	The Meteorological Office.	8	1	0	29	19.7	21.11	159	106
▮ Spurn Head <i>New g.</i>	The Meteorological Office.	8	1	0	29	..	24.30	172	114
▮ Patrington (Rose Cottage)	The Meteorological Office.	5	2	6	46	23.3	28.27	178	130
▮ Hull (Pearson Park)	H. B. Witty, Esq.	5	0	10	8	25.4	25.66	207	123
▮ Hull (Springhead)	W. D. Bingham, Esq.	5	1	0	16	..	25.61	192	127
▮ Cottingham (Waterworks)	W. D. Bingham, Esq.	5	1	0	26	..	..	..	..
North Cave (The Croft)	Major W. H. Carver	8	1	6	35	..	..	..	..
▮ Holme-on-Spalding Moor.	C. J. Pybus, Esq.	8	1	0	30	..	26.61	184	135
▮ Beverley (E. Riding Mental Hosp.)	Medical Supt.	5	1	0	175	..	..	..	..
Beverley (New Walk)	W. Evans, Esq., C.E.	5	3	0	38	..	28.25	203	135
Beverley (Hull Bridge)	W. Evans, Esq., C.E.	5	2	6	11	..	25.97	180	130
▮ Market Weighton (Dalton Holme)	Mr. J. P. Jobling	8	6	0	120	..	26.21	201	140
Brandesburton (Hempholm Lk.)	W. Evans, Esq., C.E.	5	2	6	11	25.2	24.45	163	121
▮ Driffield (Council School)	A. Y. Jordan, Esq.	5	0	6	69	..	25.95	213	134
▮ Lowthorpe (The Elms)	F. K. Hawes, Esq.	5	1	0	63	26.5	23.71	184	119
4.—EAST COAST STREAMS. 171 sq. mi.									
▮ Bridlington (Corpn. Nurseries)	S. R. Crofts, Esq.	5	1	0	60	..	24.87	197	136
▮ Bridlington (Grammar School)	G. T. Reeve, Esq.	8	1	0	76	..	23.82	167	129
▮ Wold Newton Hall	Major Ralph E. Stuart	5	1	6	175	..	25.05	..	122
▮ Ganton (Willerby Wold)	Major W. F. Wormald	5	0	9	565	..	24.79	178	127
▮ Filey Vicarage	Rev. Canon A. N. Cooper	8	1	0	96	..	25.01	207	144
NORTH RIDING. (Area, 2155 sq. mi.)									
1.—OUSE—Ure. 273 sq. mi.									
▮ Tanfield Rectory	Mr. H. H. Milman	5	1	0	150	..	30.39	187	136
▮ Masham Moor (Roundhill Res.)	A. S. West, Esq., C.E.	8	1	0	743	..	47.62	261	192
Masham Moor (Somerside)	H. Shortreed, Esq., C.E.	5	0	9	928	..	44.40	220	188
Masham Moor (Leighton Res.)	H. Shortreed, Esq., C.E.	5	0	9	634	..	38.64	216	167
Masham Moor (Towler Hill)	H. Shortreed, Esq., C.E.	8	0	9	820	..	40.10	229	164
Masham Moor (Breary Bank)	H. Shortreed, Esq., C.E.	5	0	9	600	..	41.43	229	165
Masham Moor (Healey Pasture)	H. Shortreed, Esq., C.E.	5	0	9	620	..	40.71	227	159
Masham Moor (Low Houses)	H. Shortreed, Esq., C.E.	5	0	9	693	..	42.26	249	181

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926			
		Diam.	Height of		ft.		in.	in.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.						
NORTH RIDING—(con.).		in.	ft.	in.	ft.	in.	in			
1.—OUSE—Ure—(con.).										
D Clifton Castle Gardens	Lady Cowell	5	1	0	360	..	30.56	169	130	
Middleham (Cotesue)	A. Rowntree, Esq.	5	1	0	600	..	30.04	172	..	
D Middleham (Castle Hill)	Col. P. H. Hammond, C.B.	5	1	0	470	..	32.11	179	137	
D West Witton (Ivy House)	J. B. Espiner, Esq.	5	1	0	605	..	35.95	213	152	
Levburn (Spennithorne)	F. M. Curtis, Esq.	5	1	0	416	..	29.77	..	..
D Levburn (Bolton Hall)	Mr. F. Scrivener	8	1	0	420	32.6	35.55	208	145	
D Askrigg (Worton)	Rev. W. M. Atkinson	5	1	0	700	..	37.45	221	152	
D Hawes (The Stone House)	H. Arden Crallan, Esq.	5	1	6	845	..	51.47	189	173	
2.—OUSE—Swale. 569 sq. mi.										
D Dalton Parsonage	Rev. G. H. Chilman	5	1	0	79	..	25.27	175	122	
D Carlton Hustwaite	W. R. Bagley, Esq.	5	1	0	190	..	25.78	189	131	
D Coxwold (The Old Hall)	H. Geipel, Esq.	4	1	6	260	..	27.44	155	139	
Burniston (Camp Hill)	(R) Capt. F. H. Reynard	8	3	6	152	..	23.26	..	..
D Thirsk (Spital Hill)	Mrs. R. E. Gill	5	1	0	191	..	25.44	208	134	
D Thirsk (Sowerby)	Mrs. M. Brown	5	1	0	110	..	26.35	..	123	
D Thirsk (Brynkehillow)	A. B. Hall, Esq.	8	1	0	115	..	25.23	190	133	
D Thirsk (Stoneybrough)	T. J. Foggitt, Esq.	5	1	2	122	..	25.53	180	130	
M Felixkirk (Thirby)	A. J. Walker, Esq.	5	1	0	339	..	28.65	..	..
D Felixkirk (Mount St. John) (+A)	A. J. Walker, Esq.	5	1	0	523	..	27.24	190	136	
D Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	10	542	26.5	28.39	181	134	
D Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	0	541	..	28.61	184	137	
M Felixkirk (Mount St. John)	A. J. Walker, Esq.	5	1	0	541	..	28.32	..	..
D Boltby (Ravensthorpe Manor)	F. E. Walker, Esq.	5	1	7	661	..	29.38	179	138	
M Boltby, East	A. J. Walker, Esq.	5	1	0	460	..	31.86	..	..
M Boltby (High Paradise)	A. J. Walker, Esq.	5	1	3	1144	..	37.69	..	..
D Maunby Hall	Major A. Hill-Walker, V.C.	5	1	0	90	..	26.37	143	125	
D Bedale (Park House)	Miss M. Greenwood	5	1	1	180	..	29.10	161	133	
d Thornton-le-Moor (The Chalet)	Rev. A. W. Rainey	..	..	..	140 ?	..	24.80	..	..
Scruton Hall	Rev. A. T. Coore	5	1	0	110	..	24.50	162	117	
M Swaledale (Gunnorside Lodge)	W. M. Christy, Esq.	5	1	0	950	..	49.33	..	..
D Northallerton (Brompton)	J. P. Yeoman, Esq.	5	3	0	165	..	26.41	207	140	
d East Harlsey (Harley Hall)	Mrs. Constantine	5	1	0	370	..	24.79	..	122	
D Reeth (Arkengarthdale)	Samuel Gott, Esq.	5	1	0	940	..	42.09	177	158	
w Middleton Tyas	J. F. B. Baker, Esq.	5	0	10	380	..	30.65	..	..
3.—OUSE—Left Bank Tributaries. 153 sq. mi.										
D York (Museum Gardens)	W. Watson, Esq.	8	1	4	56	..	21.75	195	117	
d Stockton-on-Forest (Stockton Hall)	Mrs. Lloyd	5	1	3	30	..	22.56	155	118	
Haxby (Moorlands)	E. G. Tew, Esq.	6	2	0	53	..	25.39	..	..
D Crayke Rectory	Rev. T. Catton	5	1	0	201	..	22.42	177	117	
4.—OUSE—Derwent. 509 sq. mi										
D Welburn	John D. Atkin, Esq.	5	1	0	300	..	24.90	150	124	
D Malton (Broughton Rise)	C. C. Laverack, Esq.	5	1	0	164	..	24.68	187	142	
D Hovingham Hall	Sir W. H. A. Worsley, Bt.	5	0	9	119	..	31.91	196	150	
D Ampleforth College	The Procurator	6	1	0	350	..	26.69	186	130	
d Helmsley (Duncombe Pk. Gdns)	late Mr. D. Williams	5	3	0	176	..	31.70	178	138	
D Pickering (Hungate Hall)	Dr. J. L. Kirk	5	1	0	90	..	27.70	197	153	
D Seamer (Irtton Pump. Station)	H. Richardson, Esq., C.E.	8	1	0	94	..	27.46	222	144	
D Scarborough (Osgodby)	H. Richardson, Esq., C.E.	8	1	0	166	26.1	26.39	175	165	
D East Ayton (Derwent House)	A. H. Robinson, Esq.	5	1	0	110	..	27.32	201	149	
D Cold Kirby (The School)	Miss M. H. Wragg	5	1	0	765	..	30.62	194	139	
d Kirkby Moorside (Ravenswyke)	Harrison Holt, Esq.	5	1	0	220	..	29.43	..	138	
D Thornton Dale (High Dalby Ho.)	J. A. Coulson, Esq.	5	1	0	325	..	26.62	180	135	
d Hawaby Rectory	Medical Officer of Health.	5	1	0	497	..	33.30	..	134	
5.—ESK & C. 278 sq. mi.										
D Scarborough	Medical Officer of Health.	5	1	1	118	25.8	24.30	198	139	
D Scarborough (Scalby)	Capt. W. H. L. Wordsworth	5	1	0	210	..	27.66	203	144	
D Scarborough (Scalby St. Philips)	Rev. W. E. Stewart	5	1	0	130	..	24.32	201	134	
Goathland (Thwaitefield)	L. G. Rowland, Esq.	5	0	6	485	..	25.60	..	..

DIVISION IX.—YORKSHIRE—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				1926		
		Diam.	Height of		Average	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.	Rain-fall.			
NORTH RIDING—(con.).		in.	ft.	in.	ft.	in.		
5.—ESK & C.—(con.).								
d Egton Bridge (Bridgeholme) ..	Lt.-Col. R. Astley Smith ..	5	0	4	100	..	34.21	..
d Glaisdale (The Gables Gardens) ..	Mr. H. Hope ..	5	0	9	400	..	36.68	183
d Sleights (The Hall) ..	P. M. Horsfall, Esq.	5	1	6	220	..	30.99	121
d Danby (The School House) ..	J. W. Lynas, Esq.	5	1	0	500	..	34.63	175
d Danby Lodge ..	Mr. C. Hardy ..	5	3	0	500	..	36.05	166
d Whitby (Park Hall, Aislaby) ..	Rev. J. H. Richardson ..	5	1	0	500	..	30.96	206
d Whitby (Mulgrave Castle) ..	Mr. J. Corbett ..	5	1	0	410	..	31.94	222
d Comondale (Shirley House) ..	Mr. and Mrs. F. Elgee ..	5	1	0	548	..	31.20	214
d Guisborough (Lockwood Res.) ..	Cleveland Water Co.	8	1	0	632	33.0	33.39	212
d Saltburn (Skelton Castle) ..	Col. W. H. A. Wharton ..	5	0	9	272	..	28.91	211
6.—TEES. 373 sq. mi.								
d Ingleby Manor ..	Lord DeL'Isle & Dudley ..	5	1	0	460	..	31.34	192
d Ingleby Greenow Vicarage ..	Rev. M. A. Horsfall ..	6	1	6	420	..	32.31	192
d Kildale Hall ..	Major R. B. Turton ..	5	1	2	600	..	35.17	233
d Yarm (Crathorne Gardens) ..	Mr. C. Appleton ..	5	1	0	100	..	26.64	200
d Barningham Park ..	Sir F. Milbank, Bart.	8	1	0	700	..	34.97	197
d Nunthorpe (The Box) ..	G. D. Cochrane, Esq.	5	1	0	287	..	25.69	181
d Marton-in-Cleveland (Southcroft) ..	R. Theodore Wilson, Esq.	5	0	11	100	..	22.22	155
d Middlesbrough (Albert Park) ..	R. Sutcliffe, Esq.	8	1	0	30	23.7	25.45	168
m Baldersdale (Aygill) ..	G. R. Collinson, Esq., C.E.	5	1	0	1250	..	51.70	..
m Baldersdale (Blackton Res.) ..	G. R. Collinson, Esq., C.E.	5	1	0	937	..	47.10	..
d Baldersdale (Hury Reservoir) ..	G. R. Collinson, Esq., C.E.	5	1	0	866	..	37.72	..
d Lunedale (Dow Crag) ..	G. R. Collinson, Esq., C.E.	5	1	0	1720	..	63.30	..
m Lunedale (Lunehead) ..	G. R. Collinson, Esq., C.E.	5	1	0	1450	..	60.50	..
m Lunedale (Selset) ..	G. R. Collinson, Esq., C.E.	5	1	0	924	..	45.20	..
d Lunedale (Grasshoe Res.) ..	G. R. Collinson, Esq., C.E.	5	1	0	936	..	42.68	222
m Lunedale (Keekham) ..	G. R. Collinson, Esq., C.E.	5	1	0	1660	..	64.60	..
m Lunedale (Hargill) ..	G. R. Collinson, Esq., C.E.	5	1	0	1320	..	61.30	..

DIVISION X.—NORTHERN COUNTIES.

DURHAM. (Area, 1011 sq. mi.).

1.—TEES & C. 396 sq. mi.								
d Darlington (South Park) ..	J. Morrison, Esq.	5	1	5	150	..	28.39	221
d Darlington (Stanhope Road) ..	Rev. A. W. M. Close ..	5	0	8	180	..	27.46	171
d Darlington (Hummersknott) ..	Mr. John Short ..	5	1	0	200	..	25.79	154
d Barnard Castle (Bowes Museum) ..	S. E. Harrison, Esq.	6	1	0	500	..	30.93	217
d Barnard Castle (County School) ..	C. W. Watson, Esq.	5	1	6	540	29.7	30.45	190
d Stockton-on-Tees (Hartburn Lo.) ..	C. Nielson, Esq.	5	0	10	33	..	25.16	192
d Stockton-on-Tees (Ropner Park) ..	W. A. Jenkins, Esq.	5	1	9	61	..	23.65	159
d Stockton-on-Tees (Billingham) ..	S. Ammonia & Nitrates, Ld.	5	0	1	55	..	25.15	216
d Ferryhill (Winterton) ..	Dr. J. F. Race ..	5	4	3	360	..	26.76	166
d Hurworth Burn (Crookfoot Res.) ..	A. W. Branson, Esq., C.E.	10	1	6	293	..	25.47	193
d West Hartlepool (Waterworks) ..	A. W. Branson, Esq., C.E.	10	1	0	35	..	22.60	173
d Hurworth Burn Reservoir ..	A. W. Branson, Esq., C.E.	10	1	0	357	..	25.28	195
d Hartlepool (Hart Reservoir) ..	A. W. Branson, Esq., C.E.	10	1	0	172	..	19.90	165
d Seaham (Dalton Pumping Sta.) ..	A. B. E. Blackburn, Esq., C.E.	8	1	0	345	..	26.77	205
2.—WEAR—464 sq. mi.								
d Stanhope (Parson Byers Qy.) ..	Messrs. Dorman, Long & Co., Ltd.	5	6	8	846	..	39.13	..
m Burnhope (Grass Meres) ..	H. Robinson, Esq., C.E.	5	1	3	1850	..	54.10	..
m Burnhope (Lodgegill Mine) ..	H. Robinson, Esq., C.E.	5	1	3	1950	..	65.70	..
d Burnhope Bridge ..	H. Robinson, Esq., C.E.	5	1	0	1200	..	51.49	220
m Cowshill (Wellheads Hush) ..	H. Robinson, Esq., C.E.	5	1	6	1690	..	57.95	..
Durham (Houghall Hort. Sta.) ..	W. S. Sharp, Esq.	5	0	11	160	..	29.08	225
d Durham Observatory ..	F. Sargent, Esq.	8	0	10	336	24.6	24.81	180
d Ushaw (St. Cuthbert's College) ..	Rev. J. R. Adamson ..	5	0	9	594	28.2	29.93	187
d Weardale W.W. (Tunstall Res.) ..	H. Robinson, Esq., C.E.	8	1	2	724	..	28.87	204
w Weardale W.W. (Waskerley 6) ..	H. Robinson, Esq., C.E.	8	4	2	1229	..	32.56	..
w Weardale W.W. (Waskerley 3) ..	H. Robinson, Esq., C.E.	8	4	6	1433	..	36.80	..
w Weardale W.W. (Waskerley 4) ..	H. Robinson, Esq., C.E.	8	4	7	1321	..	34.33	..

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				1926		
		Diam.	Height of		Average	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.	Rain-fall.			
DURHAM—(con.).		in.	ft.	in.	ft.	in.		
2.—WEAR—(con.).								
w Weardale W.W. (Waskerley 5).	H. Robinson, Esq., C.E. . .	8	4	2	1244	..	33·54	..
d Weardale W.W. (Waskerley)	H. Robinson, Esq., C.E. . .	8	0	11	1179	..	36·19	213 172
w Weardale W.W. (Waskerley 2).	H. Robinson, Esq., C.E. . .	8	4	5	1367	..	35·18	..
w Weardale W.W. (Waskerley 1).	H. Robinson, Esq., C.E. . .	8	4	4	1317	..	33·68	..
d Chester-le-Street (Biddick Hall 1).	Mr. J. Fletcher	5	1	0	150	..	27·23	251 154
d Ryhope Pumping Station	A.B.E. Blackburn, Esq., C.E. .	8	1	1	228	..	24·19	193 135
d Sunderland (W. Hendon H.) No. 5.	Mrs. W. A. Mounsey	5	1	0	130	25·6	25·87	198 146
d Sunderland (Mowbray Park) (+A)	H. Renney, Esq., M.D. . .	5	1	0	105	..	23·73	181 127
d Sunderland (Cedars End)	W. F. Vint, Esq.	5	1	0	115	..	24·21	189 136
3.—TYNE, LOWER. 151 sq. mi.								
d Weardale W.W. (Smiddy Shaw)	H. Robinson, Esq., C.E. . .	8	1	3	1128	..	33·75	221 174
d Consett Park Farm	J. D. Brown, Esq.	5	4	3	641	..	30·60	171 130
d Rowlands Gill (Chopwellwood)	Capt. A. D. Hopkinson . . .	8	1	0	446	..	32·07	206 147
d Sunderland (Cleadon Pump. Stn.)	A.B.E. Blackburn, Esq., C.E. .	8	1	0	216	..	23·53	176 126
d Ryton-on-Tyne (Balgonie House)	J. W. Smith, Esq., M.D. . .	5	1	2	258	..	30·42	167 143
d South Shields (Bent's Park) . . .	Dr. W. Campbell Lyons . . .	5	1	0	36	..	26·46	200 139
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	1350	..	45·94	..
3.—TYNE, LOWER. 227 sq. mi.								
d Corbridge (Howden Dene)	T. D. Straker-Smith, Esq. .	5	1	0	200	..	29·49	205 151
d Hexham (Beaufront Castle) . . .	The Lady Rayleigh	8	1	0	450	..	29·95	..
d Newcastle (Leazes Park)	W. J. Steele, Esq.	5	1	0	255	..	29·73	204 150
d Newcastle Deaf & Dumb Inst. *	The Superintendent	5	2	0	201	27·2	29·73	196 151
d Newcastle (Wellburn, Jesmond)	J. H. Holmes, Esq., C.E. . .	5	1	3	163	..	28·75	190 143
d Wallsend (Carville School)	G. R. Pattison, Esq.	5	1	3	100	..	24·51	170 128
d Tynemouth (Tyne Pier Works)	R. F. Hindmarsh, Esq., C.E. .	5	1	8	65	..	26·39	185 135
d Tynemouth (C.G. Stat.) Old g.	The Meteorological Office . .	8	1	0	67	..	26·17	186 137
d Tynemouth (C.G. Sta.) New g.	The Meteorological Office . .	8	1	0	67	..	28·07	185 129
d Whittle Dene Filters (N'stle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	1	353	27·5	28·55	207 146
d Whittle Dene Res. (Newc. W.W.)	A. Hardcastle, Esq., C.E. . .	5	0	6	380	26·1	28·94	226 149
4.—NORTH TYNE. 433 sq. mi.								
Ryal Cottage (Newcastle W.W.)	A. Hardcastle, Esq., C.E. . .	10	0	9	463	29·2	39·33	..
d Hallington Vill. (N'castle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	0	467	30·3	32·05	..
d Hallington Res. (N'castle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	0	470	28·6	31·66	214 150
d Hallington (Fawcett) (Newc. W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	2	537	28·2	31·22	..
d Hallington (Cheviott) (Newc. W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	2	576	27·8	29·87	..
d Camphill (Newcastle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	0	650	30·0	33·37	..
d Colt Crag Res. (N'castle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	0	654	28·2	32·97	219 174
d Green Crag (Newcastle W.W.)	A. Hardcastle, Esq., C.E. . .	5	1	0	900	30·8	31·71	..
d Falstone Rectory	Rev. A. J. Dexter	5	1	0	485	..	45·53	235 181
d Bellingham (High Green Man.)	Capt. Sir C. Morrison-Bell, Bt.	5	1	0	849	..	39·71	230 175
d Redewater (Catcleugh)	A. Hardcastle, Esq., C.E. . .	5	1	0	819	40·5	42·40	225 179
5.—COQUET & C. 840 sq. mi.								
Whittington (Newcastle W.W.)	A. Hardcastle, Esq., C.E. . .	8	0	9	528	28·1	32·46	..
Burnside (Newcastle W.W.)	A. Hardcastle, Esq., C.E. . .	5	0	9	419	27·3	30·26	..
Blyth	L. Leeper, Esq., C.E. . . .	8	1	6	20	..	27·17	..
d Morpeth (Ashington)	J. Gray, Esq.	5	8	0	110	..	27·50	196 141

* Formerly called Town Moor.

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.			Rain- fall.	Days with ·01 in. or more.	Days with ·04 in. or more.
NORTHUMBERLAND—(con.).		in.	ft.	in.	ft.	in.	in.		
5.—COQUET & C.—(con.).									
d Morpeth (Cockle Park).....	A. Logan Wood, Esq.....	8	1	0	325	28·7	32·49	201	144
d Font Res. (Tynemouth W. W.)...	J. W. McKerrrow, Esq. ...	10	1	2	620	..	37·88	243	167
d Long Horsley (Ghyllheugh) ...	S. J. Redpath, Esq.	5	1	0	250	..	34·56	225	154
d Rothbury (Brinkburn Priory)...	Mrs. Hugh Fenwick	8	1	0	257	..	33·10	..	..
L. Framlington (Embleton H.)...	J. C. Fenwick, Esq.	5	0	9	430	..	36·26	..	..
d Acklington (Broomhill Colliery)...	A. M. Morison, Esq.....	5	7	6	92	..	28·03	..	..
d Alnmouth (Nether Grange)....	Miss E. Pease, J.P., O.B.E.	5	1	6	40	..	31·32	188	142
d Howick Hall Gardens	Mr. J. Wright,	8	0	10	121	28·2	35·93	193	153
6.—TWEED. 262 sq. mi.									
d Wooperton	Mrs. Burdon	5	1	7	..	..	37·95	182	158
d Ilderton (Lilburn Tower)	A. B. Collingwood, Esq....	10	6	0	300	27·9	36·45	193	144
d Ilderton (Lilburn Tower Grdns.)...	Mr. W. Lovett	5	1	0	250	..	38·88	193	151
d Kirknewton (Coldburn)	W. Anderson, Esq.....	5	0	11	750	..	47·39	197	157
Mindrum (Thornington House)...	Leonard Briggs, Esq.....	5	..	..	..	..	38·09	..	..
d Berwick-on-Tweed (Ramparts)...	J. H. Huffam, Esq.....	5	1	0	76	..	28·11	186	124
7.—INSULAR. 1 sq. mi.									
CUMBERLAND. (Area, 1516 sq. mi.)									
1.—EDEN & SOLWAY. 887 sq. mi.									
Ullswater (Hallsteads)*	Mrs. F. Thomasson.....	5	2	0	497	..	60·95	188	..
d Watermillock (Mell Fell House)...	Mrs. Spring-Rice	5	1	6	950	..	57·60	202	162
d Penrith (Hutton John).....	F. Hudleston, Esq., C.E....	5	1	0	688	..	52·14	234	167
d Penrith (Briar Cottage)	H. Lester, Esq.	5	1	0	575	32·8	37·15	197	150
d Penrith (Benson House).....	A. B. Sinclair, Esq.....	5	2	4	480	..	37·89	208	148
d Penrith (Newton Rigg)	Cumberland County Council	8	1	0	560	36·4	36·02	226	149
Flimby	Wilfrid Irwin, Esq.	5	3	6	50	..	37·05	..	..
d Uldale (Chapel House Res.) ...	J. Strong, Esq.	8	1	0	620	..	48·29	211	172
d Penrith (Nunwick Hall)	Mrs. Heywood Thompson...	5	1	0	268	..	34·92	195	150
d Penrith (Ennism)	Lt. Col. H. L. Riley, DSO, OBE	5	1	0	660	..	44·20	206	156
d Mealsgate (Quarry Hill)	J. R. Watters, Esq.	8	1	0	479	..	41·53	238	166
d Renwick (Ravenwood)	W. Salkeld, Esq.	5	4	0	750	..	45·22	231	189
d Ainstable (Heather Glen).....	A. Guthrie-Smith, Esq.	5	1	6	500	..	38·48	209	168
d Wigton (Brookfield)	David W. Reed, Esq.	5	5	0	124	..	36·51	182	148
d Wreay Vicarage.....	Rev. Canon A. R. Hall ...	5	2	0	310	31·8	37·25	217	158
d Silloth	Miss A. P. Farries	5	0	2	27	..	32·94	..	..
d Geltsdale.....	P. Dutton, Esq.	5	1	2	778	..	41·29	253	183
d Carlisle (Spital Cemetery)	J. T. Charlton, Esq.....	8	1	0	114	31·8	34·70	201	153
Carlisle (Denton Holme)	W. Eggleston, Esq.	5	2	0	57	..	33·12	..	..
d Carlisle (Scaleby Hall)	Lady Allison	5	1	0	111	33·7	38·89	222	156
d Penton (Warwicksland School)...	W. Roden, Esq.....	5	1	0	360	..	50·65	225	173
2.—DERWENT. 257 sq. mi.									
m Sprinkling Tarn.....	The Meteorological Office..	5	1	6	1985	..	142·20	..	..
m Styhead Tarn	The Meteorological Office..	5	1	6	1472	..	145·58	..	..
m The Sty B	The Meteorological Office..	4	0	6	1077	..	177·48	..	..
m The Sty B ...Seathwaite g... ..	The Meteorological Office..	5	1	6	1076	..	178·91	..	..
m The Sty C	The Meteorological Office..	4	2	0	1077	..	189·21	..	..
m The Sty D	The Meteorological Office..	4	1	6	1077	..	160·33	..	..
m Borrowdale (Seathwaite).....	The Meteorological Office..	4	0	9	422	129·5	135·37	..	..
Borrowdale (Seathwaite) Field ..	Miss C. Marshall.....	5	1	0	423	..	125·06	..	..
m Ullscarf	L. Holme Lewis, Esq., C.E.	5	1	0	2100	115·1	132·10	..	..
Helvellyn (Birkside)	L. Holme Lewis, Esq., C.E.	5	1	0	1900	80·4	85·10	..	..

* Per Miss Cordelia Marshall.

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
CUMBERLAND—(con.).			in.	ft.	in.	ft.	in.		
2.—DERWENT—(con.).									
M Wythburn	L. Holme Lewis, Esq., C.E.	5	1	0	610	87·8	103·30	..	..
Armboth Fells (The Pewitts)	L. Holme Lewis, Esq., C.E.	5	1	0	1650	82·9	98·00	..	..
Helvellyn (Whiteside)	L. Holme Lewis, Esq., C.E.	5	1	0	2100	75·9	87·80	..	..
D Buttermere (Hassness)	S. O. Hanlon, Esq.*	6	1	0	350	..	101·75	220	199
M Crummock Water (Llanthwaite Grn.)	R. W. Hall, Esq.	5	1	0	510?	..	73·04	..	..
Thirlmere (Dale Head Hall)	L. Holme Lewis, Esq., C.E.	6	1	3	620	78·7	87·40	..	..
D Keswick (Lingholm Gardens)	J. Elson, Esq.	5	1	0	300	..	71·07	222	174
D Keswick (Derwent Island)	C. E. Marshall, Esq.*	5	0	7	280	..	66·06	228	175
D Keswick (Derwent Island)	C. E. Marshall, Esq.*	5	0	6	290	..	62·94	228	175
D Keswick (The Bank)	Mr. W. E. Campbell	5	1	4	265	..	62·76	223	179
D Keswick (High Hill)	T. Wilson, Esq.	5	1	0	254	..	60·95	211	164
D Portinscale (High Moss)	Mrs. J. E. Brown	5	1	0	285	..	67·41	214	182
D Keswick (Mirehouse)	Miss Spedding	5	1	6	280	..	57·51	243	166
D Workington (Stainburn Res.)	H. Bowman Williams, Esq.	5	1	0	180	..	37·07	198	141
D Cockermouth (Derwent Lodge)	Wilfred Irwin, Esq.	5	1	0	200	..	38·77	197	157
d Threlkeld (Blencathra Sanat.)	Dr. W. Goodchild	5	1	0	885	..	65·72	199	177
Cockermouth (Castlegate Drive)	R. W. Hall, Esq.	5	0	8	208	..	39·51	..	..
Camerton Vicarage	Rev. E. C. Bennett	5	1	0	200	..	34·94	..	..
D Bassenthwaite Vicarage	Rev. M. H. Banister	5	1	0	350	..	48·35	222	170
D Bassenthwaite (Higham)	G. F. Fisher, Esq.	5	0	9	500	..	48·43	208	160
3.—WEST COAST STREAMS. 235 sq. mi.									
D Ravenglass (The Grove)	Walter Marchant, Esq.	5	3	0	70	42·5	42·88	174	147
Eskdale Green (Gatehouse)	Mr. J. W. Rainbow	5	1	0	300	..	58·58	237	..
Braystones	H. H. Watson, Esq.	10	3	6	36	..	41·35	..	..
M Egremont (Lank Rigg)	J. Sherwen, Esq.	5	1	0	1750	..	80·99	..	..
D St. Bees (Bickerley House)	Lt. Col. G. Dixon	8	1	6	60	..	45·09	219	159
D Whitehaven (Stanley Pond)	Whitehaven Colliery Co., Ltd.	12	2	11	45	..	46·73	194	166
D Whitehaven (Scragill Reservoir)	C. A. Wilson, Esq., C.E.	8	1	0	188	..	56·12	232	193
Workington (Winscales House)	Miss Trench	5	1	6	440	..	35·21	214	145
4.—DUDDON & C. 50 sq. mi.									
D Silecroft (Old Chappels)	G. H. Holt, Esq.	5	1	0	200	..	54·99	210	174
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	42·3	43·86	210	161
Mosedale (Mosedale Cottage)	L. Holme Lewis, Esq., C.E.	5	1	0	1443	..	94·75	..	..
Wet Sleddale (Mirethwaite)	L. Holme Lewis, Esq., C.E.	5	1	0	990	..	69·38	..	..
Blea Water	L. Holme Lewis, Esq., C.E.	5	1	0	1465	..	101·64	..	..
Mardale (Grove Brae)	L. Holme Lewis, Esq., C.E.	5	1	0	802	..	93·34	..	..
Swindale Head	L. Holme Lewis, Esq., C.E.	5	1	0	1025	..	72·01	..	..
Grizedale (Ruthwaite Lodge)	W. J. Marshall, Esq.*	8	1	6	1250	..	98·03	..	..
Shap (Force Beck)	L. Holme Lewis, Esq., C.E.	5	1	0	1062	..	56·53	..	..
Shap (Thornship Gill)	L. Holme Lewis, Esq., C.E.	5	1	0	865	..	58·40	..	..
Shap (Tailbert Head)	L. Holme Lewis, Esq., C.E.	5	1	0	1100	..	58·71	..	..
Shap (Kirk Bank)	L. Holme Lewis, Esq., C.E.	5	1	0	911	..	50·97	..	..
D Stainmore (Rampson)	Mrs. Bracken	5	1	9	981	..	42·07	250	178
Hawes Water (Naddle House)	L. Holme Lewis, Esq., C.E.	5	1	0	825	..	69·20	..	..
Hawes Water (Measand)	L. Holme Lewis, Esq., C.E.	5	1	0	824	..	69·67	..	..
Measand Beck (Keasgill)	L. Holme Lewis, Esq., C.E.	5	1	0	1862	..	59·91	..	..
Patterdale Hall	W. J. Marshall, Esq.*	5	1	3	490	86·4	94·51	228	..
Cawdale Beck (Howe Grain)	L. Holme Lewis, Esq., C.E.	5	1	0	1642	..	50·49	..	..
Heltondale (Kidmoor)	L. Holme Lewis, Esq., C.E.	5	1	0	984	..	55·23	..	..
d Patterdale (Greenside Mine)	Matthew Place, Esq.	7	1	6	1000	..	89·18	..	..

* Per Miss Cordelia Marshall.

DIVISION X.—NORTHERN COUNTIES—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
WESTMORLAND—(con.).		in.	ft.	in.	ft.	in.	in.		
1.—EDEN—(con.).									
d Appleby (Castle Bank).....	C. R. Rivington, Esq.	5	1	0	440	35.0	37.49	205	162
d Ullswater (Sharrow Bay)	Mr. G. Robinson	5	0	7	600	..	55.39	..	..
d Penrith (Morland)	F. R. Markham, Esq.	5	1	0	455	..	36.35	192	149
d Penrith (Lowther Castle)	Mr. J. Jeffrey.....	5	1	0	760	..	46.44	215	165
d Penrith (Barton House)	Mrs. Legh Tolson	5	0	10	500	..	48.99	243	172
d Temple Sowerby (The Grange) ..	Col. E. B. Burton	5	1	1	370	..	31.16	176	145
d Penrith (Brougham Gardens) ..	Mr. J. H. Lane	5	5	0	470	..	37.88	210	161
2.—LEVEN. 60 sq. mi.									
d Bowness (Dawstone).....	W. H. Milne, Esq.	5	1	2	550	..	67.41	206	188
d Windermere (Hammar Bank).....	Mrs. H. Coutts.....	5	1	0	200	..	67.94	226	179
d Windermere (Holebird)	W. G. Groves, Esq.*.....	5	1	0	483	..	73.77	256	190
d Windermere (Brockhole)	W. Gaddum, Esq.	5	1	6	175	..	70.07	222	182
d Ambleside (Wansfell)	Miss Wrigley	8	1	0	150	..	75.20	214	179
m Little Langdale (Fell Foot) ..	Miss C. Marshall	5	2	2	380	..	116.57	..	..
d Ambleside (White Craggs)	C. H. Hough, Esq.	5	1	7	200	..	76.81	211	175
d Ambleside (Market Square).....	G. A. Johnston, Esq., M.D.	5	1	0	180	..	81.65	235	186
Elterwater (Eltermere).....	Miss C. Marshall	5	1	0	205	..	100.31	223	..
d Rydal (The Stepping Stones)....	Gordon Wordsworth, Esq.	5	1	3	190	..	88.11	236	194
d Rydal	Miss M. Yates	5	1	0	380	..	89.44	233	198
d Rydal (High Close)	F. E. T. Jones Balme, Esq.	8	0	9	553	83.3	90.84	225	182
d Rydal (The Hall)	R. E. Porter, Esq.	5	1	0	354	..	88.24	236	194
d Dungeon Ghyll	Miss C. Marshall	5	1	0	310	..	111.36	236	220
m Mickleden	Miss C. Marshall	5	1	6	490	..	124.38	..	..
d Grasmere (The Wray)	Miss G. M. Simpson	5	1	0	221	88.5	98.95	242	198
3.—KENT. 188 sq. mi.									
d Burton (Under Fell)	J. B. Hoyle, Esq.	5	0	9	225	..	45.11	224	172
d Heversham (Plumtree Hall) ..	Miss M. C. Watson	5	0	8	115	..	49.17	237	166
d Grange-over-Sands (Witherslack) ..	R. M. Argles, Esq.	5	0	9	75	..	53.49	197	167
d Old Hutton (Middleshaw)	F. G. T. Adams, Esq.	8	3	5	369	..	51.99	192	179
d Killington Reservoir.....	F. G. T. Adams, Esq.....	8	2	8	674	..	47.88	205	179
d Kendal (Vicarage Terrace)	G. F. Braithwaite, Esq. ..	8	0	7	150	..	51.57	218	175
d Kendal (Highgate)	R. Rhodes, Esq.	5	1	3	150	..	49.83	230	165
d Kendal (Greenside)	Miss C. E. Wilson	5	1	0	380	..	57.24	225	174
d Kendal (Burnside)	W. E. Brown, Esq.	5	0	10	160	..	55.88	225	173
4.—LUNE. 122 sq. mi.									
Kirkby Lonsdale	J. R. Picard, Esq.....	7	0	8	215	..	49.29	..	..
d Barbon Manor	Lord Shuttleworth	5	1	3	650	..	52.80	208	189
d Barbon (The Stores)	W. Wilkinson, Esq.	5	1	0	310	..	47.47	189	158
Ravenstonedale (Railway Station) ..	J. W. Jackson, Esq.	5	1	0	800	..	47.28	..	..
5.—TEES. 40 sq. mi.									
m Lunedale (Conny Pot)	G. R. Collinson, Esq., C.E.	5	1	0	1840	..	58.60	..	..

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

MONMOUTH. (Area, 534 sq. mi.)

1.—RHYMNEY. 39 sq. mi										
d	Rumney (Witla Court)	.....Mr. E. Edwards.....	4	1	0	175	39.4	38.27	164	146
d	St. Mellons (Druidstone)	.... Mr. G. H. Shoebridge	5	1	0	280	..	37.66	182	143
d	Machen (Machen Quarry)	.....Machen Stone & Lime Co. .	5	0	6	250	..	41.51	..	..

* Per Miss Cordelia Marshall.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926			
		Diam. Rim above Ground.	Height of Ground above Sea Level.	ft.		Rain- fall.	Days with "01 in. or more.	Days with "04 in. or more.	
MONMOUTH—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—EBBW. 88 sq. mi.									
d Rogerstone (Rhiwderin)	Sir L. Forestier-Walker, K.B.E.	5	1	3	250	..	38·36	175	155
d Blackwood	D. H. Price, Esq.	5	0	10	630	..	47·81	189	153
d Abertillery (The Park)	S. E. Thomas, Esq.	5	1	0	700	57·2	53·81	204	164
d Tredegar Laboratory	W. Morgan, Esq.	5	2	0	950	59·8	52·18	206	176
d Tredegar (Redesdale)	D. W. Davies, Esq.	5	1	6	963	47·1	52·45	207	168
d Ebbw Vale (Iron Works)	J. H. Williams, Esq., V.C.	8	1	0	902	56·6	52·92	186	168
d Nant-y-bwch (Shon Sheffrey's W)	D. W. Davies, Esq.	5	1	5	1204	..	65·99	222	180
3.—USK & C. 290 sq. mi.									
d Redwick	Lt.-Col. Blethyn T. Rees, C.E.	5	1	3	24	..	32·08	175	138
d Portskewett (Sudbrook)	A. S. Quartermaine, Esq., C.E.	8	0	6	22	..	29·19	..	..
d Newport (Altyryn Hosp.)	Dr. J. Howard Jones, M.O.H.	8	1	0	265	..	40·35	181	147
d Newport W.W. (Friar St. Yard)	Newport Corporation	5	6	0	32	..	38·24	179	145
d Newport W.W. (Ynis-y-iro Res.)	Newport Corporation	5	1	0	136	..	40·26	212	154
d Newport W.W. (Pant-y-reos Res.)	Newport Corporation	5	1	0	435	..	41·42	203	151
d Newport W.W. (Llanvaches)	Newport Corporation	5	0	10	456	..	39·32	207	152
d Newport W.W. (Nantyridd)	Newport Corporation	5	1	0	500	..	42·21	194	154
d Chepstow (Itton Court)	Col. E. C. Curre	5	1	0	390	..	38·69	181	144
d Caerleon (Cwm-y-Wiwer)	Lt.-Col. Blethyn T. Rees, C.E.	5	1	0	112	37·5	37·33	195	138
d Newport W.W. (Newchurch)	Newport Corporation	5	1	0	550	..	44·29	194	153
d Usk (Castle Parade House)	J. Maitland Watkins, Esq.	5	1	0	75	..	37·48	158	135
d Usk (Monmouth Agric. Instn.)	G. H. Purvis, Esq.	8	1	0	70	..	36·01	158	128
d Abersychan (Snatchwood Park)	Godfrey E. Jones, Esq.	8	1	0	529	55·2	55·88	212	168
d Abersychan (Glansychan)	G. W. James, Esq.	5	1	2	699	55·0	53·93	214	163
d Goytre (Goytre Hall)	Mrs. Lionel Whitehead	9	1	2	300	46·1	46·64	198	155
d Blaenavon (Estate Office)	E. J. John, Esq.	8	4	0	1150	55·1	53·51	..	..
d Abergavenny (Ty Clyd)	F. D. Llewelyn, Esq.	5	1	0	290	45·1	43·93	176	142
d Abergavenny (Mansel Place)	C. Webb, Esq.	8	7	2	217	40·6	39·75	..	..
d Abergavenny (Larchfield)	Dr. N. R. Phillips	5	1	0	240	37·5	33·08 ?	182	134
d Abergavenny (The Chain)	W. Baker-Gabb, Esq.	5	1	0	310	..	36·68	198	132
d Grwyne Fawr (Coed Dias)	W. Baker-Gabb, Esq.	5	1	0	900	..	44·28	207	162
4.—WYE. 117 sq. mi.									
d Monmouth (Pentwyn)	Rev. Canon J. T. Harding.	9	1	0	191	30·9	32·66	165	134
d Monmouth (Cornwall House)	P. G. Harvey, Esq., M.D.	5	0	11	55	..	27·79	177	125
d Llanvihangel Crucorney Depot	J. F. Jupp, Esq., C.E.	5	1	0	501	..	35·49	..	138
GLAMORGAN. (Area, 808 sq. mi.)									
1.—LOUGHOR. 55 sq. mi.									
d Gorseion (Penllergaer)	Sir J. T. D. Llewelyn, Bt.	5	3	0	240	48·7	46·60	195	159
d Felindre (Balenant Dhu)	Major F. Hibbert, C.E.	5	1	3	346	..	54·67	213	181
d Felindre (Lower Lliw Res.)	Major F. Hibbert, C.E.	8	1	3	426	..	48·58	210	172
d Felindre (Upper Lliw Res.)	Major F. Hibbert, C.E.	8	1	3	599	..	57·64	216	176
2.—GOWER PENINSULA. 62 sq. mi.									
d Penmaen (Cefn Mor)	Mrs. Bostock	5	1	6	300	41·5	41·61	..	..
d Sketty (Rhydyrhelyg)	E. H. Perkins, Esq.	5	1	0	124	46·0	47·79	216	168
3.—TAWE. 47 sq. mi.									
d Swansea (Victoria Park)	(+A) Mr. D. Bliss	8	1	0	27	44·7	47·78	218	182
d Morriston (Pentrepeth House)	Dr. M. W. Williams	5	1	0	236	..	48·43	201	163
d Clydach (Wernfadog)	Mrs. G. H. Player	8	4	2	..	..	42·85	176	144
d Ystalyfera (Wern House)	Miss J. E. Williams	5	1	6	240	64·8	61·60	..	..

* Per Lt.-Col. Blethyn T. Rees, C.E.

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in. or more.	Days with '04 in. or more.	
GLAMORGAN—(con.).		in.	ft.	in.	ft.	in.	in.		
4.—NEATH. 82 sq. mi.									
d Briton Ferry (Brynsiriol)	H. A. Clarke, Esq., C.E. . .	5	1	0	33	..	45·18	181	152
d Briton Ferry (Cefn Court)	H. A. Clarke, Esq., C.E. . .	5	1	0	503	47·7	45·23	174	155
d Neath (Gnoll Reservoir)	H. A. Clarke, Esq., C.E. . .	5	1	0	204	..	48·65	190	160
d Neath (Bryn-Teg)	H. P. Lloyd, Esq.	5	0	9	100	..	50·61	198	163
Neath (Glynfelin)	T. Gibbins, Esq.	5	1	4	180	..	52·88	..	160
Rhondda W.W. (Llyn Fawr Res.)	Mr. J. B. Hughes	8	1	0	1220	88·6	81·20	215	184
Pontardawe (Plas Cilybebyll)	J. H. B. Lloyd, Esq.	5	1	3	500	..	59·07	..	..
5.—OGMORE & C. 350 sq. mi.									
d Barry W.W. (Biglis)	T. E. Franklin, Esq., C.E. .	5	1	0	19	34·5	35·94	180	144
Barry W.W. (Merthyr Dyfan R.)	T. E. Franklin, Esq., C.E. .	5	1	0	300	37·6	37·14	..	..
Barry W. W. (Dinas Powis Res.)	T. E. Franklin, Esq., C.E. .	5	1	0	165	36·4	39·21	..	..
Lower Penarth	E. I. Evans, Esq., C.E. . .	5	1	0	66	34·9	32·34	..	133
Penarth (Council Offices)	E. I. Evans, Esq., C.E. . .	5	5	0	160	37·1	34·92	180	145
d Cardiff (Cogan Pumping Statn.)	N. J. Peters, Esq., C.E. . .	5	1	0	121	37·7	37·75	173	149
d Cardiff (Ely Pumping Station)	N. J. Peters Esq., C.E. . .	5	1	0	53	42·1	39·11	233	154
d Fairwater (Glan Ely Hospital)	Medical Superintendent ..	8	1	0	122	..	38·64	..	140
d Cardiff (St. Fagans Castle)	Capt. H. A. Pettigrew	5	0	10	100	48·5	52·18	..	158
Cowbridge (Ash Hall)	E. Tudor Owen, Esq.	8	3	6	315	45·0	42·38	184	161
d Merthyr Mawr	Lt.-Col. J. I. D. Nicholl ..	5	1	6	75	42·9	40·09	196	165
d Bridgend	H. J. Randall, Esq.	5	1	0	50	..	42·43	202	159
d Port Talbot (Twyny-r-hydd)	E. N. David, Esq.	5	1	3	180	42·6	41·65	191	145
d Port Talbot (Groeswen Ganol) .	A. Bishop, Esq.	8	1	0	51	40·3	41·27	203	167
d Maesteg (Neath Road)	Llewelyn C. Lloyd, Esq. . .	8	0	10	700	..	53·24	177	165
d Pontycymmer (Police Station)	Sergeant Evans	8	1	0	560	..	74·98	..	146
d Glyncoirwng Colliery	Mr. J. Preece	5	4	6	725	85·4	75·21	176	169
6.—TAFF. 157 sq. mi.									
d Cardiff (Trade Street Depot) ..	N. J. Peters, Esq., C.E. . .	5	1	0	45	39·5	37·09	184	138
d Llandaff (West Hill)	J. E. Gladstone, Esq.	5	1	0	110	42·2	41·60	204	160
d Rhubina Reservoir	N. J. Peters, Esq., C.E. . .	5	1	0	336	48·1	45·22	197	158
d Pontypridd (Lan Wood Res.) .	T. W. Coates, Esq., C.E. . .	5	1	6	300	55·1	55·62	200	167
d Ystradyfodwg (Tyntyla Hos.) .	J. D. Jenkins, Esq., M.D. .	5	1	0	590	60·1	46·85?	..	..
d Treharris Service Reservoir ...	A. J. Marshall, Esq., C.E. .	5	1	3	765	52·3	52·88	183	158
d Mountain Ash (Maesydderwen)	Lt.-Col. M. Morgan	5	1	0	483	56·6	52·13	182	146
d Mountain Ash (Darranlas Res.)	W. G. Thomas, Esq., C.E. .	5	0	11	540	63·6	53·50	205	157
d Treherbert (Tyn-y-waun)	O. Thomas, Esq.	5	1	0	801	87·0	87·63	218	183
d Cwmaman Collieries	Cwmaman Coal Co., Ltd. . .	5	2	2	930	70·4	56·32	..	..
d Rhondda (Pont Lluest Wen R.) 3	T. W. Coates, Esq., C.E. . .	5	1	6	1110	82·1	75·13	203	172
d Rhondda (Pont Lluest Wen R.) 2	T. W. Coates, Esq., C.E. . .	5	1	6	1200	63·3	76·11	203	176
d Rhondda (Pont Lluest Wen R.) 1	T. W. Coates, Esq., C.E. . .	5	1	6	1280	89·0	88·16	203	179
d Merthyr Tydfil (Penybryn Filters)	A. J. Marshall, Esq., C.E. .	5	1	3	937	54·0	52·75	223	176
d Dowlais (Gwernllwyn)	R. C. Harrison, Esq.	5	1	6	1071	51·4	51·35	204	166
d Dowlais (Garth Filter Beds)	T. F. Harvey, Esq., C.E. . .	5	1	0	1245	..	54·55	220	174
7.—RHYMNEY. 55 sq. mi.									
d Cardiff (Roath Park)	A. A. Pettigrew, Esq.	5	0	11	49	41·6	38·99	179	149
d Cardiff (Penylan)	R. M. F. Picken, Esq., M.D.	5	1	0	203	41·4	38·50	180	144
d Cardiff (Heath Filters)	N. J. Peters, Esq., C.E. . .	5	1	0	132	41·3	39·51	180	151
d Llanishen Reservoir	N. J. Peters, Esq., C.E. . .	5	1	0	155	39·4	36·45	183	147
d Lisvane Reservoir	N. J. Peters, Esq., C.E. . .	5	1	0	150	37·4	34·43	186	145
d Rhymney Bridge Reservoir ..	E. Watkins Edwards Esq. C.E.	8	1	0	1098	56·8	58·48	219	185
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	48·3	43·49	213	167
d Carmarthen (Model & Prac. Sch.)	C. W. Wilford, Esq.	5	1	5	65	..	47·11	231	169
d Llandilo (Dynevor Castle)	Lord Dynevor	8	1	4	202	53·2	50·15	236	181

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
CARMARTHEN—(con.).			in.	ft.	in.	ft.	in.		
2.—TOWY & C.—(con.)									
■ Llandilo (Bryneithen)	F. L. Puxley, Esq.	5	1	0	200	49·8	50·19	219	178
■ Llandilo (Cwmifor C. Sch.)	T. I. Griffiths, Esq.	5	1	1	210	46·7	44·76	207	165
w Llyn-y-fan Fach (Waen Sychlwch)	R. C. Jones, Esq.	5	1	0	1647	83·2	101·45	..	..
d Llyn-y-fan Fach (Nant Coch)	R. C. Jones, Esq.	5	1	0	1172	74·5	78·85	..	..
w Llyn-y-fan Fach (Bua'r Llyn)	R. C. Jones, Esq.	5	1	0	1650	..	108·49	..	..
d Llyn-y-fan Fach (Troed-y-Foel)	R. C. Jones, Esq.	5	1	0	867	..	66·96	215	183
d Llanddeusant (Pontcrynfe)	J. Thomas, Esq.	5	1	0	323	55·6	56·89	206	164
d Llandovery (Nantyrhogfaen)	D. T. M. Jones, Esq.	5	1	0	249	50·8	49·34	202	175
d Llanwrda (Dolaucothy)	Late Lady Hills-Johnes	5	2	6	498	57·5	60·49	261	224
3.—LOUGHOR & C. 104 sq. mi.									
Llanelly (Old Market Yard)	G. Watkeys, Esq., C.E.	5	12	0	35	44·6	47·66	221	167
Llanelly (Filter Beds)	G. Watkeys, Esq., C.E.	5	1	0	237	45·1	49·53	210	174
Llanelly (Cwmlledi W.W.)	G. Watkeys, Esq., C.E.	5	2	3	240	48·7	50·16	224	174
Llanelly (Upper Lliedi Res.)	G. Watkeys, Esq., C.E.	5	3	0	290	58·6	53·30	222	185
w Llannon	R. C. Jones, Esq.	5	1	0	860	..	60·11	..	..
4. TAW. 7 sq. mi.									
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	53·0	48·31	194	167
2.—NEVERN & C. 91 sq. mi.									
3.—WEST COAST STREAMS. 82 sq. mi.									
4.—CLEDDAU & C. 407 sq. mi.									
d Pembroke (Stackpole Court)	Mr. F. G. Garlick	6	1	6	60	39·3	41·84	161	139
d Manorbier (N.P. School)	H. J. Parr, Esq.	5	12	0	120	..	35·67	215	147
d Tenby (The Priory)	Miss D. G. Truscott	8	0	10	87	40·9	37·08	192	154
d St. Ann's Head	The Meteorological Office	8	0	10	150	35·3	35·47	192	150
d Pembroke Dock (County School)	J. H. Garnett, Esq.	5	1	0	85	42·7	39·99	196	142
d Pembroke Dock (Admiralty R.)	W. T. Coldicott, Esq.	8	1	0	90	..	41·84	177	138
d Milford Haven (Co. School)	F. L. Lowther, Esq.	5	1	0	150	..	42·19	..	..
d Saundersfoot (Hean Castle)	Lord Merthyr	5	1	1	206	36·3	38·73	181	161
d Haverfordwest (Picton Castle)	Sir C. E. G. Philipps, Bt.	5	0	10	138	46·8	45·93	215	159
d Haverfordwest (Portfield)	J. W. Phillips, Esq.	5	1	0	250	44·8	43·98	207	159
d Haverfordwest (Grammar Sch.)	J. W. Phillips, Esq.	5	1	0	95	46·4	48·48	204	164
d Fishguard (Langton, Dwrbach)	J. C. Yorke, Esq.	5	0	6	320	45·4	43·19	242	171
CARDIGAN. (Area, 688 sq. mi.)									
1.—DOVEY. 20 sq. mi.									
2.—YSTWYTH & C. 347 sq. mi.									
d Llanafan (Crosswood Park)	The Earl of Lisburne	5	1	0	201	..	46·70	219	183
d Ysppyty-Ystwyth (Hafod)	T. J. Waddingham, Esq.	5	1	3	580	56·4	58·30	245	208
d Capel Bangor (Penllwyn)	W. E. Whitehouse, Esq.	5	1	0	145	41·3	39·40	..	..

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
CARDIGAN—(con.).						in.			
2.—YSTWYTH & C.—(con.).									
o Aberystwyth (Castle Grounds) ..	Dr. A. Thomas	8	1	0	69	..	30.76	183	149
o Aberystwyth (North Parade) ..	Dr. A. Thomas	8	2	6	16	..	35.16	202	160
o Aberystwyth (Plant Breeding Stn.)	M. G. Jones, Esq.	5	1	0	450	..	38.81	236	159
d Aberystwyth (Gogerddan)	Mr. F. J. Reeves	5	1	1	83	46.5	47.06	..	157
3.—TEIFI. 260 sq. mi.									
o Cardigan (County School)	Dr. D. Rees	5	1	6	72	..	37.42	198	149
o Lampeter (Falcondale)	Mr. W. Taylor	5	1	0	498	..	47.85	220	182
m Yspytty-Ystwyth (Dolgroes) ...	The Meteorological Office .	5	1	0	780	..	55.60	..	..
4.—TOWY. 46 sq. mi.									
d Abergwesyn (Nantneuadd)	The Meteorological Office .	5	1	0	1000	..	64.09	..	154
m Tregaron (Maes-y-bettws)	The Meteorological Office .	5	1	0	910	..	56.95	..	..
5.—WYE. 15 sq. mi.									
m Birmingham W.W. (Llyn Gynon) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1500	..	72.30	..	..
m Birmingham W.W. (Bwlchyrendre) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1585	..	69.08	..	..
m Birmingham W.W. (Claerddu) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1470	..	74.00	..	..
m Birmingham W.W. (Gwngu) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1490	..	66.64	..	..
d Birmingham W.W. (Abergwngu) ..	F. W. Macaulay, Esq., C.E.	5	1	0	1150	..	71.25	..	207
m Plynlimon	The Meteorological Office .	5	1	0	1630	108.0	97.50	..	..
BRECON. (Area, 733 sq. mi.)									
1.—TOWY. 17 sq. mi.									
2.—TAFE. 41 sq. mi.									
o Ystradgynlais (Ynnyedwyn Ho.) ..	G. Coleman, Esq.	5	0	9	232	65.2	57.31	209	171
o Swansea W.W. (Nant-y-rwydd) ..	Major F. Hibbert, C.E. ..	5	0	10	908	90.8	83.66	227	212
3.—NEATH. 48 sq. mi.									
o Glyn Neath (P. Neath Vaughan) ..	Messrs. Curtis & Harvey, Ltd.	5	1	5	297	61.7	54.31	191	158
o Ystradfellte Reservoir	D. M. Davies, Esq., C.E. .	5	1	0	1147	85.4	80.12	216	186
4.—TAFF. 48 sq. mi.									
o Aberdare (Nanthir Reservoir) ..	O. Williams, Esq., C.E. ...	5	1	0	860	59.6	52.72	227	169
o Pontsticill (Penrhadwy)	Mrs. J. D. Griffiths .....	..	..	..	1250	..	55.11	204	176
o Taff Fechan (Pontsticill) No. 12 ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1031	..	53.36	216	187
m Taff Fechan (Pontsticill West) 14 ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1254	..	55.15	..	..
o Cardiff W.W. (Llwynon Res.) ..	N. J. Peters, Esq., C.E. ...	5	1	0	860	57.8	54.93	215	171
w Cardiff W.W. (Troedyrhiw) ..	N. J. Peters, Esq., C.E. ...	5	1	0	860	63.6	59.16	..	..
o Cardiff W.W. (Pont-ar-daf) ..	N. J. Peters, Esq., C.E. ...	5	1	0	850	64.8	60.50	219	178
w Cardiff W.W. (Garw-nant) ..	N. J. Peters, Esq., C.E. ...	5	1	0	1100	67.1	66.41	..	..
w Cardiff W.W. (Nant-Gwineu) ..	N. J. Peters, Esq., C.E. ...	5	1	0	1275	54.3	55.80	..	..
w Cardiff W.W. (Nant-y-gou-garn) ..	N. J. Peters, Esq., C.E. ...	5	1	0	..	72.0	70.06	..	..
o Taff Fechan (Pentwyn Res.) ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1120	..	66.17	237	197
o Taff Fechan (Pentwyn Res.) New ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1090	..	65.63	..	..
w Cardiff W.W. (Nant Goch) ..	N. J. Peters, Esq., C.E. ...	5	1	0	..	55.8	64.96	..	..
w Cardiff W.W. (Nant Ddu) ..	N. J. Peters, Esq., C.E. ...	5	1	0	1560	71.5	73.49	..	..
w Cardiff W.W. (Storey Arms) No. 4 ..	N. J. Peters, Esq., C.E. ...	5	1	0	1430	69.2	68.33	..	..
w Cardiff W.W. (Tyle Brith) No. 3 ..	N. J. Peters, Esq., C.E. ...	5	1	0	2350	73.2	72.87	..	..
o Cardiff W.W. (Cantref R.) No. 2 ..	N. J. Peters, Esq., C.E. ...	5	1	0	1120	70.1	70.80	223	193
o Cardiff W.W. (Beacons Res.) No. 6 ..	N. J. Peters, Esq., C.E. ...	5	1	0	1340	79.4	79.88	226	194
w Cardiff W.W. (Nant Penig) No. 3 ..	N. J. Peters, Esq., C.E. ...	5	1	0	2000	87.5	84.78	..	..
o Taff Fechan (Neuadd Rs.) No. 1 ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1462	70.3	76.10	238	200
o Taff Fechan (Neuadd Rs.) No. 1a ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1423	..	85.53	238	200
o Taff Fechan (Neuadd Rs.) No. 4 ..	T. F. Harvey, Esq., C.E. ...	5	1	0	1487	82.7	82.92	238	199

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

STATIONS.	AUTHORITIES.	Rain-gauge				1926		
		Diam.	Height of		Average	Rain-fall.	Days with	Days with
			Rim above	Ground above	Rain-fall.		'01 in. or more.	'04 in. or more.
			Ground.	Sea Level.				
BRECON—(con.).		in.	ft.	in.	ft.	in.		
4.—TAFF—(con.).								
D Taff Fechan (Neuadd Rs.) No. 11	T. F. Harvey, Esq., C.E.	5	1	0	1524	68.3	65.40	238 192
D Taff Fechan (Neuadd Rs.) No. 11	T. F. Harvey, Esq., C.E.	5	1	0	1520	..	81.62	238 201
M Taff Fechan (Neuadd Rs.) No. 2	T. F. Harvey, Esq., C.E.	5	1	0	1993	72.7	71.03	.. ..
M Taff Fechan (Neuadd Rs.) No. 5	T. F. Harvey, Esq., C.E.	5	1	0	1515	81.1	90.68	.. ..
M Taff Fechan (Neuadd Rs.) No. 10	T. F. Harvey, Esq., C.E.	5	1	0	1700	72.7	70.40	.. ..
M Taff Fechan (Neuadd Rs.) No. 3	T. F. Harvey, Esq., C.E.	5	1	0	1843	60.6	77.88	.. ..
M Taff Fechan (Neuadd Rs.) No. 7	T. F. Harvey, Esq., C.E.	5	1	0	2017	81.1	86.16	.. ..
M Taff Fechan (Neuadd Rs.) No. 8	T. F. Harvey, Esq., C.E.	5	1	0	1723	85.7	88.45	.. ..
M Taff Fechan (Neuadd Rs.) No. 8	T. F. Harvey, Esq., C.E.	5	1	0	1780	..	77.81	.. ..
M Taff Fechan (Neuadd Rs.) No. 6	T. F. Harvey, Esq., C.E.	5	1	0	2099	92.4	94.32	.. ..
5.—RHYMNEY. 2 sq. mi.								
6.—EBBW. 7 sq. mi.								
D Ebbw Vale W.W. (Llangunider)	P. I. Davies, Esq., C.E.	5	1	0	1413	58.8	52.71	184 172
D Ebbw V.W.W. (Llangunider) W 3	P. I. Davies, Esq., C.E.	5	1	0	1468	..	65.08	184 178
D Ebbw V.W.W. (Llang'nd'r) NW 2	P. I. Davies, Esq., C.E.	5	1	0	1471	..	62.14	184 178
D Ebbw Vale W.W. (Carno, S.)	P. I. Davies, Esq., C.E.	5	1	0	1236	..	53.41	180 167
D Ebbw Vale W.W. (Carno, E.)	P. I. Davies, Esq., C.E.	5	1	0	1391	..	51.82	180 165
D Ebbw Vale W.W. (Carno, W.)	P. I. Davies, Esq., C.E.	5	1	0	1412	..	54.26	180 166
D Ebbw Vale W.W. (Carno, N.)	P. I. Davies, Esq., C.E.	5	1	0	1533	..	52.45	180 166
7.—USK. 299 sq. mi.								
Torpantau (Darenfawr)	Newport Corporation	5	1	0	1172	..	66.85	.. ..
Torpantau (Ynysposte)	Newport Corporation	5	1	0	741	..	65.94	.. ..
Torpantau (Blaen-caer-fanell)	Newport Corporation	5	1	0	1584	..	71.75	.. ..
D Talybont (Pentir-rhiw)	Newport Corporation	5	1	0	587	..	53.88	206 168
Talybont (Pwll Ifor)	Newport Corporation	5	1	0	1224	..	64.06	.. ..
D Crickhowell Rectory	Rev. G. Roberts	5	1	0	320	..	38.08	173 145
D Crickhowell (Gwernvale)	E. Pirie Gordon, Esq.	5	1	0	393	..	38.72	193 152
D Crickhowell (Glanusk Park)	Major The Hon. W. R. Bailey	5	1	0	290	..	40.53	169 143
M Swansea W.W. (Cray Rs.) No. 2	Major F. Hibbert	5	1	0	1019	..	81.27	.. ..
D Swansea W.W. (Cray Rs.) No. 1 (+A)	Major F. Hibbert	5	1	0	1043	..	66.92	232 185
M Cray Post Office	The Meteorological Office	5	1	0	930	..	64.75	.. ..
M Talybont (Cwy Parc)	Col. H. R. Jones-Williams	5	1	6	480	..	47.50	.. ..
D Llanfrynach (Ty-mawr)	Miss M. D. de Winton	5	1	0	450	..	41.73	180 138
M Crickhowell (Cwmdu Rectory)	Rev. W. A. Davies	5	1	0	430	..	41.50	.. ..
M Crickhowell (Tal-y-maes)	The Meteorological Office	5	1	0	1250	..	48.30	.. ..
D Treacastle (Blaenau-hydfer)	The Meteorological Office	5	1	0	970	..	70.23	.. ..
D Brecon (Tairbull School)	I. L. Price, Esq.	5	1	0	660	52.0	49.71	208 176
D Brecon (Ffrwdgrech)	Capt. J. D. D. Evans	8	1	1	570	..	45.24	193 168
D Black Mountains (Blaen-y-cwm)	J. F. Jupp, Esq., C.E.	5	1	0	1423	..	55.54	215 185
D Black Mountains (Blaen-y-cwm)	J. F. Jupp, Esq., C.E.	5	1	0	1289	..	53.45	210 176
Black Mountains (Waun Fach)	J. F. Jupp, Esq., C.E.	5	1	0	2650	..	51.67	.. ..
Black Mts. (Cwm Grigus Uchaf)	J. F. Jupp, Esq., C.E.	5	1	0	1980	..	53.23	.. ..
D Black M. (Dam Site Grwyne Fawr)	J. F. Jupp, Esq., C.E.	5	1	0	1620	..	55.22	213 184
D Black Mountains (AberClyd) (+A)	J. F. Jupp, Esq., C.E.	5	1	0	1880	..	53.15	214 185
Black Mts. (Pen-y-Manillwyn)	J. F. Jupp, Esq., C.E.	5	1	0	2512	..	48.62	.. ..
Black Mts. (Taren-yr-Esgob)	J. F. Jupp, Esq., C.E.	5	1	0	2039	..	46.77	.. ..
Black Mts. (Twyn Tal-y-Cefn)	J. F. Jupp, Esq., C.E.	5	1	0	2130	..	46.10	.. ..
Black Mts. (Blaen Grwyne Fawr)	J. F. Jupp, Esq., C.E.	5	1	0	2550	..	46.06	.. ..
M Upper Chapel (Tymawr)	Mrs. Probert	5	1	0	945	46.9	46.90	.. ..

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
BRECON—(con.).		in.	ft.	in.	ft.	in.			
8.—WYE. 271 sq. mi.									
D Cathedine Rectory	The Meteorological Office ..	5	1	6	650	..	30·89	160	130
D Talgarth (Dan-y-garth)	F. Morgan, Esq.....	5	3	6	400	..	32·60	168	144
D Talgarth (Pontiwal Sanatorium) ..	Dr. H. E. Watson	5	0	10	500	..	33·24	227	158
D Llanwrtyd Wells (Brynonen) ..	Rhys D. Jones, Esq.....	5	1	0	700	54·2	59·34	234	185
D Builth Wells (Tyn-y-berllan) ..	Dr. W. Black Jones	5	1	0	425	38·1	37·35	188	152
M Abergwesyn (Trallwn)	The Meteorological Office ..	5	1	0	1000	..	71·50	..	..
M Newbridge (Pengraig)	The Meteorological Office ..	5	1	0	960	56·8	56·70	..	..
D Newbridge (Llysdinam)	Col. C. Venables Llewelyn ..	5	1	3	646	41·2	43·84	223	183
M Birm'gh'm W.W. (Cors-yr-hwch) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1775	..	84·19	..	..
M Birm'gh'm W.W. (Esgair Ceiliog) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1560	..	77·80	..	..
M Birm'gh'm W.W. (Llyn-Carw) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1775	..	77·35	..	..
M Birm'gh'm W.W. (Nant-y-car) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1545	..	74·44	..	..
M Birm'gh'm W.W. (Tyn-y-pant) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1320	63·2	59·20	..	..
M Birm'gh'm W.W. (Esgair Garthen) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1590	..	75·70	..	..
D Birm'gh'm W.W. (Elan Village) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	700	..	56·47	224	183
RADNOR. (Area, 474 sq. mi.)									
1.—WYE. 424 sq. mi.									
D Glasbury-on-Wye (Hampton Sc.) ..	Rev. D. C. Lloyd	5	1	0	274	33·9	31·12	172	142
D Builth (Cefndyrys)	Capt. E. A. Thomas	5	0	10	740	41·5	46·22	..	178
Builth Rd. (St. John's Vicarage) ..	Rev. Canon J. L. Bryans ..	5	1	0	550	41·9	44·54	228	168
D New Radnor (Harpton Crt. Gns) ..	Mr. C. W. Bowen	5	0	9	700	..	40·93	197	160
M New Radnor	John Langston, Esq.	5	1	4	720	44·1	41·83	..	..
D Llandrindod Wells	Rev. J. Ll. Herbert	5	1	0	699	39·3	42·89	224	170
D Presteign (Norton Manor Gdns) ..	Mr. J. Tipton	5	0	9	620	37·8	37·31	..	..
D Birmingham WW (Tyrmynydd) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	832	62·1	59·96	224	190
D Birmingham W.W. (Nantgwillt) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	840	63·2	59·26	227	187
M Birmingham W.W. (Dwfnant) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1050	67·8	68·45	..	..
M Birmingham WW (Esgair Gader) ..	2F. W. Macaulay, Esq., C.E. ..	5	1	0	1500	68·9	68·60	..	..
M Birmingham W.W. (Tynllidiart) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1006	..	66·46	..	..
D Birmingham W.W. (Claerwen) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1250	65·2	70·96	..	219
D Birmingham W.W. (Tynant) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1020	63·6	67·36	218	190
D Rhayader (Penralley)	E. D. Prothero, Esq.	5	1	0	757	48·5	44·99	211	166
M Bir'gham WW (Cerrigllwydion) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1710	74·8	70·08	..	..
M Birm'gham WW (Pen-y-gareg) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1500	55·2	55·80	..	..
M Birm'gham WW (Pen-y-gareg) ..	2F. W. Macaulay, Esq., C.E. ..	5	1	0	1540	43·9	57·11	..	..
M Birmingham W.W. (Calettwr) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1490	71·1	78·67	..	..
M Birmingham W.W. (Figin) No. 2F. ..	W. Macaulay, Esq., C.E. ..	5	1	0	1700	83·3	86·58	..	..
M Birmingham WW (Aberhenllan) ..	F. W. Macaulay, Esq., C.E. ..	5	1	0	1070	58·8	65·02	..	..
M Llanbister (Llananno)	The Meteorological Office ..	5	1	0	900	45·1	37·17	..	..
2.—SEVERN—Right Bank Tributaries. 50 sq. mi.									
MONTGOMERY. (Area, 797 sq. mi.)									
1.—DOVEY. 120 sq. mi.									
D Machynlleth (The Plas)	Mr. A. Gribble	5	1	0	41	..	56·31	208	199
2.—YSTWYTH. 7 sq. mi.									
3.—WYE. 37 sq. mi.									
D Llangurig (Dernol)	The Meteorological Office ..	5	1	0	870	61·5	56·42	233	217
4.—SEVERN—Right Bank Tributaries. 154 sq. mi.									
D Llandinam (Plas Dinam)	Mr. D. Bowen	5	1	0	436	37·4	40·87	194	172
D Newtown (Penarth Weir)	A. Turnbull, Esq.	8	1	0	321	35·0	36·37	192	154
D Montgomery (Oakfield)	Dr. R. E. Game Phillips ..	5	1	0	450	..	33·32	212	160
D Welshpool (Edderton Hall) ..	Miss A. M. Howell Evans ..	5	1	0	500	28·3	29·30	208	145

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926				
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.		
MONTGOMERY—(con.).						in.	ft.	in.	ft.	in.
5.—SEVERN—Left Bank Tributaries. 479 sq. mi.										
d Berriew (Brithdir Hall)	F. E. Marston, Esq.	5	2	6	350	30·7	30·31	173	131	
d Welshpool (County School)	John Ward, Esq.	5	1	0	254	30·1	27·82	183	135	
d Welshpool (Fron Llwyd)	Major G. B. D. Harrison	5	1	3	500	33·7	33·67	215	154	
m Garthbibio (Bwlch Tomlyd)	The Meteorological Office	5	1	0	1200	71·0	84·20	..	..
d Llandysilio Rectory	Rev. H. G. Dickinson	5	1	0	250	..	27·45	171	120	
d Lake Vyrnwy	J. E. Bradley, Esq.	5	0	7	770	54·0	60·49	175	165	
Lake Vyrnwy (Bryn Gwyn)	Col. J. R. Davidson, C.E.	8	1	0	1311	..	58·72	..	..
d Lake Vyrnwy (Bank Cynon Isaf)	Col. J. R. Davidson, C.E.	8	1	0	750	55·3	58·15	217	177	
Lake Vyrnwy (Ty Uchaf)	Col. J. R. Davidson, C.E.	8	1	0	860	..	59·04	..	..
Lake Vyrnwy (Heol-y-ffridd) 1	Col. J. R. Davidson, C.E.	8	1	0	913	..	71·07	..	..
Lake Vyrnwy (Heol-y-ffridd) 2	Col. J. R. Davidson, C.E.	8	1	0	830	..	68·75	..	..
Lake Vyrnwy (Tyn-y-ffridd)	Col. J. R. Davidson, C.E.	8	1	0	1010	..	60·24	..	..
Lake Vyrnwy (Lluestwen)	Col. J. R. Davidson, C.E.	8	1	0	1667	..	71·19	..	..
Lake Vyrnwy (Llwynrhiw)	Col. J. R. Davidson, C.E.	8	1	0	1428	..	81·93	..	..
Lake Vyrnwy (Craig-y-Gribbin)	Col. J. R. Davidson, C.E.	8	1	0	1422	..	64·59	..	..
Lake Vyrnwy (Eunant Bridge)	Col. J. R. Davidson, C.E.	8	1	0	830	..	75·92	..	..
Lake Vyrnwy (Carreg Goch)	Col. J. R. Davidson, C.E.	8	1	0	1750	..	69·09	..	..
Lake Vyrnwy (Fawnog)	Col. J. R. Davidson, C.E.	8	1	0	1315	55·7	59·02	..	..
FLINT. (Area, 256 sq. mi.)										
1.—DEE. 198 sq. mi.										
d Hanmer (Gredington)	Lord Kenyon, K.C.V.O.	5	1	0	300	30·4	30·17	171	137	
d Overton (Fairleigh)	Dr. B. J. E. Wright	5	1	8	220	26·8	27·62	191	126	
w Buckley (Hawarden W. W.)	W. Simmons, Esq.	5	1	0	540	28·7	30·42	..	..
d Cilcain (Hawarden W. W.)	W. Simmons, Esq.	5	1	0	790	..	26·83	205	128	
d Northop (Soughton Hall)	Lord Justice Bankes	5	1	0	418	32·1	32·57	158	142	
Cilcain (Cilcen Hall)	W. B. Yates, Esq., C.B.E.	5	0	7	680	29·7	27·62	170	124	
d Hawarden Bridge	Messrs. J. Summers & Sons	8	1	3	22	25·8	27·92	176	127	
d Sealand* Aerodrome	(+A) The Meteorological Office	5	1	0	16	..	28·86	174	132	
d Mostyn Vicarage	Rev. W. Vaughan-Jones	5	1	0	100	33·2	32·34	198	129	
2.—CLWYD. 51 sq. mi.										
d Bodfari (Nantlys)	D. F. Pennant, Esq., D.L.	5	1	5	178	27·4	26·41	..	115	
d Bodfari (Cae Gwyn)	Mrs. Morgan	5	1	0	534	30·8	25·53	176	124	
d Dyserth Castle	J. B. Price, Esq.	5	0	6	350	..	25·84	..	..
d Rhyl (Sewage Works)	A. A. Goodall, Esq.	8	1	0	30	25·3	26·64	180	128	
3.—SEVERN—Left Bank Tributaries. 7 sq. mi.										
DENBIGH. (Area, 668 sq. mi.)										
1.—DEE. 278 sq. mi.										
Glynceiriog (Plas Nantyr)	C. B. C. Storey, Esq.	6	1	0	1450	..	45·07	..	..
Glynceiriog (Plas Nantyr)	C. B. C. Storey, Esq.	5	1	0	1200	..	47·12	..	..
d Chirk Castle Gardens	Lord Howard de Walden	5	1	0	630	..	33·53	158	136	
d Ruabon (Trevor Hall)	E. Lloyd Edwards, Esq.	5	1	0	500	30·9	33·52	169	149	
d Wrexham W. W. (Ty Mawr Res.)	F. Storr, Esq., C.E.	5	0	9	805	39·1	32·55	207	138	
d Wrexham W. W. (Pack Saddle Res.)	F. Storr, Esq., C.E.	5	0	9	376	32·0	31·63	220	154	
d Wrexham W. W. (Cae Llwyd Res.)	F. Storr, Esq., C.E.	8	0	9	918	41·1	36·04	206	150	
d Wrexham W. W. (Cae Llwyd Res.)	F. Storr, Esq., C.E.	5	0	9	918	40·5	32·54	206	137	
d Wrexham W. W. (Plas Power Coll.)	W. W. Potts, Esq.	5	22	0	517	30·1	29·76	179	138	

* Formerly called Shotwick.

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
DENBIGH—(con.).		in.	ft.	in.	ft.	in.		
1.—DEE—(con.).								
d Wrexham (Victoria School)	J. Davies, Esq.	5	1	0	500	..	25·94	..
d Brymbo (Pentre Broughton Schl.)	D. E. Rees, Esq.	5	1	0	680	..	26·76	..
d Wrexham (Beechley Road)	O. L. Jones, Esq.	2	0	6	278	..	29·27	144 123
d Llanfihangel-glyn-myfyr	R. F. Baker, Esq., C.E.	5	1	0	898	..	43·67	184 173
d R. Alwen (Alwen Dam)	R. F. Baker, Esq., C.E.	5	1	0	1189	..	50·50	218 186
d R. Alwen (Hafod-llan-isaf) No. 2	R. F. Baker, Esq., C.E.	5	1	0	1172	39·2	40·21	218 173
d R. Alwen (Hafod-llan-isaf) No. 3	R. F. Baker, Esq., C.E.	5	1	0	1169	36·8	39·43	217 174
Pentre Voelas (Nant Heilyn)	R. F. Baker, Esq., C.E.	5	1	0	1225	..	48·94	..
d R. Brenig (Hafod-yr-Onen)	R. F. Baker, Esq., C.E.	5	1	0	1175	..	42·88	214 183
m Nantglyn (Pant-y-maen)	R. F. Baker, Esq., C.E.	8	1	0	1320	..	53·27	..
m Llyn Bran	R. F. Baker, Esq., C.E.	8	1	0	1428	..	53·05	..
2.—CLWYD & C. 267 sq. mi.								
Derwen (Ty Cerrig)	Edgar Billson, Esq.	5	1	3	1030	..	36·51	..
d Pentre Celyn Council School	E. E. Davies, Esq.	5	1	0	400	30·1	34·74	172 135
d Clawdd-newydd	R. F. Baker, Esq., C.E.	5	1	0	1004	..	33·89	.. 111
d Gyffylliog (Fachlwyd Hall)	Ehott S. Currey, Esq.	5	1	0	640	38·1	37·38	210 166
d Ruthin (Bodangharad)	F. S. Smith, Esq.	5	0	11	635	31·6	30·61	192 139
d Ruthin (Bwlch Tunnel)	R. F. Baker, Esq., C.E.	5	1	0	908	..	34·34	209 132
d Llangynhafal (Plâs Drâw)	Major R. Bromhead	5	1	0	419	31·1	33·82	214 144
d Gwytherin Council School	C. E. Jones, Esq.	5	1	1	730	50·1	44·87	..
d Denbigh (Mental Hospital)	W. Barker, Esq.	4	1	0	316	..	32·17	174 143
d Denbigh (Garn)	W. D. W. Griffith, Esq.	5	1	0	447	32·7	34·13	197 140
d Trefnant (Trinity School)	F. Rees, Esq.	5	1	6	240	..	30·26	..
m Llanefydd (Rhyf W.W., S.)	O. P. Cronshaw, Esq.	5	1	0	600	..	32·56	..
m Llanefydd (Rhyf W.W., W.)	O. P. Cronshaw, Esq.	5	1	0	580	..	26·95	..
d Llanefydd (Plas Uchaf Res.)	O. P. Cronshaw, Esq.	5	1	0	485	..	30·21	196 137
d Llanefydd (Glascoed Res.)	O. P. Cronshaw, Esq.	5	1	0	360	..	29·46	203 143
d Llanrhaiadr (Plas Llangwyfan)	J. R. Lloyd, Esq.	5	2	0	460	..	27·69	165 133
St. Asaph (Wygfair)	(R) Col. H. C. L. Howard, D.S.O.	8	2	4	250	..	26·77	..
Abergele (Sea Road)	Sydney Wilson, Esq.	5	1	0	25	28·4	25·12	..
d Colwyn Bay (Council Offices)	W. J. Dunning, Esq., C.E.	5	1	0	81	..	29·44	182 141
3.—CONWAY—4 sq. mi.								
d Pentre Foelas (Voelas Hall)	Mr. T. N. Dickie	5	1	6	640	..	54·76	200 173
d Bettws-y-Coed (Rhydycrwna)	Mrs. G. Bovill	5	1	0	50	..	52·85	221 172
d Llanrwst (Elwydene)	W. R. Martin, Esq.	5	1	4	10	..	49·09	.. 145
4.—SEVERN—Left Bank Tributaries. 47 sq. mi.								
d Llanrhaiadr-yn-Mochnant	David F. Jones, Esq.	5	1	0	512	41·2	38·25	204 153
d Llansilin (Penygwely Res.)	G. W. Lacey, Esq., C.E.	5	1	0	1095	..	39·34	216 169
MERIONETH. (Area, 661 sq. mi.)								
1.—DEE. 218 sq. mi.								
1 Bala (Eryl Aran)	Mrs. Burton	9	1	0	600	54·6	56·45	205 187
Llanderfel (Palé Gardens)	Mr. E. J. Edwards	8	1	0	606	48·2	51·65	206 183
Corwen (Rûg Gardens)	Col. R. Vaughan Wynn	8	1	2	600	..	38·05	233 161
2.—CLWYD. 7 sq. mi.								
3.—GLASLYN. 92 sq. mi.								
* d Minffordd (Hafod-Caencaen)	G. H. C. Haigh, Esq.	5	1	0	100	50·5	49·66	230 179
d Tan-y-bwlch (Plas Gardens)	Mr. F. W. Dawe	5	1	0	55	..	62·84	219 182
d Tan-y-bwlch (Dol-y-Moch)	Mrs. Howland Jackson	5	0	6	55	..	60·90	198 173
d Festiniog (Hafod Fawr)	Office of Woods	8	1	0	900	74·6	76·57	215 203
d Blaenau Festiniog (Oakeley Q.) J. Lloyd Humphreys, Esq.	.. . . .	5	0	10	1100	97·1	103·70	..
d Blaenau Festiniog (Llechwedd Q.) Messrs. J. W. Greaves & Sons	.. . . .	5	1	0	700	..	104·51	251 203

* Formerly called Penrhyndeudraeth.

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

STATIONS	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
MERIONETH—(con.).									
4.—MAWDDACH & C. 262 sq. mi.									
d Towyn (Ynys-v-Maengwyn)	R. Corbett, Esq.	5	1	0	14	..	43·88	192	163
d Towyn (Bronffynnon)	Dr. T. Henry Jones	5	1	0	180	44·2	40·42	209	160
d Towyn (Peniarth)	Mrs. Wynne	8	1	0	25	..	49·09	205	174
d Tal-y-llyn Rectory	Rev. J. Pryce Jones	5	0	11	290	..	67·47	190	166
d Dolgelly (Dol'rhyd)	Col. P. H. Enthoven, D.L.	5	0	9	100	..	59·06	241	188
d Dolgelly (Bryntirion)	E. P. Beale, Esq.	5	0	10	50	58·8	57·54	224	190
d Dyffryn (Berwyn Garage)	J. Griffiths, Esq.	5	1	0	120	..	41·30	229	149
d Trawsfynydd Camp	E. Jones, Esq.	5	1	0	800	67·0	63·57	196	178
5.—DOVEY. 82 sq. mi.									
d Aberdovey (Plas Penhelig)	J. M. Howell, Esq., D.L.	5	1	0	120	..	38·46	..	..
d Pennal (Talgarth Hall)	Mrs. F. Gott, J. P.	5	1	0	125	..	55·75	152	148
Dinas Mawddwy (Dol. Hall)	Sydney Wiison, Esq.	5	1	0	250	65·2	76·07	..	..
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	..	92·01	..	..
m Lake Cowlyd (Ffrith Fawr)	cC. F. Farrington, Esq., C.E.	5	1	0	1700	..	82·27	..	..
m L. Cowlyd (Ffrith Carreg Wen) AC. F. Farrington, Esq., C.E.		5	1	0	1168	..	81·63	..	..
d Trefriw Wells	C. P. Adamson, Esq.	5	1	0	25	..	48·20	177	152
d Lake Eigiau (Dam Site)	(+A) Aluminium Corporation, Ltd.	5	1	5	1244	..	70·36	227	184
w Llanbedr-y-Cennin (Plasdulyn) W. T. Ward, Esq., C.E.		8	1	0	509	..	53·45	..	..
d Tyn-y-Groes (Roe Wen)	Albert Wilson, Esq.	5	1	0	140	..	40·74	215	161
d Conway (Castle Bank)	W. Rhodes, Esq.	5	1	0	50	..	28·77	..	..
* Deganwy (Y Berlfa)	Willoughby Gardner, Esq.	5	1	0	35	..	30·05	..	..
d Llandudno (Glanwydden School) Thomas Roberts, Esq.		5	2	0	28	28·7	26·21	188	139
d Llandudno	E. R. Williams, Esq.	5	1	0	13	..	27·06	189	122
3.—MENAI STRAITS. 221 sq. mi.									
d Madryn Castle (Farm School)	J. Hines, Esq.	5	1	0	278	39·0	45·08	228	172
Llanaelhaiarn (Cl. School)	J. Hughes, Esq.	5	0	6	300 ?	51·6	57·57	..	..
d Llanllyfni (Bryn Aeron Sch.)	L. Parry, Esq.	5	1	0	150	47·6	45·26	..	..
d Pen-y-groes (Nebo School)	Elias Thomas, Esq.	5	1	0	700	73·6	61·57	244	182
Nantlle (Dorothea Quarries)	W. J. Griffith, Esq.	8	60	0	400	..	61·45	..	..
Llandwrog (Glynllivon Park)	Hon. F. G. Wynn	5	1	0	100	40·7	42·44	..	..
Llandwrog (Glynllivon Nursery) Hon. F. G. Wynn		5	1	0	90	..	45·05	198	148
Llandwrog (Glynllivon Garden) Hon. F. G. Wynn		5	1	0	100	..	44·71	208	176
Llandwrog (Glynllivon Fort)	Hon. F. G. Wynn	5	1	0	200	..	43·67	..	..
d Bettws Garmon	Rev. T. C. V. Bastow	5	1	0	414	64·4	62·02	222	168
Carnarvon (Belan Fort) Hon. F. G. Wynn									
Lake Ogwen	R. Hughes, Esq.	5	1	0	1006	33·9	33·10	..	..
d Llanbeblig (Cefn Rhos)	Miss A. Preece	8	1	0	..	..	84·69	..	..
Llanberis (Brynrefail School)	Gwilym Jones, Esq.	6	1	3	360	..	39·60	213	160
d Llanberis (Llandinorwig School) John Roberts, Esq.		5	1	3	850	..	54·03	213	..
d Bethesda (St. Ann's Vicarage)	Rev. W. Morgan	5	1	6	500	..	57·39	..	..
d Bethesda (Penrhyn Quarries)	W. D. Hobson, Esq.	5	1	6	500	..	55·95	223	173
d Bangor (Penrhyn Castle Gdns.) Mr. J. Kneller		8	1	0	527	..	57·96	217	179
d Bangor (Town Hall)	Water Engineer & Surveyor	5	1	0	150	..	36·66	196	154
d Aber (University Coll. Farm)	Prof. R. G. White	8	1	6	50	..	37·58	161	144
d Llanfairfechan	Mr. W. Timmins	5	1	0	80	..	36·34	151	133
d Penmaenmawr (Glan-y-Coed)	W. H. Brady, Esq.	5	1	0	103	37·9	36·78	178	144
		5	3	0	100	..	35·22	164	142

* Previous to 1916 records were obtained from a mechanical gauge.

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

STATIONS.	AUTHORITIES.	Rain-gauge					1926		
		Diam.	Height of		Average Rain-fall.	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.	
			Rim above Ground.	Ground above Sea Level.					
CARNARVON—(con.).		in.	ft.	in.	ft.	in.	in.		
4.—ERCH & C. 155 sq. mi.									
d Abersoch.....	Lady Winterbotham.....	8	1	0	100	44·3	42·50	194	157
d Pwllheli (Bodfean Hall)	Hon. F. G. Wynn.....	5	1	0	180	43·7	42·23	..	..
d Pwllheli (Bodfean Hall Gdns.)	Hon. F. G. Wynn.....	5	3	9	180	43·2	41·84	190	153
5.—GLASLYN. 50 sq. mi.									
d Portmadoc (Wern)	R. M. Greaves, Esq.	5	1	0	90	..	50·52	225	177
d Beddgelert (Co. School)	D. Jones, Esq.	5	1	2	133	..	92·05	..	..
d Snowdon (Wenallt)	No. 6 Aluminium Corpn., Ltd. ..	5	1	2	1050	..	138·00	..	..
d Snowdon (Cwm Dyli)	No. 11 Aluminium Corpn., Ltd. ..	5	1	0	310	..	118·93	238	204
d Snowdon (Cwm Dyli, Old Rd.)	14 Aluminium Corpn., Ltd. ..	5	0	10	325	..	108·35	..	..
d Snowdon (Llewedd)	No. 2 Aluminium Corpn., Ltd. ..	5	1	3	1485	..	122·13	..	..
m Snowdon (Delta)	No. 7 Aluminium Corpn., Ltd. ..	5	1	0	1435	..	168·43	..	..
m Snowdon (Glaslyn)	No. 3 Aluminium Corpn., Ltd. ..	5	0	8	2050	..	150·23	..	..
m Snowdon (Teyrn)	No. 1 Aluminium Corpn., Ltd. ..	5	1	0	1080	..	147·15	..	..
d Snowdon (Llydaw Intake)	10 Aluminium Corpn., Ltd. ..	5	1	0	1480	..	147·40	210	187
d Snowdon (Llydaw Copper M.)	9 Aluminium Corpn., Ltd. ..	5	1	5	1480	..	151·89	..	..
m Snowdon (Llyn Llydaw)	No. 5 Aluminium Corpn., Ltd. ..	5	1	0	1470	..	134·07	..	..
m Snowdon (Crib Goch)	No. 8 Aluminium Corpn., Ltd. ..	5	1	3	2340	..	179·45	..	..
ANGLESEY. (Area, 275 sq. mi.)									
d Llangadwaladr (Bodorgan)	Mr. W. Pilgrim	5	1	0	100	37·5	36·17	204	158
d Llanfaelog	H. S. Lowe, Esq.....	5	1	0	50	32·0	28·70	..	..
d Llangefni (Fronhenlog)	A. H. Withinshaw, Esq. ..	5	1	0	125	..	37·39	174	153
d Beaumaris (Fryars)	Mrs. Burton	10	2	0	20	37·4	36·28	..	..
d Llangwlllog (Trescawen)	Mrs. Pritchard-Rayner ..	5	1	0	239	42·2	38·79	196	168
d Bodedern (Presaddfed)	Lt.-Col. W. A. Fox-Pitt ..	5	1	0	150	38·9	35·90	202	164
d Holyhead (Salt Island)	(+A) The Meteorological Office .	8	1	0	25	34·8	30·43	182	132
d Llanerchymedd (Llwydiarth Esb.)	Miss Prichard	5	1	6	175	38·1	36·71	191	154
d Penrhosligwy School	T. Rowlands, Esq.	5	3	0	140	39·9	32·22	175	136
d Lligwy	Lord Boston	6	1	0	170	34·6	32·45	190	144
d Amlwch (Dyffryn Adda)	Major T. Fanning Evans .	5	1	3	178	36·3	34·34	188	147
ISLE OF MAN. (Area, 227 sq. mi.)									
d Castletown (Langness)	Com'rs. of N. Lighth's ...	5	1	9	38	..	29·00	..	140
d Santan Vicarage	Rev. R. Jones	5	1	0	245	..	35·76	179	137
d Douglas (Borough Cemetery)	H. A. Bridge, Esq.	8	1	0	284	41·2	38·74	205	151
d Douglas (Clype Res., Onchan)	H. A. Bridge, Esq.	8	1	0	440	43·9	39·68	211	154
d Baldwin Reservoir	H. A. Bridge, Esq.	8	0	8	480	..	44·42	205	157
d Maughold Head	Com'rs. of N. Lighth's. .	5	0	6	230	..	42·92	..	..
d Ramsey (Town Hall)	G. W. Kewin, Esq.	8	15	0	18	..	40·15	191	141
d Ramsey (North Promenade)	G. W. Kewin, Esq.	5	2	0	5	..	39·43	198	143
CHANNEL ISLANDS. (Area, 76 sq. mi.)									
JERSEY. 45 sq. mi.									
d Pontac (St. Edmunds)	Dr. E. G. Barnes	5	1	6	30	..	30·07	193	128
d St. Heliers (Harbour Office)	Harbour Master	8	0	10	28	..	31·45	174	129
d Grouville	L. de C. Malet, Esq.	5	1	6	70	..	34·52	172	133
d St. Brelade (La Sergente)	J. E. Le Boutillier, Esq. ..	5	1	4	194	..	31·77	181	131
d St. Aubins (Belle Vue)	C. J. Sumner, Esq.	5	1	2	220	..	32·77	189	137
d St. Saviours (Beauvoir)	Capt. G. T. Robin	5	0	10	200	..	30·63	187	135
d St. Lawrence (Little Grove)	R. E. B. Voisin, Esq. .	5	1	0	60	..	33·55	186	134
d Millbrook (St. Helier W.W.)	A. J. Jenkins, Esq., C.E. .	5	0	11	53	..	34·07	182	134
d St. Ouen's Manor	R. Malet de Carteret, Esq.	5	2	6	270	..	33·39	176	140
d Trinity Rectory	Rev. S. T. Gruchy	5	2	6	375	..	33·91	214	138

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
CHANNEL ISLANDS—(con.).		in.	ft.	in.	ft.	in.		
GUERNSEY. 25 sq. mi.								
d St. Peter in the Wood (Hawthorns)	L. J. Nicolle, Esq.	5	1	0	100	..	28·96	164 135
d St. Martin's (Les Blanchés)	B. T. Rowswell, Esq.	5	1	0	309	..	36·03	192 156
d St. Martin's Rectory	Rev. R. Coulthard	5	1	0	310	..	36·04	196 148
d St. Martin's (Hautnez)	A. A. Allain, Esq., C.E. ..	5	0	8	336	..	36·63	193 146
d Fort Road (La Cotte)	Major S. Carey Curtis.	5	1	0	285	..	35·78	187 140
d Villiaze	A. A. Allain, Esq., C.E. ..	5	0	6	302	..	36·08	190 141
d St. Andrew (Vauxbelets Col.)	The Director	5	1	1	200	..	30·71	164 135
d St. Peter Port (Grange Road)	H. Vere Miles, Esq.	5	1	0	175	33·2	38·00	187 148
d St. Peter Port (Market Street)	B. T. Rowswell, Esq.	5	52	8	99	..	37·41	182 143
d Castel (King's Mills)	A. A. Allain, Esq., C.E. ..	5	2	0	47	..	36·36	186 143
d Rohais (Colborne Villa)	T. J. Guilbert, Esq., C.E. .	5	1	0	116	..	36·18	191 143
d Menheniot Vineries	Major H. Roper	5	1	1	97	..	38·28	184 147
SARK. 2 sq. mi.								
d Pointe Robert	B. T. Rowswell, Esq.	5	1	0	214	..	31·51	180 138
HERM. 1 sq. mi.								
d Herm	Sir Percival Perry	5	1	3	8	..	30·29	.. ..
ALDERNEY. 3 sq. mi.								
d St. Anne (Gros Nez House)	B. T. Rowswell, Esq.	5	1	0	214	..	34·50	171 142

SCOTLAND.

DIVISION XII.—SOUTHERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		Ground		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.	Sea Level.					
WIGTOWN. (Area, 488 sq. mi.)									
		in.	ft.	in.	ft.	in.	in.		
1.—LOCH RYAN. 46 sq. mi.									
2.—WESTERN GALLOWAY. 44 sq. mi.									
Logan House	K. McDouall, Esq.	8	1	0	80	..	39·08	223	167
Corsewall	Com'rs. of N. Lighth's.	8	4	1	48	..	42·81	173	162
3.—LUCE BAY. 186 sq. mi.									
Port William (Monreith)	Major R. F. Brebner	5	0	5	145	..	40·85	217	160
Stoneykirk (Ardwell House) ..	Sir E. Orde Stewart, Bt.	8	3	0	65	36·3	38·39	221	161
New Luce (Public School)	Jerome Wallace, Esq.	5	1	1	180	..	55·99	224	179
4.—CREE & WIGTOWN BAY. 212 sq. mi.									
Whithorn (Physgill)	F. B. Hopkins, Esq.	5	1	0	170	..	40·66	213	158
Whithorn (Glasserton)	Adm. Johnston Stewart, C.B.	5	1	0	225	..	42·26	210	157
Garliestown (Galloway House) ..	T. M. Logan, Esq.	5	1	6	30	39·1	40·71	177	148
Kirkcowan (Craighlaw)	Major W. M. F. Hamilton.	5	0	9	300	..	51·60	210	173
KIRKCUDBRIGHT. (Area, 902 sq. mi.)									
1.—DOON. 16 sq. mi.									
2.—CREE & WIGTOWN BAY. 222 sq. mi.									
Borgue (Knockbex)	J. Douglas Brown, Esq. ..	5	1	0	10	..	41·48	206	162
Little Ross Lighthouse.	Com'rs. of N. Lighthouses ..	8	4	8	136	..	34·48	..	..
3.—DEE. 377 sq. mi.									
Mossdale (Hensol)	Mrs. Cuninghame	8	1	0	200	..	54·97	234	173
Dalry (Glendarroch)	Miss M. Barbour	5	0	11	192	54·5	57·89	223	183
Dalry (Garroch)	Arthur Young, Esq.	8	1	3	250	..	63·22	207	187
Dalry (Forrest Lodge)	Sir John Wood, Bart., M.P.	5	1	0	500	..	67·15	204	181
Carsphairn (Shiel)	Mr. S. Wilson	5	1	0	850	..	77·22	234	205
Carsphairn (Knockgray)	Miss Clark Kennedy	8	1	0	641	..	58·63	247	194
4.—URR & C. 196 sq. mi.									
Auchencairn (Torr House)	Thomas Ovens, Esq.	5	0	8	50	47·1	51·27	..	..
Dalbeattie (Kirkennan)	Wellwood Maxwell, Esq. ..	5	0	9	30	..	50·88	213	167
Dalbeattie (Drumstinchall)	Mrs. R. F. Hanbury	8	0	11	400	..	50·29	210	172
Dalbeattie (Richorn Wood)	Miss E. McNae	5	1	0	54	..	45·78	195	146
5.—NITH & C. 91 sq. mi.									
Dumfries (Cargen)	Col. R. F. Dudgeon	5	0	10	85	44·8	51·62	220	168
Lochrutton (Dumfries W.W.) ..	J. Smellie, Esq.	5	1	0	273	..	52·77	244	175
Dumfries (Linchuden House) ..	Miss P. A. Young, M.B.E.	5	1	0	60	..	45·76	206	161

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.			Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
DUMFRIES. (Area, 1074 sq. mi.)		in.	ft.	in.	ft.	in.	in.		
1.—CLYDE—Right Bank Tributaries. 5 sq. mi.									
2.—URR. 6 sq. mi.									
3.—NITH & C. 421 sq. mi.									
D Ruthwell (Comlongon Castle) ..	Earl of Mansfield	5	1	0	67	..	40·54	204	150
D Mouswald (Schoolhouse)	Jas. F. Young	8	0	9	60	..	55·72	214	172
D Dumfries (Crichton Roy. Inst.) ..	C. C. Easterbrook, Esq., M.D.	5	1	0	140	36·8	41·31	192	143
D Aimsfield (Glenae)	H. Sharpe Gordon, Esq., O.B.E.	5	0	11	300	..	46·46	191	152
D Moniaive (Glencrosh)	Miss Macmillan	5	1	1	400	..	53·14	207	169
Moniaive (Maxwelton House) ..	Sir Claude V. E. Laurie, Bt.	5	1	3	400	..	49·09	..	..
4.—ANNAN. 367 sq. mi.									
Dalton (Whitecroft)	W. Maitland-Heriot, Esq.	5	0	6	240	..	46·53	216	172
D Moffat (St. Ninians)	J. C. Rowley, Esq.	8	1	6	400	..	52·27	204	165
D Dalton (Kirkwood)	late Arthur J. Steel, Esq.	5	0	8	245	..	53·56	260	173
D Lockerbie (Castle Milk)	Mr. David McIntosh	5	1	6	199	..	51·43	240	170
D Lockerbie (Thornbank)	W. Murdoch, Esq.	10	3	0	259	..	41·78	..	..
D Lochmaben (Esthwaite)	W. J. Halliday, Esq., M.B.E.	5	1	0	166	..	47·40	226	170
5.—ESK. 275 sq. mi.									
D Canonbie (Byreburnfoot)	Mr. David Crabbe	3	0	9	160	42·1	49·75	..	..
D Canonbie (Irvine House)	J. H. Milne Home, Esq.	5	0	9	200	..	57·69	225	125
D Langholm (Broomholm)	W. C. Everley Taylor, Esq.	5	1	0	266	..	58·28	224	181
D Langholm (Drove Road)	Mrs. Jackson	5	0	9	270	..	61·14	207	179
Langholm (Ewes, Sandyhaugh) ..	Mrs. Lyall	5	1	0	445	..	64·89	..	..
D Eskdalemuir Observatory (+A) ..	The Meteorological Office ..	8	1	4	794	..	67·48	235	182
ROXBURGH. (Area, 666 sq. mi.)									
1.—NORTH TYNE. 6 sq. mi.									
2.—TWEED LOWER—Right Bank Tributaries. 57 sq. mi.									
D Kelso (Lempitlaw)	J. Stirling, Esq.	5	1	0	635	..	35·86	190	151
3.—TWEED—Teviot & c. 431 sq. mi.									
D Hawick (Wolfelee)	Capt. Paton	5	0	10	537	37·6	40·48	225	170
D Hawick (Branxholme)	J. G. Winning, Esq.	5	0	6	457	33·4	36·98	220	159
D Robertson Manse	Rev. A. E. McInnes	5	2	0	730	..	38·93	189	159
D Denholm (Spital Tower)	T. G. Leadbetter, Esq.	5	0	9	410	..	35·81	228	155
D Jedburgh (Jedneuk)	T. Yool, Esq.	5	1	0	271	..	28·96	202	140
D Ancrum (Monteviot)	Bertram Talbot, Esq.	5	2	6	250	..	32·26	211	153
D St. Boswells (The Fens)	J. J. Fairbairn, Esq.	5	1	6	260	28·0	28·32	..	..
St. Boswells (Monksford)	Lt.-Col. A. Mitchell	5	0	11	320	..	32·13	..	..
D Kelso (Springwood Park)	Mr. W. Chaplin	5	1	0	130	..	32·12	185	139
4.—TWEED—Ettrick & c. 10 sq. mi.									
D Melrose (Asylum) gauge A	T. C. Mitchell, Esq.	5	0	6	480	..	36·88	216	158
D Melrose (Asylum) gauge B	T. C. Mitchell, Esq.	5	1	0	480	..	35·24	216	158
5.—TWEED—Gala. 6 sq. mi.									
6.—TWEED—Leader & c. 25 sq. mi.									
D Melrose (Drygrange)	A. T. Roberts, Esq.	5	1	0	360	..	29·21	206	148
7.—TWEED, LOWER—Left Bank Tributaries. 25 sq. mi.									
D Kelso (Broomlands)	J. C. Scott, Esq.	5	1	0	195	26·0	29·95	198	138
8.—ESK. 106 sq. mi.									
Newcastleton Forest	Forestry Commission	5	1	0	700	..	54·75	..	..

DIVISION XIII.—SOUTH-EASTERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain- fall.	1926		
		Diam.	Height of		Ground above Sea Level.	in.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
in.	ft.	in.	ft.	in.			in			
SELKIRK. (Area, 268 sq. mi.)										
1.—TWEED—Teviot & c. 34 sq. mi.										
Selkirk (Whitmuir Hall)	Major A. G. Cowan	5	1	0	800	..	40·74	..	..
2.—TWEED—Ettrick & c. 192 sq. mi.										
D Ettrick Manse	Rev. A. Horn.	5	1	0	796	..	64·27	247	199	
M Edinburgh W.W.(Meggat Hd.)	1 Messrs. Leslie & Reid, C.E.	5	1	3	1496	..	54·68	..	..
Selkirk (Lindean Reservoir)	S. Pittillo, Esq.	5	1	0	900	..	36·27	..	..
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	..	37·64	198	162	
Galashiels (The Peel Clovenfords)	W. R. Ovens, Esq.	5	1	0	450	..	40·69	..	..
D Galashiels (Abbotsford Road)	Dr. J. W. Somerville	5	0	9	416	..	40·46	202	149	
5.—TWEED—Gala. 6 sq. mi.										
PEEBLES. (Area, 348 sq. mi.)										
1.—TWEED, UPPER—Right Bank Tributaries. 127 sq. mi.										
M Edin. WW (Ravenscraig)	3 Messrs. Leslie & Reid, C.E.	5	1	3	2258	..	87·65	..	..
M Edin. WW (Gameshope Loch)	4 Messrs. Leslie & Reid, C.E.	5	1	3	1860	..	72·39	..	..
M Edin. WW (Loch Craig Head)	2 Messrs. Leslie & Reid, C.E.	5	1	0	2627	..	61·39	..	..
M Edin. WW (Gameshope Farm)	5 Messrs. Leslie & Reid, C.E.	5	1	3	1538	..	67·29	..	..
M Edin. WW (Talla Linns Foot)	6 Messrs. Leslie & Reid, C.E.	8	1	3	966	..	67·25	..	..
M Edin. WW (Quarter Hill)	7 Messrs. Leslie & Reid, C.E.	8	1	3	1196	..	52·57	..	..
D Edin. WW (Victoria Lodge)	8 Messrs. Leslie & Reid, C.E.	5	1	3	900	..	56·63	222	192	
2.—TWEED, UPPER—Left Bank Tributaries. 192 sq. mi.										
Stobo Castle	Major J. Ainslie.	5	1	0	594	..	42·22	230	176	
D Dolphinton (Castle Craig)	James Mann, Esq.	5	0	10	820	..	41·89	233	194	
D West Linton (Woodlea Cottage)	Messrs. Leslie & Reid, C.E.	5	1	0	801	..	38·43	257	179	
D West Linton (Taieri)	W. Mackie, Esq.	5	1	0	770	..	43·98	288	186	
3.—ESK. 23 sq. mi.										
D Eddlestone (Portmore Res.)	Messrs. Leslie & Reid, C.E.	11	1	0	1000	..	41·56	255	175	
M Carlops (North Esk Res.)	Mr. W. Nimmo Tod	5	1	0	1150	..	39·75	..	..
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	..	33·73	193	156	
M Lauder (Burncastle)	J. G. S. Turnbull, Esq.	5	1	0	900	..	34·81	..	..
M Earnsclough Burn (Blythe Rig)	J. G. S. Turnbull, Esq.	5	1	0	1200	..	41·96	..	..
3.—TWEED, LOWER—Left Bank Tributaries. 115 sq. mi.										
Coldstream (Lochton)	J. Aitchison, Esq.	5	1	0	151	..	31·07	..	..
D Coldstream (The Hirsell)	Mr. D. Black	5	1	4	130	25·6	31·89	188	134	
D Swinton House Snowdon (+ A)	Rev. A. E. Swinton	5	1	0	200	..	30·49	195	148	

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926					
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.			
BERWICK—(con.).						ft. in.	ft.	in.	in.		
4.—TWEED—Whiteadder. 164 sq. mi.											
D Marchmont House	Mr. Peter Ross	5	1	0	498	32·2	38·62	221	161		
D Duns (Nisbet House Gdns.)....	Mr. W. Cowieson	5	1	0	290	..	28·79	207	141		
D Duns Castle	F. S. Hay, Esq.	5	1	0	500	..	34·48	225	149		
D Duns (Manderston)	Mr. F. J. Marshall.....	5	1	6	356	..	33·08	171	140		
West Foulden	J. Hewat Craw, Esq.	5	1	0	250	25·5	28·41	..	..
5.—EAST COAST STREAMS. 80 sq. mi.											
St. Abb's Head	Com'rs. of N. Lighths's. ..	8	5	6	212	23·6	27·07	..	124		
HADDINGTON. (Area, 267 sq. mi.)											
1.—TWEED—Leader 1 sq. mi.											
2.—TWEED—Whiteadder. 35 sq. mi.											
3.—EAST COAST STREAMS. 69 sq. mi.											
Garvald (Donolly Reservoir) ..	A. Robertson, Esq., C.E. ..	5	1	0	500	..	30·87	..	..
M Garvald (Thorner Reservoir) ..	A. Robertson, Esq., C.E. ..	5	1	0	700	..	26·90	..	..
Barnsness Lighthouse.....	Com'rs. of N. Lighths's. ..	5	1	2	20	..	23·86	..	..
D Dunbar (Belhaven Hill)	W. Ingham, Esq. ....	..	..	..	..	..	29·26	200	130		
4.—TYNE & C. 114 sq. mi.											
w Lammermuir H. (West Hopes). J. Ross, Esq., C.E.		5	1	0	750	..	40·37	..	..
w Lammermuir H. (Stobshiel Res.) ..	J. Ross, Esq., C.E.	5	1	0	950	..	40·50	..	..
D Prestonkirk (Smeaton)	Sir A. Buchan-Hepburn ..	5	1	0	100	24·9	30·03	168	137		
5.—FIRTH OF FORTH. 48 sq. mi.											
D East Fortune Sanatorium	The Clerk of Works	5	1	4	101	..	27·98	153	132		
D Dirlerton	W. S. Curr, Esq.	5	1	6	149	..	26·26	179	117		
D North Berwick Reservoir.....	A. Robertson, Esq., C.E. ..	5	1	6	150	25·4	29·50	187	140		
D North Berwick (Hospital)	A. Robertson, Esq., C.E. ..	5	1	0	152	..	27·66	187	131		
6.—INSULAR.											
MIDLOTHIAN. (Area, 369 sq. mi.)											
1.—TWEED—Gala. 68 sq. mi.											
M Stow (Cragdale)	J. Pringle, Esq.	5	0	6	642	..	36·58	..	..
2.—TYNE. 28 sq. mi.											
D Oxenfoord Castle Gardens	Mr. D. M. Welsh	5	1	2	452	..	30·81	169	144		
3.—FIRTH OF FORTH. 3 sq. mi.											
4.—ESK. 116 sq. mi.											
M Moorfoot Hills (Bowbate)	Messrs. Leslie & Reid, C.E. ..	11	0	6	1260	..	57·51	..	..
D Moorfoot Hills (Gladhouse Res.) ..	Messrs. Leslie & Reid, C.E. ..	5	0	8	915	35·3	42·48	256	184		
D Moorfoot Hills (Rosebery)	Messrs. Leslie & Reid, C.E. ..	4	0	9	750	..	36·47	225	166		
D Moorfoot Hills (Edgelaw)	Messrs. Leslie & Reid, C.E. ..	4	0	10	654	..	36·17	225	165		
D Gorebridge (Deanbank)	A. Wilson Spalding, Esq.	5	1	0	500	..	33·02	270	156		
M Pentland Hills (Harehill)	Messrs. Leslie & Reid, C.E. ..	11	1	7	1297	..	40·53	..	..
D Pentland Mills (Martyrs Cross). ..	Messrs. Leslie & Reid, C.E. ..	5	1	0	750	..	37·27	229	161		
D Pentland Hills (Loganlea)	Messrs. Leslie & Reid, C.E. ..	5	1	0	811	..	37·75	204	156		
D Pentland Hills (Glencorse Fil.) ..	Messrs. Leslie & Reid, C.E. ..	5	1	0	638	..	35·54	197	149		
D Pentland Hills (Glen Cottage) ..	Messrs. Leslie & Reid, C.E. ..	5	1	2	739	..	36·85	203	158		
D Milton Bridge (Bush)	J. S. Abernethy, Esq.	5	1	0	600	..	36·48	205	157		
D Newbattle (Public School)	W. Fowler, Esq.	5	4	3	300	..	29·15	168	132		
D Musselburgh (Pinkieburn)	Mr. G. Wright	5	1	2	50	..	27·82	168	146		

STATIONS.	AUTHORITIES.	Rain-gauge		Average Rain-fall.	1926			
		Diam.	Height of Rim above Ground.		Height of Ground above Sea Level.	Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
MIDLOTHIAN—(con.).								
5.—ALMOND & C. 153 sq. mi.		in.	ft.	in.	in.			
Pentland Hills (Crosswood) . . .	Messrs. Leslie & Reid, C.E.	5	1 0	950	..	44-62	256	19
Pentland Hills (Harperrig) . . .	Messrs. Leslie & Reid, C.E.	5	1 0	900	..	43-27	259	178
Pentland Hills (Morton)	Messrs. Leslie & Reid, C.E.	5	1 0	749	..	41-05	254	168
West Calder (Addiewell)	Scottish Oils, Ltd.	12	21 0	620	35-7	43-87	234	179
Pentland Hills (Boghall) . . (+A)	College of Agriculture	8	1 0	646	..	35-94	215	149
Pentland Hills (Harlaw Res.) . .	Messrs. Leslie & Reid, C.E.	5	1 0	800	..	34-78	228	153
Pentland Hills (Bonally Res.) .	Messrs. Leslie & Reid, C.E.	11	0 6	1112	..	39-90
Pentland Hills (Clubbiedean Rs.)	Messrs. Leslie & Reid, C.E.	4	0 6	773	..	34-74	230	156
Pentland Hills (Swanston) . . .	Messrs. Leslie & Reid, C.E.	5	0 6	550	..	34-88	210	159
Pentland Hills (Fairmilehead) .	Messrs. Leslie & Reid, C.E.	5	1 0	590	..	33-96	197	148
Liberton (Alnwick Hill)	Messrs. Leslie & Reid, C.E.	5	1 0	407	..	30-67	184	134
Colinton (Firhill Tank)	Messrs. Leslie & Reid, C.E.	5	0 6	412	..	31-46	209	144
Liberton (College Garden) . . .	College of Agriculture	5	1 0	190	..	30-78	198	139
Liberton (The Inch) (R)	Sir R. G. Gilmour, Bart. . .	8	2 9	60	..	28-85	193	135
Edinburgh (Royal Observatory)	Prof. R. A. Sampson, F.R.S.	8	1 0	441	24-7	30-92	208	138
Edinburgh (Napier Road)	A. Harrison, Esq.	5	1 2	300	..	29-31	203	131
Edinburgh (The Academy)	M. McC. Fairgrieve, Esq. .	5	1 0	70	..	29-15	210	142
Edinburgh (Univ. Engin. Lab.)	Prof. Sir T. Hudson Beare	5	1 0	227	26-0	29-85	194	135
Edinburgh (St. Roque)	Late J. Cowan, Esq.	5	0 10	270	..	30-49	211	140
Edinburgh (City Observatory) .	J. McDougal Field, Esq. . .	8	1 0	348	..	27-16	190	132
Edinburgh (Royal Botanic Gd.)	Prof. W. Wright-Smith . .	8	0 10	74	..	30-33	198	136
Davidson's Mains (Broomfield) .	J. I. Balfour-Melville, Esq.	5	0 10	42	..	29-16	180	141
6.—CLYDE—Right Bank Tributaries. 1 sq. mi.								
LINLITHGOW. (Area, 120 sq. mi.).								
1.—ALMOND & C. 60 sq. mi.								
Uphall No. 7.	Messrs. Leslie & Reid, C.E.	8	1 4	790	..	37-97
Uphall No. 8.	Messrs. Leslie & Reid, C.E.	8	1 4	577	..	36-10
Uphall No. 6.	Messrs. Leslie & Reid, C.E.	8	1 4	680	..	36-79
Uphall No. 3.	Messrs. Leslie & Reid, C.E.	8	1 2	711	..	37-12
Uphall (Bangour Asylum) . . .	Col. J. Keay	5	1 0	587	..	33-99	228	164
Uphall	Scottish Oils, Ltd.	8	0 10	380	..	36-79	..	168
Winchburgh (Hopetoun Oil Wks.)	Young's Oil Company . . .	8	7 10	319	..	29-92
Dalmeny House	Mr. D. T. Johnston	5	1 0	50	..	28-94	193	144
2.—FORTH—Right Bank Tributaries. 59 sq. mi.								
Bathgate (Filters) No. 1.	A. L. Reid, Esq.	5	0 9	640	..	39-38	195	160
Bathgate (Petershill Res.) No. 2.	A. L. Reid, Esq.	5	0 9	710	..	35-53
Bathgate (Ballencreeff R.) No. 3.	A. L. Reid, Esq.	5	0 9	792	..	36-74
Torphichen (Lochcote)	Wm. Beattie, Esq.	5	0 4	550	..	39-95
Uphall (Beecraigs)	Messrs. Leslie & Reid, C.E.	531	..	39-38	209	174
Carribber Reservoir	Wm. Beattie, Esq.	5	0 4	400	..	38-83
Linlithgow (Grange)	H. M. Cadell, Esq.	5	0 9	430	..	35-05	213	144
Linlithgow (Preston House) . .	Mr. C. Blair	5	1 0	380	..	38-90	216	165
Linlithgow Academy	J. Beveridge, Esq.	5	1 0	170	..	40-70	236	168
Bo'ness (Neidpath Cottage) . . .	Wm. Beattie, Esq.	5	2 0	200	..	34-01
Bo'ness (Grange School)	R. Stark, Esq.	5	0 10	80	..	35-86
3.—CLYDE.—Right Bank								

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.		Height of Ground above Sea Level.			Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
LANARK. (Area, 881 sq. mi.).		in.	ft.	in.	ft.	in.	in.			
1.—TWEED, UPPER—Left Bank Tributaries. 20 sq. mi.										
Biggar	late J. Eunson, Esq.....	8	1	0	691	31.1	38.65	232	176	
2.—ALMOND. 14 sq. mi.										
3.—FORTH—Right Bank Tributaries. 9 sq. mi.										
Airdrie (Forrestburn Reservoir)	A. Simpson, Esq., C.E.....	5	0	6	722	..	39.		..	
4.—CLYDE—Right Bank Tributaries. 378 sq. mi.										
Crawford (Camps Res.)	Jas. McMillan, Esq.	11	0	10	969	..	50.33	
Coulter Reservoir	No. 1. W. Ross, Esq., C.E.	11	1	0	1250	..	56.39	
Lamington (Cowgill Reservoir)	J. Chisholm, Esq., C.E.	5	1	0	970	..	45.50	
Biggar (Shieldhill)	Miss Dunlop	5	1	2	850	..	34.86	
Lamington House	Rt. Hon. Lord Lamington.	5	1	0	800	..	44.62	247	192	
Cleghorn Gardens	Mrs. Elliott Lockhart	5	0	6	720	..	37.46	..	160	
Carlisle (Coldstream Reservoir)	W. Ross, Esq., C.E.	11	1	0	800	..	39.80	
Wishaw (Kirk Road)	J. T. Scott, Esq.	6	1	0	480	..	34.86	
Glasgow (Tollcross Park)	E. Matthews, Esq.	5	0	6	85	..	42.56	246	177	
Glasgow Green	E. Matthews, Esq.	5	0	6	35	..	44.47	242	179	
Glasgow (Alexandra Park)	E. Matthews, Esq.	5	0	6	141	..	42.57	231	172	
Glasgow (Botanic Gardens)	E. Matthews, Esq.	5	0	6	110	..	41.51	216	162	
Glasgow University	Prof. J. R. Currie, M.D.	8	1	0	139	..	41.74	216	164	
Glasgow (Kelvingrove Park)	E. Matthews, Esq.	5	0	6	48	..	42.78	190	176	
Glasgow (Victoria Park)	E. Matthews, Esq.	5	0	6	30	..	41.65	202	173	
Glasgow (Ruchill Park)	E. Matthews, Esq.	5	0	6	222	..	41.72	212	162	
Glasgow (Springburn Park)	E. Matthews, Esq.	5	0	6	352	..	45.91	242	186	
Clarkston (Roughrigg Res.)	J. Chisholm, Esq., C.E.	5	1	0	661	..	39.90	
Airdrie (Broomknoll Street)	J. Chisholm, Esq., C.E.	5	1	0	402	..	42.08	210	178	
Caldercruix (Hillend Reservoir)	Mr. W. A. Ritchie	5	3	6	620	..	45.48	234	189	
Gartcosh (Gartloch Hospital)	Mr. James McEwen	5	1	1	291	..	45.16	241	178	
5.—CLYDE—Left Bank Tributaries. 448 sq. mi.										
Elvanfoot (Potrenick Burn)	W. Ross, Esq., C.E.	11	1	0	1018	..	73.00	
Leadhills	late J. MacFarlane, Esq., J.P.	5	1	1	1310	..	76.39	253	210	
Douglas (Kilncroft)	The Earl of Home	8	1	1	696	..	49.31	236	190	
Strathaven (Glengavel Res.)	J. McMillan, Esq., C.E.	5	1	0	880	..	49.06	226	196	
Strathaven (Dungavel)	A. K. Foulis, Esq.	5	1	0	798	..	57.80	244	192	
Strathaven (Dunside Res.)	J. McMillan, Esq., C.E.	5	0	10	1010	..	43.93	201	166	
Strathaven (Kype Res.)	W. H. Purdie, Esq., C.E.	11	3	0	941	..	40.65	
Coalburn (Acetophhead)	C. & A. Collieries, Ltd.	5	0	10	729	..	44.64	251	199	
Lesmahagow (Auchtyfardle)	Major T. E. Lander	5	1	0	578	..	39.75	
Strathaven (East Overton Ho.)	H. Lee Dykes, Esq.	5	1	0	700	..	47.34	200	178	
Stonehouse Sanatorium	W. A. Chapman, Esq.	5	0	7	526	..	38.81	222	171	
Stonehouse (Glassford Filters)	J. McMillan, Esq., C.E.	5	0	9	775	..	47.81	221	183	
Hamilton W. W. (Townhill)	W. H. Purdie, Esq., C.E.	7	1	0	436	35.6	37.35	
Busby (Thorntonhall)	A. H. Bishop, Esq.	5	1	0	440	..	43.99	226	165	
Carmunnock (Carnbooth)	R. Robertson, Esq., C.E.	5	1	0	365	..	44.16	241	168	
Cambuslang (Greenlees Filters)	J. McMillan, Esq., C.E.	5	1	0	322	..	39.41	228	167	
Glasgow (Dumbreck)	W. Gillies, Esq., Jr., LL.B.	5	1	6	76	..	43.14	218	169	
Glasgow (Bellahouston Park)	E. Matthews, Esq.	5	0	6	160	..				

STATIONS	AUTHORITIES.	Rain-gauge					Average Rain-fall.	1926		
		Diam.	Height of		Average			Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim	Ground	above	above				
			above	above	Ground.	Sea Level.				
AYR. (Area, 1135 sq. mi.)		in.	ft.	in.	ft.	in.	in.			
1.—CLYDE—Left Bank Tributaries. 20 sq. mi.										
Glengarnock (Chemical Works)	A. Shanks, Esq.	8	15	0	120	..	56.60	231	180	
2.—FIRTH OF CLYDE. 60 sq. mi.										
Stevenston (Greenhead Filters)	Gilbert Christie, Esq., C.E.	5	1	0	186	..	46.04	240	178	
Skelmorlie (West Park)	J. Wilkinson, Esq.	5	1	6	150	..	64.11	214	189	
Shaws W.W. (Kelly Dam)	J. MacAlister, Esq., C.E.	6	1	0	640	64.1	79.90	
Shaws W.W. (Knockencorsan)	J. MacAlister, Esq., C.E.	6	1	0	1040	62.8	82.30	
3.—IRVINE & C. 283 sq. mi.										
Monkton (Orangefield)	H. Carrick Webster, Esq.	5	1	0	30	..	34.67	215	151	
Troon (Collenan Reservoir)	M. S. Brodie, Esq., C.E.	5	1	0	203	..	33.19	
Irvine (Gailes)	H. W. Aitken, Esq.	5	1	0	12	..	40.81	212	168	
Kilmarnock (Agricultural Coll.)	Prof. R. A. Berry	8	1	2	90	37.3	41.55	221	166	
Galston Higher Grade School	The Headmaster	5	1	0	250	..	39.21	207	165	
Kilmarnock (North Craig Res.)	W. Dunbar, Esq., C.E.	5	1	0	319	41.2	48.17	236	187	
Fenwick (Hareshaw Lodge)	W. Dunbar, Esq., C.E.	5	0	3	600	..	56.03	233	200	
Fenwick (Amlaird Filters)	W. Dunbar, Esq., C.E.	5	1	0	590	..	50.51	241	200	
Dalry (Munnock Reservoir)	Gilbert Christie, Esq., C.E.	5	1	0	325	..	53.32	219	182	
Dalry (Caaf Reservoir)	Gilbert Christie, Esq., C.E.	5	1	3	515	..	57.64	218	187	
Dalry W.W. (Filters)	Mr. W. Wightman	5	1	0	320	..	47.59	234	188	
Dalry W.W. (Thirdpart)	Mr. W. Wightman	5	1	0	560	..	56.82	
Dalry (Campmill Reservoir)	James Lee, Esq., C.E.	12	1	6	611	..	68.40	
Beith (Filter Station)	W. C. Dale, Esq.	5	6	0	124	..	51.14	205	179	
4.—AYR. 222 sq. mi.										
Ayr Cemetery	J. Young, Esq., C.E.	5	1	0	40	..	35.93	187	166	
Muirkirk (Kaimshill)	Dugald Baird, Esq.	5	2	0	750	..	50.84	244	184	
5.—DOON. 119 sq. mi.										
Loch Finlas	J. Young, Esq., C.E.	5	1	0	849	..	58.79	
Patna (Kerse Filters)	W. Gray, Esq., C.E.	11	1	0	743	..	40.56	245	181	
Ayr (Doonholm)	Lt.-Col. N. Kennedy, D.S.O.	5	1	0	90	..	39.55	204	167	
6.—CULZEAN BAY & C. 32 sq. mi.										
Turnberry (Hotel)	Mr. J. Richards	5	1	0	96	..	29.69	178	139	
Turnberry Lighthouse	Com'rs. of N. Lighth's	5	2	6	40	..	33.87	168	155	
Maybole (Culzean Castle Gdns)	Mr. A. T. Harrison	8	1	3	138	36.4	37.19	192	159	
7.—GIRVAN. 105 sq. mi.										
Girvan (Glendoune Gardens)	Mr. J. Simons	5	1	0	100	..	43.66	
Girvan (Sunnyside, Golf Course)	D. Macdonald, Esq.	5	1	0	27	..	37.76	
Loch Bradan	M. S. Brodie, Esq., C.E.	11	1	0	991	..	61.98	
Maybole (Otterden)	Robert Cross, Esq.	5	1	3	314	..	39.46	209	171	
8.—STINCHAR & C. 155 sq. mi.										
Colmonell (Knockdolian)	Mrs. McConnell	5	1	0	179	44.8	45.69	219	176	
Girvan (Pinmore)	W. McConnell, Esq.	5	0	5	207	49.8	49.69	233	186	
Barr (Alton Albany)	Lt.-Cdr. G. Hughes-Onslow, D.S.C.	5	1	6	330	..	51.16	235	192	
9.—LOCH RYAN. 12 sq. mi.										
10.—LUCE BAY. 15 sq. mi.										
Ballantrae (Lagafater Lodge)	Cedric R. Boulton, Esq.	5	0	11	792	..	64.94	190	182	
11.—CREE. 40 sq. mi.										

STATIONS	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
AYR—(con.).		in.	ft.	in.	ft.	in.	in.		
12.—DEE. 9 sq. mi.									
13.—NITH. 62 sq. mi.									
D Glen Afton (Ayr Sanator'm)	Dr. E. E. Prest	5	1	0	850	..	56·96	222	197
D New Cumnock (Power Station)	A. L. Begg, Esq.	5	1	0	764	..	52·16	199	168
14.—INSULAR. 1 sq. mi.									
Ailsa Craig	Com'rs. of N. Lighth's	5	1	0	35	..	29·88	153	136
RENFREW. (Area, 241 sq. mi.)									
1.—CLYDE—Right Bank Tributaries. 3 sq. mi.									
2.—CLYDE—Left Bank Tributaries. 194 sq. mi.									
Gorbals Dist. W.W. (Nether Cairn)	G. Hensilwood, Esq., C.E.	12	0	5	700	57·2	59·20
Gorbals Dist. W.W. (Middleton)	G. Hensilwood, Esq., C.E.	12	0	5	550	55·8	53·20
Gorbals Dist. W.W. (Ryat Lynn)	G. Hensilwood, Esq., C.E.	8	0	5	310	49·0	50·95
Gorbals Dist. W.W. (Waulk Glen)	G. Hensilwood, Esq., C.E.	12	0	5	280	47·2	50·85
Paisley W.W. (Muirhead)	James Lee, Esq., C.E.	12	1	0	482	..	67·81
Paisley W.W. (Springside)	James Lee, Esq., C.E.	12	1	0	532	..	74·17
D Lochwinnoch (Garthland)	H. Macdowall, Esq.	5	0	11	150	..	80·26	217	209
Paisley W.W. (Back Thornley Muir)	James Lee, Esq., C.E.	12	1	0	646	50·9	57·93
Paisley W.W. (Stanely)	James Lee, Esq., C.E.	12	1	0	190	..	47·27
D Howwood (Midtown House)	Andrew McNab, Esq.	5	1	6	231	..	66·52	225	196
Pollokshaws (Rouken Glen)	E. Matthews, Esq.	5	0	6	156	..	46·59	233	183
Glasgow (The Linn Park)	E. Matthews, Esq.	5	1	0	180	..	37·96	..	163
D Pollokshaws (Pollak House)	Sir J. Stirling Maxwell, Bt.	5	1	0	50	..	43·04	226	167
D Glasgow (Queen's Park)	E. Matthews, Esq.	8	0	9	145	36·1	40·05	217	160
Glasgow (Maxwell Park)	E. Matthews, Esq.	5	0	6	69	..	35·21	186	152
D Kilbarchan (Milliken Park)	M. Douglas Anderson, Esq.	5	1	6	75	..	58·38	211	189
D Kilbarchan (Glentyan)	R. H. Hunter, Esq.	8	3	9	285	..	61·05	232	195
D Paisley (The Coats Observatory)	Observatory Committee	8	1	0	106	40·7	48·39	227	170
D Houston Manse	Rev. George Muir	5	1	0	103	..	55·61	220	180
Shaws W.W. (Duchall Moor)	J. MacAlister, Esq., C.E.	6	1	0	1150	70·7	77·90
Shaws W.W. (Creuch Hill)	J. MacAlister, Esq., C.E.	6	1	0	1350	62·9	85·20
Shaws W.W. (Green Water)	J. MacAlister, Esq., C.E.	6	1	0	788	68·1	77·00
D Renfrew Aerodrome	(+A) The Meteorological Office	8	1	0	36	..	43·59	214	161
Kilmacolm W.W.	R. Blackwood, Esq.	5	1	0	600	..	73·34
D Kilmacolm Village	R. Blackwood, Esq.	5	1	0	300	..	71·48	218	195
Bishopton (Ingliston)	D. Cross, Esq.	5	1	0	195	..	52·97
Bishopton (Dargavel)	Miss M. A. Maxwell	5	1	0	33	..	51·50
D Bishopton (Formakin)	J. A. Holms, Esq.	5	0	9	80	..	59·66	223	192
D Shaws W.W. (Gryfe Reservoir)	J. MacAlister, Esq., C.E.	5	1	0	640	65·1	75·68	236	191
D Shaws W.W. (Mansfield)	J. MacAlister, Esq., C.E.	5	1	0	573	64·5	77·14	236	191
Shaws W.W. (Darndaff Moor)	J. MacAlister, Esq., C.E.	5	1	0	850	65·7	74·00
3.—FIRTH OF CLYDE. 34 sq. mi.									
Shaws W.W. (Largs Road)	J. MacAlister, Esq., C.E.	5	1	0	910	57·0	78·11
Inverkip (Daff Burn Reservoir)	Alex. Duthie, Esq.	8	1	0	506	..	70·05
M Langbank (East Bank Gardens)	T. Cross, Esq.	5	2	0	250	..	58·93
W Douglass Filters (Pt. Glas. W.W.)	James Murray, Esq.	8	1	6	540	..	61·02
W Parkhill Filters (Pt. Glas. W.W.)	James Murray, Esq.	8	1	6	275	..	56·53
D Shaws W.W. (Compens. Res.)	J. MacAlister, Esq., C.E.	5	1	0	600	64·4	75·45	247	208
D Shaws W.W. (Loch Thom)	J. MacAlister, Esq., C.E.	5	1	0	643	65·4	77·57	247	209
W Shaws W.W. (Shielhill)	J. MacAlister, Esq., C.E.	6	1	0	962	65·7	76·80
D Shaws W.W. (New Yett's Dam)	J. MacAlister, Esq., C.E.	5	1	0	800	65·0	70·76	278	203
W Shaws W.W. (Spango Burn)	J. MacAlister, Esq., C.E.	6	1	0	757	65·1	73·00
D Shaws W.W. (Hole Glen)	J. MacAlister, Esq., C.E.	5	1	0	603	62·2	73·98	279	202
D Greenock (Prospect Hill)	(+A) J. MacAlister, Esq., C.E.	5	1	0	199	61·6	67·80	242	191
D Gourrock (Coves Reservoir)	Alex. Duthie, Esq.	5	1	0	221	..	66·39	222	191
4.—IRVINE. 10 sq. mi.									

DIVISION XV.—WEST MIDLAND COUNTIES.

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
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	..	52.33	217	198
d Helensburgh (Ferniegair)	J. N. Stirling, Esq., C.E.	8	1	0	21	49.7	59.50	238	194
d Helensburgh (Valve House)	J. N. Stirling, Esq., C.E.	8	1	0	293	..	63.67	238	194
Rosneath House	W. Rankine, Esq.	5	0	4	33	..	63.38	..	..
Garlochhead (Aikenshaw)	W. S. Turnbull, Esq.	6	1	0	32	..	63.50	..	..
d Arrochar (Glen Loin)	Mrs. Little	5	1	0	17	..	108.77	250	214
d Arrochar (Braeside)	J. Lindsay, Esq.	5	1	0	40	..	82.54	236	203
3.—CLYDE—Leven. 149 sq. mi.									
d Renton (Carman Filters)	Mr. Chas. Brown	8	4	0	292	..	50.51	238	174
Loch Lomond Park	E. Matthews, Esq.	5	1	0	156	..	55.11	..	218
m Glen Finlas Reservoir...No. 1.	George Beaton, Esq.	5	1	1	782	..	82.43	..	..
m Glen Finlas Reservoir...No. 2.	George Beaton, Esq.	5	1	6	1194	..	78.82	..	..
m Glen Finlas Reservoir...No. 3.	George Beaton, Esq.	5	1	5	1627	..	90.34	..	..
m Glen Finlas Reservoir...No. 4.	George Beaton, Esq.	5	2	0	2040	..	89.06	..	..
m Glen Finlas Reservoir...No. 5.	George Beaton, Esq.	5	0	9	1635	..	75.75	..	..
m Glen Finlas Reservoir...No. 6.	George Beaton, Esq.	5	1	0	1172	..	73.03	..	..
d Glen Finlas Reservoir...No. 7.	George Beaton, Esq.	12	1	6	810	..	102.87	248	213
4.—CLYDE—Right Bank Tributaries. 59 sq. mi.									
d Drumchapel (Wasdale)	F. C. Thomson, Esq.	5	1	0	49	..	45.94	246	176
Bearsden (Glengarnock)	A. Lithgow, Esq.	8	1	0	32	..	46.69	..	..
d Milngavie (Dougalston)	Major R. M. Ker	5	1	0	150	..	48.40	221	178
d Duntocher (Cochno Filters)	E. T. Collins, Esq., C.E.	5	1	0	400	..	50.30	191	184
Kilpatrick Hills (Greenside Res.)	E. T. Collins, Esq., C.E.	5	1	0	876	..	62.16	..	..
Kilpatrick Hills (Loch Cochno)	E. T. Collins, Esq., C.E.	5	1	0	909	..	63.41	..	..
Kilpatrick Hills (Jaw Reservoir)	E. T. Collins, Esq., C.E.	5	1	0	912	..	62.85	..	..
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	..	43.70	197	169
d Falkirk (Inglewood, Laurieston)	W. Ballantine, Esq.	5	1	3	133	..	37.23	180	164
d Falkirk (Westbank) ...Garden.	A. Nimmo, Esq.	5	1	0	75	..	42.12	203	167
m Falkirk (Westbank) ...Lawn.	A. Nimmo, Esq.	5	1	0	105	..	41.41	..	..
d Falkirk (Arnotdale)	W. Gibson, Esq.	5	1	0	107	..	42.89	228	167
Falkirk (Kerse)	George Smith, Esq.	5	1	0	18	31.9	38.32	..	..
d Grangemouth (Burgh Stables)	J. C. Wallace, Esq., C.E.	5	1	0	15	..	38.85	185	152
Little Denny Reservoir	C. Massie, Esq.	8	1	0	326	..	53.18	..	..
Little Denny Filters	C. Massie, Esq.	8	1	0	243	..	49.29	..	..
Kilsyth (Faughlin Res.)	C. Massie, Esq.	8	1	0	707	..	61.67	..	..
Denny (Buckieburn Reservoir)	C. Massie, Esq.	8	1	0	825	..	53.21	..	..
Denny (Buckieburn Filters)	C. Massie, Esq.	8	1	0	760	..	50.31	..	..
Earlsburn Reservoir	C. Massie, Esq.	8	1	0	1202	..	66.57	..	..
d Stirling (North Third Res.)	J. C. Wallace, Esq., C.E.	8	1	0	560	..	51.88	230	178
d Stirling (Touch Res.) ...No. 3A.	H. Goudie, Esq.	8	1	0	759	..	58.00	249	179
d Stirling (Touch Res.) ...No. 2A.	H. Goudie, Esq.	8	1	0	707	..	55.01	249	179
d Stirling (Touch Res.) ...No. 1A.	H. Goudie, Esq.	8	1	0	455	..	57.59	249	178
Stirling (Deroran)	C. A. Buchanan, Esq.	5	1	0	136	..	47.27	..	..
d Stirling (Saucie House)	J. Fyfe, Esq., C.S.I.	5	1	0	151	..	42.90	190	151
Stirling (Westerlands)	J. W. Drummond, Esq.	5	1	0	120	..	42.39	..	..
d Stirling (Craigforth)	A. J. Couper, Esq.	5	0	6	32	..	48.86	221	171
d Gargunnoch House	C. Stirling, Esq.	5	1	3	85	..	53.80	180	158
d Kippen (Arngomery)	Mr. P. McCowan	5	4	6	150	..	56.58	189	171
w Duchray Valley (Ben Lomond)	G. Hensilwood, Esq., C.E.	8	0	6	1500	..	102.20	..	..
d Duchray Valley (Glen Dhu)	G. Hensilwood, Esq., C.E.	8	1	0	500	..	95.55	..	208
d Duchray Valley (Comer)	G. Hensilwood, Esq., C.E.	8	1	0	600	..	101.75	..	210
w Duchray Valley (Achaidh Burn)	G. Hensilwood, Esq., C.E.	8	1	0	1200	..	114.70	..	..
w Duchray Val. (Hd. of Main Stream)	G. Hensilwood, Esq., C.E.	8	1	0	950	..	107.15	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain- fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.	
STIRLING—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—FORTH—Teith. 5 sq. mi.									
d Stronachlachar (Invergyle)	G. Hensilwood, Esq., C.E.	8	1	0	376	..	93·40	..	222
3.—FORTH—Left Bank Tributaries. 15 sq. mi.									
d Bridge of Allan (The Lea)	late Laurence Pullar, Esq.	5	0	8	50	..	44·08	242	161
4.—CLYDE—Leven. 128 sq. mi.									
Strathblane (Blane field)	G. Hensilwood, Esq., C.E. . .	8	1	0	250	50·5	59·85	..	..
d Killearn (Achnagowan)	Miss A. L. Guthrie-Smith . .	5	1	0	332	..	68·57	199	178
w Loch Arklet (Corriehichon)	G. Hensilwood, Esq., C.E. . .	8	0	6	870	89·3	100·55	..	..
w Loch Arklet (Corriearklet)	G. Hensilwood, Esq., C.E. . .	8	0	6	950	90·2	103·70	..	..
5.—CLYDE—Right Bank Tributaries. 52 sq. mi.									
Strathblane (Mugdock Res.)	G. Hensilwood, Esq., C.E. . .	8	0	6	320	46·2	56·40	..	..
Kilpatrick H. (Burncrooks Res.) . . .	E. T. Collins, Esq.	5	1	0	835	..	63·78	..	..
d Kilsyth (Innsbridge)	J. I. Little, Esq.	5	11	0	202	..	53·81	222	179
BUTE. (Area, 218 sq. mi.)									
1.—ISLE OF BUTE. 50 sq. mi.									
d Rothesay (Ardencraig)	Sir John Reid	5	1	0	200	49·0	61·41	254	219
d Port Bannatyne (Ettrickdale) . . .	Lt.-Col. M. R. Gray Buchanan	5	1	0	160	..	58·19	245	209
2.—CUMBRAES. 4 sq. mi.									
d Millport (Marine Biog. Stat.) . . .	R. Elmhirst, Esq.	5	1	0	16	..	50·33	226	190
3.—ARRAN. 164 sq. mi.									
Pladda	Com'rs of N. Lighth's	5	1	6	53	43·5	38·06	187	180
Holy Island (Pillar Rock)	Com'rs of N. Lighth's	5	0	11	68	..	46·59	205	165
d Dougargie Lodge	David Reside, Esq.	5	1	0	10	..	52·58	217	178
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	..	102·88	262	237
Ardnamurchan Lighthouse	Com'rs of N. Lighthouses . .	5	0	9	79	..	40·06	..	162
d Morvern (Drimnin)	Mrs. Gordon	5	1	0	225	..	61·60	276	221
d Loch Sunart (Glenborrodale) . . .	A. M. Fletcher, Esq.	5	1	0	88	69·0	71·61	..	..
d Acharacle (Shielbridge)	A. M. Fletcher, Esq.	8	1	0	48	..	69·70	241	212
d Loch Shiel (Polloch House)	Forestry Commission	5	0	9	16	..	91·79	..	..
3.—LOCH LINNHE—Right Bank Tributaries. 139 sq. mi.									
d Morvern (Kingairloch)	G. Herbert Strutt, Esq. . . .	5	1	0	40	..	108·19	222	210
Corran Lighthouse	Com'rs of N. Lighth's	5	1	0	13	81·0	89·73	232	216
d Ardgour House	Major Maclean of Ardgour	5	0	10	60	..	104·66	270	239
4.—LOCH LINNHE.—Left Bank Tributaries. 165 sq. mi.									
d Duror (Achara)	W. D. Stewart, Esq.	5	1	2	45	..	70·86	229	199
d Barcaldine	S. H. R. Paterson, Esq. . . .	5	1	0	50	..	68·08	212	190
d Duror (The Rectory)	Rev. Canon E. J. Benwell . .	5	1	0	120	..	76·45	247	208
Glenleven (Blackwater House) . . .	4 British Aluminium Co. Ltd.	8	1	0	1069	..	92·37	..	..
d Glenleven (Blackwater Dam, S.) . .	2 British Aluminium Co. Ltd.	8	1	0	1072	..	97·77	270	233
d Glenleven (Kinlochleven)	1 British Aluminium Co. Ltd.	8	1	0	140	..	99·91	241	223

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.			Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
ARGYLL—(con.).		in.	ft.	in.	ft.	in.	in.		
5.—LOCH ETIVE. 197 sq. mi.									
Glen Etive	W. D. Fordyce, Esq.	5	1	0	200	..	109·69	225	219
6.—LOCH ETIVE—Loch Awe. 319 sq. mi.									
Loch Awe (Ford)	H. Cameron, Esq.	8	1	0	149	..	80·58	231	214
Kilmelfort (Manse of Glenorchy) ..	Rev. Farquhar MacRae ..	5	1	0	150	..	92·44	242	217
Bridge of Orchy (Inveroran)...	G. Wishart, Esq., C.E. ...	5	1	0	580	..	101·68	239	218
7.—FIRTH OF LORNE. 112 sq. mi.									
Kilmelfort (Arduaine)	J. A. Campbell, Esq.	5	0	10	23	..	72·89	209	203
Kilmelfort (Ardmaddy Castle) ..	Marchioness of Breadalbane	5	66·50
Oban (Gleann-a-Bhearraidh Res.)	D. Galloway, Esq.	8	1	6	370	..	64·82
Oban	D. Galloway, Esq.	8	1	0	21	..	59·57	237	196
8.—SOUND OF JURA. 163 sq. mi.									
Lochgilphead (Poltalloch)	Mr. D. S. Melville	5	1	2	135	52·7	62·02	231	207
9.—KINTYRE, WEST. 146 sq. mi.									
Mull of Kintyre	Com'rs of N. Lighth's.	5	1	0	270	41·8	46·59	199	166
Muasdale (Killeen Manse)	Rev. D. J. Macdonald	5	1	0	10	..	43·42	225	181
Largie Castle	Mrs. Moreton Macdonald ..	5	1	1	160	..	52·42	234	198
Carse	J. Birkmyre, Esq.	6	1	6	20	..	49·16	216	199
10.—KINTYRE, EAST. 177 sq. mi.									
Campbeltown (South Park)	J. A. Gardiner, Esq.	8	0	10	20	..	57·17	235	192
Campbeltown (Devaar)	Com'rs of N. Lighth's.	5	1	9	76	45·1	52·15	214	193
Carradale (Torrisdale Castle) ..	Major W. Macalister Hall. .	5	1	0	84	..	72·20	233	199
Skipness Castle	R. F. Graham, Esq.	5	1	1	14	48·8	56·57	237	189
11.—LOCH FYNE. 264 sq. mi.									
Otter Ferry (Ballimore)	Lt.-Col. MacRae-Gilstrap. .	5	0	10	70	..	58·96
Ardishaig (Canal Office)	E. A. Bly, Esq., C.E.	5	1	0	48	..	73·12	228	206
Loch Fyne (Castle Lachlan) .	The MacLachl'n of Machlachl'n	5	1	0	42	..	85·85	238	205
Crarae Lodge	Sir Archibald Campbell, Bt.	5	1	0	20	..	78·21	217	206
Strachur Park	Lady G. Campbell	5	1	0	25	..	81·32	235	213
Brenchoillie	A. R. Page, Esq.	5	1	0	240	..	63·86?
Inveraray Castle Gardens	A. R. Page, Esq.	5	1	0	40	77·2	92·11	..	207
Ardkinglas	Mr. J. Payne	8	1	6	37	..	86·39	240	224
12.—FIRTH OF CLYDE & COWAL. 242 sq. mi.									
Toward (Knockdow Gardens) ..	Sir Norman Lamont, Bt. .	5	1	6	101	..	63·39	223	201
Innellan (Lilybank)	P. H. Coats, Esq.	5	1	6	25	..	68·96	240	210
Tighnabruaich (Wellpark)	R. Paton, Esq.	12	0	7	50	..	63·52	204	186
Toward (Inverchaolain)	Sir Norman Lamont, Bt. .	5	1	0	77·33	223	200
Dunoon (Reservoir)	W. Rodger, Esq., C.E.	12	3	6	245	..	97·18	209	197
Dunoon (Burgh Pier)	W. Rodger, Esq., C.E.	12	16	6	14	..	94·87	212	200
Dunoon (Redhurst)	Dr. J. Banks	5	1	0	60	..	96·40	224	196
Holy Loch (Ardnadam)	Rev. J. Cairns Mitchell ..	5	1	0	60	..	91·97	240	201
Loch Eck (Benmore)	H. G. Younger, Esq.	5	1	3	40	86·6	100·66	215	208
Glenbranter	Forestry Commission	5	1	0	188	..	109·02	251	220
Lochgailhead (Ardgail)	E. Matthews, Esq.	5	0	6	20	..	102·30	225	211
Lochgailhead (Nuthill)	Mr. D. Marquis	5	1	0	15	..	84·60	228	206
Glencroe	Mrs. Little	5	1	0	500	..	126·24	..	207
13.—CLYDE—Leven. 4 sq. mi.									

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

STATIONS.	AUTHORITIES.	Rain-gauge		Aver- age Rain- fall.	1926		
		Diam. Rim above Ground.	Height of Ground above Sea Level.		Rain- fall.	Days with '01 in. or more.	Days with '04 in. or more.
ARGYLL—(con.)		in.	ft.	in.	in.		
14.—INSULAR. 900 sq. mi.							
d Islay (Ardbeg)	A. H. MacDougall, Esq.	5	7 0	46	45.1	48.80	222 192
Sanda Lighthouse	Com'rs of N. Lighthouses ..	5	2 9	134	..	34.30	.. 147
Islay (Rhinn)	Com'rs. of N. Lighth's.	7	3 6	74	35.5	43.86	230 179
Islay (Lochindaul)	Com'rs. of N. Lighth's.	5	0 7	45	44.2	46.80	.. 186
Islay (McArthur's Head)	Com'rs. of N. Lighth's.	5	0 6	173	53.5	73.85	227 200
d Islay (Eallabus)	James MacKillop, Esq.	5	1 0	68	48.9	64.10	250 216
d Islay (Dunlossit)	N. Dunlop, Esq.	5	1 0	100	..	65.82	.. 197
d Islay (Cluanach)	N. Dunlop, Esq.	5	0 7	150	..	58.69	.. 184
Islay (Rhuvaal)	Com'rs. of N. Lighth's.	5	1 0	69	..	46.16	.. 166
d Jura (Ardfin)	Colin Campbell, Esq.	5	1 0	160	..	71.51	234 218
Lismore (Mousedale)	Com'rs. of N. Lighth's.	7	3 10	38	43.7	43.94	.. 171
d Eriska	Mr. J. M. Webster	5	1 6	40	..	58.95	210 202
d Mull (Iona Manse)	Rev. A. Macmillan	5	1 2	45	..	49.89	217 204
d Mull (Bunessan)	Duncan Cameron, Esq.	5	1 0	50	..	55.69	232 208
d Mull (Lochbuie House)	Sir R. Garton	5	1 3	..	..	95.21	245 221
d Mull (Kinlochspelve)	G. W. Duncan, Esq.	8	1 6	50	..	98.23	231 215
Mull (Benmore)	The Meteorological Office ..	5	2 0	2800	..	139.10	.. ..
d Mull (Glencannel)	Duncan Cameron, Esq.	5	1 3	140	..	112.08	264 232
d Mull (Ulva)	F. W. Clark, Esq.	5	1 0	30	..	62.78	252 210
d Mull (Knock)	Duncan Cameron, Esq.	5	1 3	50	..	88.34	.. 211
d Mull (Gruline)	J. W. Melles, Esq.	8	1 0	101	..	81.22	267 235
Fladda Lighthouse	Com'rs of N. Lighthouses ..	5	1 6	25	..	57.82	214 190

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	40	..	38.80	178 152
w Alloa W. W. (Gartmorn Res.) ..	Andrew Mackie, Esq., C.E.	11	1	0	172	..	36.20	.. ..
d Tillicoultry (Westbourne)	Mrs. Willison	5	1	0	66	..	42.93	210 175
d Dollar (Weilhall, Dollarbeg)	James Bleloch, Esq.	5	0	9	265	..	44.01	230 165
m Glendevon	No. 2 H. F. Hodge, Esq., C.E.	8	1	0	1333	..	82.72	.. ..
m Glendevon	No. 8 H. F. Hodge, Esq., C.E.	8	1	0	1721	..	56.79	.. ..
m Glendevon	No. 9 H. F. Hodge, Esq., C.E.	8	1	0	1667	..	67.12	.. ..
d Glendevon (Backhill)	H. F. Hodge, Esq., C.E.	8	1	0	1067	..	76.49	248 207

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	296	39.8	47.95	221 180
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2.—LEVEN & C. 67 sq. mi.

d Loch Leven Sluice	Mr. J. Thomson	8	0	9	306	35.8	42.21	192 158
d Milnathort (Laurel Bank)	Capt. L. Kininmouth	5	1	0	398	..	43.12	196 152
d Milnathort (Ledlanet)	Sir James C. Calder, K.B.E.	5	1	0	700	..	52.95	221 178

3.—EDEN. 2 sq. mi.

4.—TAY—Earn. 3 sq. mi.

FIFE. (Area, 505 sq. mi.)

1.—FORTH, LOWER—Left Bank Tributaries. 68 sq. mi.

d Rosyth (H. M. Dockyard)	The Supt. Engineer	8	1	0	53	..	31.50	184 134
Kincardine (Tulliallan)	Col. Alexander Mitchell	8	1	0	80	..	35.71	.. ..
d Culross (Brankston Grange)	J. P. Dalglish, Esq.	5	0	6	116	..	36.70	201 177
Carnock (Craigluscar Res.)	R. Muir Morton, Esq.	12	0	4	280	36.1	43.05	.. ..

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

STATIONS.	AUTHORITIES.	Diam.	Rain-gauge		Average Rain-fall.	1926				
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.		
FIFE—(con.).						in.	ft. in.	ft.	in.	
2.—LEVEN & C. 208 sq. mi.										
Inverkeithing (Pitreavie Castle)	R. Richardson, Esq.	5	0	9	150	..	33·72	..	..	..
Dunfermline (Fordell House)	.. Earl of Buckinghamshire..	5	1	0	250	..	39·07	..	..	..
D Kirkcaldy (Munro Street)	.. F. Braid, Esq.	5	1	0	66	..	35·11	216	..	152
Cowdenbeath (Stenhouse St.)	.. C. A. Alexander, Esq.	5	1	0	516	..	42·19	..	..	..
M Cleish Hills (Craigaveral)	.. C. A. Alexander, Esq.	5	1	0	760	..	47·41	..	..	..
M Cleish Hills (Roscobie Res.)	.. C. A. Alexander, Esq.	5	1	0	660	..	44·37	..	..	..
D Cleish Hills (Roscobie Farm)	.. C. A. Alexander, Esq.	5	1	0	670	..	42·11	172	..	150
M Cleish Hills (Blairadam Wood)	.. C. A. Alexander, Esq.	5	1	9	670	..	39·08	..	..	..
M Cleish Hills (Lochglow Res.)	.. C. A. Alexander, Esq.	5	1	0	900	..	38·97	..	..	..
D Leslie (Lothrie Reservoir)	.. R. Ritchie, Esq.	5	1	0	700	38·7	42·92	214	..	166
D Elie (The Castle)	.. Miss E. E. Scott Moncrieff.	5	0	5	9	..	29·63	189	..	140
D Colinsburgh (Cairnie House)	.. Maj. R. A. Anstruther, D.S.O.	5	3	6	125	..	34·11	197	..	149
D Colinsburgh (Balcarres)	.. Mr. W. H. Adams	5	1	0	300	32·2	31·42	170	..	137
D Carnbee (Ovenstone W.W.)	.. C. Birrell, Esq.	5	1	0	168	..	27·74	177	..	124
3.—EDEN & C. 205 sq. mi.										
D Ceres (Castlebank)	.. Mr. Alex. Smith	5	2	0	280	..	39·45	211	..	159
D Cameron Waterworks	.. W. Watson, Esq., C.E.	5	1	0	478	..	37·13	162	..	141
D Cupar (Pitlair)	.. W. N. Walker, Esq.	5	1	0	126	..	37·49	195	..	150
Cupar (Rankeillour)	.. Mr. J. McLaren	5	1	0	240	..	35·59	..	..	..
D Cupar (Fife & Kinross Asylum)	.. Dr. J. H. Skeen	5	1	0	210	..	35·63	186	..	146
Cupar (Over Rankeillour)	.. H. Giles Walker, Esq.	5	1	0	200	..	34·40	..	..	..
D St. Andrews (Waterworks)	.. W. Watson, Esq., C.E.	5	1	0	217	..	34·76	190	..	143
D St. Andrews	.. W. Watson, Esq., C.E.	5	1	0	20	..	34·14	186	..	134
Kilmany (Lochmalony)	.. W. Marshall, Esq.	5	1	0	260	..	37·72	..	..	..
D Leuchars (Seaplane Stn.) (+A)	.. The Meteorological Office ..	8	1	0	40	..	32·87	197	..	137
4.—FIRTH OF TAY. 25 sq. mi.										
D Newport (Tayfield)	.. W. Berry, Esq.	5	0	7	100	..	38·59	172	..	149
D Newport	.. Rev. John A. Lees	5	1	0	150	..	34·02	186	..	140
D Newport (Seabank)	.. J. Grant Bruce, Esq.	5	4	6	15	..	34·77	..	..	136
D Tayport (Lighthouse)	.. J. H. Thompson, Esq., C.E.	5	1	0	27	25·8	36·53	212	..	148
5.—TAY—Earn. 1 sq. mi.										
6.—INSULAR.										
D Inchkeith	.. The Meteorological Office..	8	1	0	190	..	26·60	188	..	126
Inchkeith Lighthouse	.. Com'rs. of N. Lighth's	5	1	0	190	..	24·81	190	..	119
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	..	64·76	243	..	184
D Loch Dhu	.. G. Hensliwood, Esq., C.E.	8	0	6	325	79·8	93·25	..	..	217
2.—FORTH, UPPER—Left Bank Tributaries. 84 sq. mi.										
D Aberfoyle (The Inn)	.. G. Hensilwood, Esq., C.E.	8	0	6	60	57·1	66·00	..	..	181
w Ledard	.. G. Hensilwood, Esq., C.E.	8	0	6	1500	61·2	76·20	..	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
PERTH—(con.).		in.	ft.	in.	ft.	in.		
3.—FORTH—Teith. 221 sq. mi.								
w Loch Drunkie	G. Hensilwood, Esq., C.E.	8	0	6	420	62.1	74.70	..
d Inverrossachs	Sir James R. Wilson, Bt...	5	1	0	380	..	67.79	260 194
w Ben Venue (Glasaholme)	G. Hensilwood, Esq., C.E.	8	1	0	1150	..	93.95	..
d Loch Vennachar	G. Hensilwood, Esq., C.E.	8	0	6	275	55.3	64.95	.. 190
d Bridge of Turk	G. Hensilwood, Esq., C.E.	8	0	6	275	63.5	73.90	.. 198
w Loch Katrine (Tunnel Hill Top)	G. Hensilwood, Esq., C.E.	8	0	6	830	81.4	97.30	..
w Ben Ledi	G. Hensilwood, Esq., C.E.	8	0	6	1400	66.6	80.40	..
d Achnahard	G. Hensilwood, Esq., C.E.	8	1	0	474	..	76.45	.. 209
Callander (Leny House)	Capt. M. Murray Buchanan	5	0	6	340	..	65.70	..
w Strone Bridge	G. Hensilwood, Esq., C.E.	8	1	0	380	..	87.20	..
w Glen Meann	G. Hensilwood, Esq., C.E.	8	1	0	800	..	89.60	..
w Glen Finglas	G. Hensilwood, Esq., C.E.	8	1	0	1200	..	93.15	..
d Glengyle	G. Hensilwood, Esq., C.E.	8	0	6	380	89.9	100.00	.. 205
w Upper Glengyle	G. Hensilwood, Esq., C.E.	8	1	0	750	..	105.10	..
w Allt a' Choin	G. Hensilwood, Esq., C.E.	8	1	0	1250	..	103.35	..
w Balquhiddie (Blaircreach)	J. M. Fergusson, Esq.	5	1	0	460	..	109.96	..
4.—FORTH, LOWER—Left Bank Tributaries. 107 sq. mi.								
d Dunblane	W. L. Gibson, Esq., C.E.	5	1	0	250	..	47.38	234 182
d Glendevon (Glenquey Res.)	No. 2 H. F. Hodge, Esq., C.E. ...	8	1	0	945	..	69.02	.. 185
d Glendevon (Tormaukin)	Mr. W. Phillips	5	1	6	770	..	63.41	227 185
d Glendevon (Frandy)	H. F. Hodge, Esq., C.E.	8	1	0	911	..	69.17	242 194
Glendevon (Glensherup)	R. Muir Morton, Esq.	12	0	4	945	..	67.46	..
m Glendevon	No. 1 H. F. Hodge, Esq., C.E. ...	8	1	0	1202	..	64.75	..
m Glendevon	No. 10 H. F. Hodge, Esq., C.E. ...	8	1	0	1408	..	56.27	..
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	..	54.51	247 181
Upper Farg (Plains)	Messrs. Leslie & Reid, C.E.	8	1	0	900	..	42.36	..
Upper Farg (Main Bank)	Messrs. Leslie & Reid, C.E.	5	1	0	642	..	38.83	..
d Dunning (Kippen House)	Lady Wilson	5	1	0	450	..	54.30	213 168
d Bridge of Earn (Ballendrick)	Capt. O. A. Taylor	5	0	6	35	..	38.68	217 154
d Bridge of Earn (Kinmouth)	J. Moncrieff Wright, Esq. ...	5	12	0	..	..	36.38	184 155
Lochearnhead (Ardloch)	S. Moir, Esq.	5	1	0	400	..	71.58	..
d Lochearnhead (Edinchip)	Sir Malcolm MacGregor, Bt.	5	1	0	513	..	80.08	249 217
d Comrie (The Rectory)	Rev. F. C. Newbery	5	1	0	200	..	60.90	.. 180
d Comrie (Dunira)	W. Gilchrist Macbeth, Esq.	10	1	3	280	..	62.55	199 165
d Crieff (Strathearn Hydro)	Dr. G. Meikle	5	1	0	478	40.9	49.64	221 164
8.—TAY—Almond & C. 149 sq. mi.								
d Perth (Wellshill Cemetery)	J. Ritchie, Esq., Jun.	5	1	0	76	30.8	36.69	217 144
d Perth (Moulin Almond)	Col. D. M. Smythe	5	1	0	140	..	41.87	212 158
w Logiealmond Lodge	Earl of Mansfield	8	1	3	1020	..	59.47	..
d Glen Almond (Auchnafree)	Capt. J. A. C. Whitaker ...	5	1	6	1000	..	66.55	179 162
9.—TAY—Strathhtay below Dunkeld. 33 sq. mi.								
d Murthly (Douglasfield)	W. A. Rae, Esq.	5	1	0	237	..	40.93	186 149
d Dunkeld (Kincairney House)	Mr. J. Doig	8	1	6	500	..	40.15	237 154
d Dunkeld (Snaigow)	W. H. Cox, Esq.	5	1	0	370	..	43.02	198 157

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
FORFAR. (Area, 875 sq. mi.)		in.	ft.	in.	ft.	in.		
1.—TAY—Isla. 211 sq. mi.								
D Kettins School	W. Andrew, Esq.	5	1	0	218	..	40·16	202 141
D Glamis Castle	Mr. D. McInnes	5	0	9	250	..	43·95	191 155
D Forfar (Lilyfield)	D. M. Mackie, Esq.	5	0	5	225	..	44·55	178 152
D Kirriemuir (Lintrathen)	G. Baxter, Esq., C.E.	5	1	0	700	34·7	41·86	212 152
M Kirriemuir (Balnakeilly)	G. Baxter, Esq., C.E.	5	1	0	700	..	45·00	.. ..
M Kirriemuir (Creich Hill, S.)	G. Baxter, Esq., C.E.	5	1	0	1482	32·6	39·45 ?	.. ..
M Kirriemuir (Creich Hill, Top)	G. Baxter, Esq., C.E.	5	1	0	1500	..	42·02	.. ..
M Kirriemuir (Creich Hill, N.)	G. Baxter, Esq., C.E.	5	1	0	1491	..	48·02	.. ..
2.—FIRTH OF TAY. 80 sq. mi.								
D Buddonness (Low Light)	J. H. Thompson, Esq., C.E.	5	1	0	27	25·3	31·03	197 130
D Dundee Harbour	J. H. Thompson, Esq., C.E.	5	0	11	14	27·5	35·75	186 149
D Dundee (Eastern Necropolis)	A. Macrae, Esq.	5	1	0	198	27·4	38·36	208 151
D Dundee (Camperdown Works)	Messrs. Cox Bros., Ltd.	5	1	2	300	..	42·37	.. ..
D Dundee (Balruddery)	J. Martin White, Esq.	5	1	0	266	29·8	38·18	.. 150
D Dundee (College Garden)	Director of Studies	8	1	0	147	..	37·33	194 147
3.—SOUTH ESK & C. 371 sq. mi.								
D Carnoustie	A. F. Anderson, Esq., C.E.	8	1	0	39	..	34·13	201 150
D Craigton	G. Baxter, Esq., C.E.	8	1	0	484	34·7	41·81	197 157
M Craigton (Hillhead)	G. Baxter, Esq., C.E.	8	3	0	570	36·1	41·44	.. ..
M Crombie Reservoir	G. Baxter, Esq., C.E.	8	3	0	522	37·3	44·83	.. ..
M Monikie (Fallaws)	G. Baxter, Esq., C.E.	8	3	0	585	..	38·70	.. ..
D Arbroath (W. Cemetery)	J. W. Robertson, Esq.	5	1	0	93	..	32·09	185 125
W Arbroath (Muirheads Res.)	T. A. Hogg, Esq., C.E.	5	1	0	251	..	37·93	.. ..
Forfar (Pitscandly House)	J. T. Ewen, Esq.	5	1	8	300	..	44·69	.. ..
Montroseness	Com'rs. of N. Lighth's.	5	0	6	18	24·7	24·99	168 131
D Montrose	D. Maxwell, Esq., C.E.	5	1	0	16	..	31·91	188 132
D Montrose (West End Park)	D. Maxwell, Esq., C.E.	5	1	0	12	..	37·56	198 148
D Brechin (Argyll Street)	J. Hutton, Esq.	5	1	0	224	..	42·84	212 158
D Forfar W.W. (Den of Ogil)	A. Watterston, Esq., C.E.	12	0	3	633	..	45·91	182 157
D Glenogil Waterworks	T. A. Hogg, Esq., C.E.	5	1	0	770	..	49·05	190 161
D Glen Prosen (Pearsie House)	G. M. Wedderburn, Esq.	5	1	0	600	..	46·44	174 165
Glen Prosen (Lednathie)	J. S. Darling, Esq.	5	1	0	720	43·2	58·74	.. ..
D Glen Prosen (Balnaboth Gdns)	Mrs. Ogilvie	5	1	0	975	..	56·92	.. 156
4.—NORTH ESK & C. 213 sq. mi.								
Brechin (Trinity)	Miss E. A. Stevenson	8	1	0	295	..	41·20	.. ..
D Montrose (Sunnyside Asylum)	C. K. Alexander, Esq.	5	1	0	200	27·0	34·14	197 143
D Montrose (Kinnaber W.W.)	D. Maxwell, Esq., C.E.	5	1	0	38	..	33·49	192 140
Brechin (Stracathro Gardens)	Mr. A. Dunlop	5	1	0	200	..	39·04	.. ..

DIVISION XVII.—NORTH-EASTERN COUNTIES.

KINCARDINE. (Area, 382 sq. mi.)

1.—NORTH ESK & C. 99 sq. mi.								
D Marykirk (Balmakewan)	W. Low, Esq.	5	1	1	120	..	38·41	192 142
Fettercairn (Fasque)	Mr. Jas. Fraser	5	1	0	320	..	41·60	206 167
2.—BERVIE, COWIE & C. 139 sq. mi.								
Todhead Pt. Lighthouse	Com'rs. of N. Lighth's.	5	1	9	114	..	28·89	.. 137
D Stonehaven (Mains of Cowie)	John Hart, Esq.	5	1	0	93	27·3	33·08	212 149
D Stonehaven (Ury Gardens)	Mr. W. Thomson	5	1	2	200	..	39·42	191 148
Girdleness	Com'rs of N. Lighth's.	7	4	0	89	..	32·37	180 147
Durris House	Andrew Reid, Esq. (R)	..	3	0	200	..	38·96	.. ..

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
KINCARDINE—(con.).									
		in.	ft.	in.	ft.	in.	in.		
3.—DEE. 144 sq. mi.									
D Strachan (Bridge of Dye)	Mr. Jas. Fraser	5	1	0	513	..	53.56	252	165
D Banchory (Invery)	Major Jas. Kerr	5	1	0	225	..	39.09	209	148
D Banchory (Blackhall Castle)	Mrs. F. T. Hay	5	0	8	220	..	36.99	223	162
D Banchory (Invercarnie)	George Mitchell, Esq., C.E.	5	1	0	205	..	35.44	211	140
ABERDEEN. (Area, 1974 sq. mi.)									
1.—DEE. 672 sq. mi.									
D Glen Muick	George Mitchell, Esq., C.E.	5	1	0	1370	..	49.57	221	187
M Glen Tanner (Aitnach)	George Mitchell, Esq., C.E.	5	1	0	1260	..	48.14	..	..
D Braemar (Bank)	A. M. Shirran, Esq.	5	1	0	1120	35.4	33.49	..	145
D Braemar (Derry Lodge)	George Mitchell, Esq., C.E.	5	1	0	1400	..	36.83	..	..
D Balmoral Castle Gardens	Mr. R. F. Chalmers	5	1	0	927	33.0	35.05	253	171
D Abergeldie Castle Gardens	Mr. J. Durran	5	1	0	800	..	34.53	193	158
D Ballater (Irrigation Farm)	George Mitchell, Esq., C.E.	5	1	0	637	..	31.89	202	156
M Beinn Bhreac	George Mitchell, Esq., C.E.	5	1	0	2700	..	45.14	..	..
D Aboyne	George Mitchell, Esq., C.E.	5	1	0	412	..	34.88	173	145
D Dess House	Lt.-Col. D. F. Davidson	5	1	8	480	..	34.03	208	147
D Glen Gairn (Gairnshiel Lodge)	George Mitchell, Esq., C.E.	5	1	0	1100	..	36.94	213	175
D Glen Gairn (Corndavon)	George Mitchell, Esq., C.E.	5	1	0	1500	..	35.51	225	171
D Torphins (School House)	Dr. George Davidson	5	1	6	480	..	35.13	176	148
M Lumphanan	George Mitchell, Esq., C.E.	5	1	0	490	..	34.71	..	..
D Drumoak (Drum Castle)	Mrs. Irvine	5	0	8	320	..	36.25	220	157
D Logie Coldstone School	J. B. Anderson, Esq.	5	1	0	608	30.9	31.89	259	158
D Aberdeen (Mannofield Res.)	George Mitchell, Esq., C.E.	5	1	0	171	..	36.21	227	152
2.—DON. 512 sq. mi.									
D Aberdeen (King's College) (+A)	The Meteorological Office	8	1	0	46	29.5	31.99	209	148
Strathdon (Estates Office)	C. Christie, Esq.	5	1	2	990	..	32.35	..	..
D Craibstone (Sth. Methil Field)	Prof. J. Hendrick	5	1	0	275	..	38.04	216	157
D Craibstone (Woodlands Field)	College of Agriculture	8	1	0	300	..	36.63	210	144
D Dyce (Parkhill House)	J. E. Crombie, Esq.	8	0	11	170	..	35.74	211	162
M New Machar (Straloch)	Mrs. Irvine	5	4	0	320	..	30.44	..	..
D Inverurie (Westfield)	James Skinner, Esq.	5	1	0	207	..	33.91	235	163
3.—YTHAN & C. 285 sq. mi.									
D Ellon (Esslemont House)	Capt. Wolrige Gordon, M.C.	5	1	6	100	29.8	35.88	240	166
D Haddo House	Earl of Haddo	5	0	6	186	..	34.86	228	162
D Fyvie Castle	Col. Sir C. R. Forbes-Leith, Bt.	5	0	6	200	..	34.80	181	166
4.—UGIE & C. 257 sq. mi.									
Buchanness	Com'rs. of N. Lighth's	5	2	0	39	..	31.00	..	152
D New Deer School House	J. A. Thomson, Esq.	5	1	0	397	32.3	36.49	227	178
D Peterhead (Stock Bridge)	J. Robertson, Esq.	5	1	1	150	..	36.01	220	160
D Peterhead (Mains of Buthlaw)	W. Johnston, Esq.	5	1	6	120	..	33.82	218	162
D Peterhead (Forehill Works)	J. Dickie, Esq., C.E.	5	0	8	133	..	34.55	225	170
D Brucklay Castle	A. Dingwall Fordyce, Esq.	8	1	0	300	..	40.58	195	177
5.—DEVERON & C. 248 sq. mi.									
D Drumblade Public School	G. Harper, Esq.	5	1	0	485	..	34.09	245	173
D Huntly	R. Milne, Esq.	5	1	0	390	..	34.05	..	..
D Huntly (Cruchie)	Miss C. Joss	5	4	0	400	..	34.01	231	164

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		Ground		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
			Rim above Ground.		Sea Level.				
BANFF. (Area, 630 sq. mi.)			in.	ft.	in.	ft.	in.		
1.—YTHAN. 1 sq. mi.									
2.—DEVERON & C. 344 sq. mi.									
d Drummuir Castle	G. C. Chessor, Esq.	5	1	0	600	..	36·01	..	..
d Keith Station	J. Ogston, Esq.	5	1	0	364	33·8	34·11	205	169
d Turriff (Forglen Gardens)	Mr. G. Stuart	5	1	0	220	..	32·39	241	174
d Gamrie (Clenterty P. School) ..	T. H. Smith, Esq.	5	0	10	420	..	41·68	230	178
d Banff	I. H. Gordon, Esq.	5	0	9	130	..	28·09	225	157
d Buckie (Rochonnie)	W. Hendry, Esq.	5	1	4	334	..	24·53	..	..
d Buckie (West Church Street) ..	W. Hendry, Esq.	5	1	4	76	..	25·44	..	..
d Cullen House Gardens	Mr. R. Ferguson	5	1	0	100	32·4	28·70	188	146
3.—SPEY—Right Bank Tributaries. 285 sq. mi.									
d Ballindalloch	C. Mackenzie, Esq.	8	1	0	640	..	29·37	219	157
d Dufftown	Jas. Sim, Esq.	8	0	11	552	..	34·47	209	169
d Aberlour (Dailuaine)	Mr. J. Tullo	5	1	0	500	..	30·02	228	152
d Aberlour Orphanage	J. G. White, Esq.	5	1	0	350	..	29·55	192	156
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	29·8	26·68	215	154
3.—SPEY—Left Bank Tributaries. 133 sq. mi.									
d Grantown-on-Spey	W. A. Watson, Esq.	5	1	1	700	31·1	29·26	234	143
d Knockando (Windmill Cottage) ..	Mr. L. Younie	5	1	0	600	..	32·08	233	169
d Aberlour (Wester Elchies)	Mr. A. Ross	5	1	0	550	..	30·29	205	162
4.—LOSSIE & C. 154 sq. mi.									
d Lhanbryde (Blackhills House) ..	T. N. Christie, Esq.	5	3	6	310	..	27·30	222	165
d Elgin (Rotha)	W. C. Young, Esq.	5	1	0	60	..	22·97	..	..
d Duffus House	Mr. W. Ogg	5	1	0	55	..	24·82	179	155
5.—FINDHORN & C. 148 sq. mi.									
d Darnaway Castle Gardens	Earl of Moray	5	1	6	170	..	27·15	189	149
d Forres (Knockonnie)	W. Fraser, Esq.	5	1	0	93	..	23·92	..	..
NAIRN. (Area, 163 sq. mi.)									
1.—FINDHORN & C. 102 sq. mi.									
d Ardclach (Glenferness)	Mr. A. McKenzie	8	1	6	700	..	34·17	206	169
2.—NAIRN & C. 61 sq. mi.									
d Cawdor Castle	(R) Mr. D. Chapman	8	4	3	225	29·2	31·53	211	149
d Nairn (Balblair)	Major H. C. H. Allanby ..	5	1	0	94	..	23·31	200	141
d Nairn (Achareidh)	Major K. S. Clarke	8	1	0	59	24·6	25·07	231	158
d Nairn (Delnies)	The Meteorological Office .	8	1	9	82	24·9	23·30	218	144

DIVISION XVIII.—NORTH-WESTERN COUNTIES.

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of		Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
		in.	ft.	in.		ft.				in.	in.
INVERNESS. (Area, 4146 sq. mi.)									
1.—TAY—Tummel. 28 sq. mi.									
d Loch Ericht (Ben Alder Lodge)	Mr. F. Macintosh	5	1	0	1175	..	60·51	281	226
2.—SPEY—Right Bank Tributaries. 437 sq. mi.									
d Dalwhinnic (Drumochter Lo.)	Mr. D. Kennedy	5	1	0	1375	..	56·86	244	205
d Glen Tromie (Gaick Lodge)	Mr. C. Chisholm	5	1	0	1500	..	57·08	264	205
d Nethy Bridge (U.F. Manse)	Rev. John Ross	5	1	0	750	..	25·20	197	132
3.—SPEY—Left Bank Tributaries. 257 sq. mi.									
d Cluny Castle	Mr. A. Macdonald	5	1	0	816	..	42·40	253	195
d Loch Spey	British Aluminium Co. Ltd.	5	1	0	1164	..	74·05	..	..
d Glen Spey (Mealgarve)	British Aluminium Co. Ltd.	8	1	0	1135	..	55·39	242	212
d Laggan (Gergask)	British Aluminium Co. Ltd.	8	1	0	870	..	39·54	243	175
d Kingussie	A. D. Dallas, Esq.	8	1	0	815	..	33·20	243	163
d Alvie Manse	Rev. Dugald Maclean	5	2	0	750	30·3	31·67	..	..
d Carr Bridge (Crannich)	Mrs. A. Doak	5	1	0	850	..	30·80	230	160
4.—FINDHORN. 164 sq. mi.									
5.—NAIRN & C. 131 sq. mi.									
d Gollanfield House	The MacKinnon of MacKinnon	5	0	10	80	..	24·26	193	144
6.—NESS—Right Bank Tributaries. 252 sq. mi.									
d Fort Augustus (St. Benedict's)	The Procurator	5	1	0	68	44·2	49·97	219	172
d Loch Ness (Killin, Whitebridge)	British Aluminium Co. Ltd.	8	1	0	1200	..	57·16	..	..
d Loch Ness (Garthbeg)	British Aluminium Co. Ltd.	8	1	0	645	..	39·12	241	185
d Loch Ness (Foyers)	British Aluminium Co. Ltd.	8	1	0	52	..	37·69	225	170
d Loch Ness (Aberchalder)	British Aluminium Co. Ltd.	8	1	0	700	..	40·31	199	178
d Inverness (Culduthel Res.)	A. Knowles, Esq.	5	1	0	242	..	25·88	202	132
7.—NESS—Garry &c. 185 sq. mi.									
d Loch Quoich (Loan)	Col. D. W. Cameron	5	1	0	650	..	135·15	..	..
d Loch Quoich (Kinlochquoich)	Col. D. W. Cameron	5	1	0	560	..	120·43	234	230
d Loch Quoich (Glenquoich)	T. Mackenzie, Esq.	5	1	2	569	..	109·88	..	..
d Invergarry Gardens	Mr. Sam McDonald	5	1	0	130	58·6	59·07	230	199
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	..	30·65	237	170
10.—BEAULY. 341 sq. mi.									
11.—CROMARTY FIRTH. 13 sq. mi.									
12.—SOUND OF SLEAT. 259 sq. mi.									
d Loch Nevis (Inverie Gardens)	Mr. J. Huggins	5	0	6	15	..	89·84	252	230
d Glenelg Manse	Rev. A. Mactaggart	5	1	0	85	..	49·04	227	193
13.—SOUND OF ARISAIG. 126 sq. mi.									
d Moidart (Kinlochmoidart)	J. C. Stewart, Esq.	5	1	0	13	..	74·28	249	236
d Moidart (Roshven)	Mrs. Wm. Blackburn	5	1	0	40	..	75·35	263	225
d Arisaig (Faire-na-Sguir)	Miss C. C. Astley	5	1	0	30	..	52·89	250	198
d Arisaig House	Mr. W. Grant	5	1	0	45	62·9	66·22	238	215
d Mallaig Manse	Rev. D. M. Sinclair	5	1	0	150	..	59·29	235	213
14.—LOCH LINNHE—Right Bank Tributaries. 48 sq. mi.									
d Loch Eil (Achdaliu)	Col. D. W. Cameron	5	1	0	100	..	69·29..	..	211
15.—LOCHY—Right Bank Tributaries. 143 sq. mi.									
d Loch Arkraig (Achnacarry)	Col. D. W. Cameron	5	1	0	128	..	88·91	252	209
d Glendessary	Col. D. W. Cameron	5	1	0	300	..	107·37	..	..

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
INVERNESS—(con.).								
16.—LOCHY—Left Bank Tributaries. 362 sq. mi.								
Loch Treig (Creaguaineach) . . .	British Aluminium Co. Ltd.	5	1	0	800	81.37	..	..
m Ben Alder (Loch a' Bhealaich) . . .	Mr. F. Macintosh	5	1	0	2360	116.40	..	..
Loch Ossian (Strathossian Ho.)	British Aluminium Co. Ltd.	8	1	0	1180	76.02	..	..
Roybridge (Lairig Road)	British Aluminium Co. Ltd.	8	1	0	1650	93.36	..	..
m Ben Alder (Lochan Sgoir)	Mr. F. Macintosh	5	1	0	2300	120.30	..	..
Spean Bridge (Scurr Finisgaig) . . .	British Aluminium Co. Ltd.	8	1	0	2000	110.35	..	..
Loch Treig (Fersit)	British Aluminium Co. Ltd.	8	1	0	850	60.86	..	..
Glen Spean (Craigbeg)	British Aluminium Co. Ltd.	8	1	0	860	56.07	..	..
Loch Lochy (Invergloy)	Mr. J. Strang	5	1	0	200	72.89	..	..
17.—LOCH LINNHE—Left Bank Tributaries. 120 sq. mi.								
D North Ballachulish (Alltshellach) B. Chinnery-Haldane, Esq.		5	2	1	80	81.95	249	222
D Glenleven (Blackwater Dam, N) 7 British Aluminium Co., Ltd.		8	1	0	1072	97.84	275	232
D Kinlochleven (Kinlochmore Lo.) Mr. D. MacKenzie		5	1	0	115	99.45	262	229
Kinlochleven (Mamore Lodge)	Mr. D. MacKenzie	5	1	8	700	103.40	..	..
Glenleven (Invercam)	No. 6 British Aluminium Co., Ltd.	8	1	6	1070	84.31	..	..
Glenleven (Cirain)	No. 3 British Aluminium Co., Ltd.	8	1	6	1200	85.64	..	..
Glenleven (Loch Eilde Mhor) 8 British Aluminium Co., Ltd.		8	1	6	1130	101.22	..	..
Glenleven (Loch Eilde Beg) No. 9 British Aluminium Co., Ltd.		8	1	6	1125	102.46	..	..
Glenleven (Corrour)	No. 5 British Aluminium Co., Ltd.	8	1	6	1260	78.13	..	..
D Fort William	J. F. Watson, Esq.	5	1	0	281	78.8	82.17	253 211
18.—INSULAR, INNER HEBRIDES. 786 sq. mi.								
Hyskier	Com'rs. of N. Lighth's	5	0	5	31	43.60	200	193
D Skye (Kyleakin, Dunningell)	Maj. A. D. Mackinnon, C.M.G.	5	2	1	80	68.99	255	208
Kyleakin Lighthouse	Com'rs of N. Lighthouses . .	5	0	8	28	52.13	..	208
Orusay Lighthouse	Com'rs of N. Lighthouses . .	5	0	6	10	59.60	..	..
D Skye (Scalpay Island)	Mr. D. Gunn	5	1	0	4	80.09	248	215
D Skye (Portree)	D. Dewar, Esq.	5	1	0	65	76.72	257	228
D Skye (Dunvegan)	Mrs. Mackenzie	5	3	0	47	65.71	242	208
D Skye (Skeabost)	Mr. G. Brown	5	2	0	7	80.68	260	223
Rona	Com'rs. of N. Lighth's	5	1	3	202	30.85	220	177
19.—INSULAR, OUTER HEBRIDES. 243 sq. mi.								
Glas Island Lighthouse	Com'rs of N. Lighthouses . .	5	0	9	31	50.66	230	217
Monach Lighthouse	Com'rs of N. Lighthouses . .	8	0	4	2	35.76	219	208
D Barra (Castlebay)	The Meteorological Office . .	8	1	0	37	33.01	233	173
D Barra, Eoligarry	Malcolm MacNeil, Esq.	5	..	..	..	41.87	240	187
Lochmaddy (Vallay)	George Beveridge, Esq.	5	0	11	21	34.72	..	..
D N. Harris (Amhuinsuidh Castle) Norman Robertson, Esq.,		5	1	3	12	59.44	266	229
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	22.21	203	137
D Fearn (Geanies)	A. Munro, Esq.	5	0	11	200	23.68	..	..
4.—CROMARTY FIRTH. 714 sq. mi.								
D Achnasheen (Ledgowan)	Mr. J. W. Macrae	5	1	0	500	71.43	240	218
D Strathpeffer	W. P. Hutton, Esq.	8	1	0	125	30.5	34.29	234 168
D Cromarty House	Brig.-Gen. W. C. Ross, C.B.	5	1	0	85	25.41	220	153
Cromarty	Com'rs. of N. Lighth's	5	1	0	..	20.01 ?	201	135
D Alness (Ardross Castle)	Mr. John Melrose	5	1	0	450	38.5	41.54	234 180

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

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Rain- fall.	Days with ·01 in. or more.	Days with ·04 in. or more.
ROSS & CROMARTY—(con.).		in.	ft.	in.	ft.	in.	in.		
5.—DORNOCH FIRTH. 355 sq. mi.									
▮ Tain (Ardlarach)	Lt.-Col. C. MacIver Ritchie	5	0	6	400	..	32·30	220	178
Tarbetness	Com'rs. of N. Lighths's. .	5	1	10	62	..	22·79	214	177
Ardgay (Gledfield) .....	..	..	..	..	..	..	44·10	..	..
6.—ENARD BAY. 78 sq. mi.									
7.—LOCH BROOM & C. 367 sq. mi.									
Loch a' Bhraoin (Voain)	R. Matheson, Esq.	8	0	9	822	..	66·93	..	..
Loch Drome	Rev. Sir Montague-Fowler.	8	0	7	850	..	66·15	..	..
Braemore House	Rev. Sir Montague-Fowler.	8	0	7	800	..	69·22	..	..
Inverbroom House	Rev. Sir Montague-Fowler.	8	0	7	50	..	58·22	..	..
▮ Ullapool	Dr. D. Wallace	5	1	6	75	..	48·13	248	193
8.—LOCH EWE, LOCH TORRIDON & C. 423 sq. mi.									
▮ Loch Torridon (Bendamph) ...	Earl of Lovelace	5	1	0	20	85·1	84·26	229	223
▮ Poolewe (Inverewe Gardens) ..	Mr. W. Hepburn	5	0	6	20	..	60·60	247	208
Rudh Ré Lighthouse	Com'rs. of N. Lighths's. .	5	0	6	53	..	42·03	231	191
9.—LOCH CARRON, LOCH ALSH & C. 401 sq. mi.									
▮ Glenshiel (Ratagan)	Forestry Commission	5	1	0	12	..	90·02	209	202
Loch Carron (Strome Ferry) ..	Mr. D. D. Munro	5	1	0	..	..	67·62	..	..
▮ Loch Carron (Dunhulladale) ...	Mrs. G. J. Campbell	5	1	0	9	..	73·34	282	230
Applecross Gardens	Mr. D. McCowan	5	1	0	70	57·3	59·50	..	..
▮ Achnashellach	Mr. W. McClymont	5	1	0	225	..	90·15	243	218
10.—INSULAR, OUTER HEBRIDES. 691 sq. mi.									
▮ Stornoway (Leurbost School) ..	P. Copland, Esq.	5	0	6	100	..	44·00	252	201
Tiumfanhead Lighthouse	Com'rs of N. Lighthouses..	5	1	0	103	..	35·98	..	..
Stornoway Lighthouse	Com'rs. of N. Lighths's. .	5	0	6	28	..	44·68	201	198
▮ Stornoway	The Meteorological Office .	8	1	0	30	49·9	49·46	264	213
Butt of Lewis Lighthouse	Com'rs of N. Lighthouses..	8	3	9	51	..	47·07	..	..

DIVISION XIX.—NORTHERN COUNTIES.

SUTHERLAND. (Area, 2080 sq. mi.)									
1.—DORNOCH FIRTH. 413 sq. mi.									
▮ Lairg	A. Gunn, Esq.	5	1	0	330	..	41·23	241	188
2.—FLEET, BRORA & C. 309 sq. mi.									
▮ Golspie (Technical School)	E. W. Read, Esq.	5	1	9	100	..	37·26	235	175
Brora	C. A. Akroyd, Esq.	5	0	6	60	..	32·75	204	152
3.—HELMSDALE & C. 226 sq. mi.									
▮ Helmsdale	Mr. W. Stalker	5	1	0	120	..	29·88	247	212
4.—NORTH COAST STREAMS 736 sq. mi.									
▮ Borgie (Skerryay)	Wm. Mackay, Esq.	5	1	0	110	..	39·06	218	184
▮ Tongue Manse	Rev. David Lundie	5	1	0	180	41·0	39·38	263	199
▮ Melvich	A. MacIntosh, Esq.	5	1	0	200	36·0	34·67	..	186
Cape Wrath	Com'rs. of N. Lighths's. .	5	0	9	346	..	49·68	217	209
5.—LOCH LAXFORD & C. 256 sq. mi.									
▮ Loch More (Achfary)	Mr. J. Munro	5	1	0	137	75·8	89·48	269	242

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

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
SUTHERLAND—(con.).		in.	ft.	in.	ft.	in.		
6.—ENARD BAY. 138 sq. mi.								
Loch Assynt (Inchnadamph Hotel)	W. Morrison, Esq.	5	1	0	235	..	61.38	..
Stour Head	Com'rs. of N. Lighths's	5	0	10	174	..	33.27	234 180
7.—INSULAR. 2 sq. mi.								
CAITHNESS. (Area, 696 sq. mi.)								
1.—BERRIEDALE, DUNBEATH & C. 169 sq. mi.								
Clythness	Com'rs. of N. Lighths's.	5	1	5	133	..	30.55	211 160
2.—WICK & C. 184 sq. mi.								
Wick (South Head C. G. Stn.)	The Meteorological Office	8	1	2	81	29.9	32.04	252 175
Nosshead	Com'rs. of N. Lighths's.	5	0	9	129	26.7	31.95	172 149
3.—THURSO & C. 238 sq. mi.								
Altnabreac	Mr. G. MacLennan	5	1	0	500	..	37.93	222 202
Thurso (Buckies)	J. H. M. Davidson, Esq.	5	0	11	240	..	39.33	228 198
Thurso (Holborn Head)	Com'rs. of N. Lighths's.	5	0	8	68	..	28.72	233 168
Dunnet Head	Com'rs. of N. Lighths's.	5	1	0	331	..	36.21	218 187
Duncansby Head	Com'rs. of N. Lighths's.	5	..	..	..	..	30.13	.. 177
4.—FORSS & C. 104 sq. mi.								
Reay (The Manse)	Rev. Dugald Carmichael	8	1	0	49	..	35.04	254 192
5.—INSULAR. 1 sq. mi.								
Stroma	Com'rs. of N. Lighths's.	5	3	0	54	..	29.84	197 161
ORKNEY. (Area, 389 sq. mi.)								
Hoy (Cantickhead)	Com'rs of N. Lighths's	5	3	10	68	35.5	38.18	195 169
Pentland, Skerries Lighthouse	Com'rs of N. Lighths's	5	3	0	70	..	29.24	196 146
Hoy (Graemsay Sound, High)	Com'rs of N. Lighths's	5	1	4	29	35.9	38.32	.. ..
Hoy (Graemsay Sound, Low)	Com'rs of N. Lighths's	8	4	4	40	36.7	44.85	203 184
Pomona (Deerness)	The Meteorological Office	5	1	0	160	35.4	45.48	279 182
Hellyar Holm	Com'rs of N. Lighths's	5	1	3	35	..	43.98	266 213
Shapinsay (Balfour Castle)	Mr. W. Liddell	5	0	6	50	31.6	35.18	.. ..
Auskerry	Com'rs of N. Lighths's	5	1	0	22	..	35.57	262 184
Sanday (Start Point)	Com'rs of N. Lighths's	5	1	0	27	32.3	35.49	196 182
North Ronaldshay	Com'rs of N. Lighths's	5	0	9	22	..	42.56	244 196
SHETLAND. (Area, 558 sq. mi.)								
Lerwick (Ft. Charlotte)	The Meteorological Office	8	1	0	54	38.0	43.02	246 190
Lerwick Observatory	(+A) The Meteorological Office	8	1	0	269	..	41.83	254 199
Bixter (Venentry)	Andrew Tait, Esq.	5	1	1	25	..	42.55	246 188
Unst (Baltasound, Halligarth)	Dr. T. E. Saxby	5	1	9	31	..	46.79	290 200

IRELAND.

DIVISION XX.—MUNSTER.

STATIONS.	AUTHORITIES	Rain-gauge				Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with '01 in or more.	Days with '04 in. or more.	
CORK. (Area, 2873 sq. mi.)		in.	ft.	in.	ft.	in.			
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	..	50·18	..	
d Garinish Island	T. O'Donohoe, Esq.	5	0	9	15	..	70·07	217 194	
5.—DUNMANUS BAY. 57 sq. mi.									
6.—BANDON & C. 694 sq. mi.									
d Toormore (Altar Rectory)	Rev. J. Q. Conolly	8	1	0	60	..	44·67	220 169	
d Castle Townshend (GlenBarrahane) ..	Sir M. P. Coghill, Bt.	5	1	3	100	44·7	39·47	225 170	
d Castle Townshend (Seafield)	Major H. Chavasse	5	0	8	40	..	42·35	211 170	
d Skibbereen (Hollybrook Farm) ..	C. M. Morgan, Esq.	8	1	6	60	..	50·63	203 177	
d Caheragh (The Rectory)	Rev. A. W. Whitley	5	1	0	98	..	52·00	204 168	
d Clonakilty (Shannon Vale Ho.) ..	T. J. Bennett, Esq.	5	1	3	135	..	38·30	193 169	
d Kinsale (Scilly House)	J. J. Orr, Esq., M.D.	5	1	0	62	..	34·26	183 145	
d Dunmanway (The Rectory) ..	Rev. Canon A. Wilson	5	1	6	205	60·3	55·06	232 187	
d Enniskean (Desertserges Rect.) ..	F. W. Dobbin, Esq., M.D.	5	1	6	125	..	45·45	198 160	
7.—CORK HARBOUR. 726 sq. mi.									
d Cork (University College). (+A) ..	Prof. H. N. Walsh	5	1	0	65	40·0	37·84	209 153	
d Cork (Wellington Road)	R. C. Sikes, Esq., C.E.	5	2	2	120	..	38·74	200 157	
d Midleton (Ballincurra)	J. H. Bennett, Esq.	8	0	8	24	40·4	35·25	195 144	
d Glanmire (Lota Lodge) ..	No. 1 A. F. Sharman-Crawford, Esq.	5	1	0	200	41·6	39·77	225 163	
Cork (St. Anns Hill Hydro.)	Dr. R. H. Barter*	8	1	0	216	..	36·29	..	
8.—WOMANAGH & C. 118 sq. mi.									
d Roches Point	The Meteorological Office..	8	1	0	22	41·9	33·21	204 139	
d Shanagarry (Kinoith)	Miss L. P. Strangman	5	1	0	75	..	31·57	179 145	
9.—BLACKWATER. 922 sq. mi.									
d Mallow (Longueville)	R. E. Longfield, Esq.	5	1	0	310	40·1	37·71	213 167	
Mallow (Hazlewood)	E. McLysaght, Esq.* .....	..	..	..	360	..	38·94	..
Kanturk (Castlecarr)	Mrs. Norton Barry .....	..	..	..	..	..	36·78	221 163
10.—SUIR. 3 sq. mi.									
11.—INSULAR. 26 sq. mi.									

*Per Irish Rainfall Association.

DIVISION XX.—MUNSTER—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926			
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.		Days with 01 in. or more.	Days with 04 in. or more.		
KERRY. (Area, 1851 sq. mi.)		in.	ft.	in.	ft.	in.				
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	..	59.25	..	..
3.—DINGLE BAY. 789 sq. mi.										
d Cahirciveen (Valentia Obs.)	(+A) The Meteorological Office..	8	1	0	30	55.7	51.11	237	191	
Killarney (Torc Mountain)	A. R. Vincent, Esq.*	..	..	1750	..	..	109.30	..	..
Killarney (Muckcross Garden)	A. R. Vincent, Esq.*	..	..	100	..	..	45.15?	..	..
Killarney (Muckcross Lawn)	A. R. Vincent, Esq.*	..	..	100	..	..	47.95?	..	..
d Killarney (Flesk Mills)	J. Lawlor, Esq.*	8	2	6	95	..	49.76	186	161	
d Killarney (District Asylum)	E. W. Griffin, Esq., M.D.	5	1	2	173	54.7	47.67	226	172	
d Killarney (Lakeview)	Sir M. O'Connell, Bt.	5	0	10	120	..	51.65	170	165	
d Killorglin (Callinafercy)	Maj. M. R. Leeson-Marschall	5	2	0	30	..	50.03	170	162	
4.—KENMARE & C. 426 sq. mi.										
d Darrynane Abbey	Miss M. O'Connell	5	3	0	13	51.0	48.46	233	183	
d Kilgarvan (Inchamore)	Prof. H. N. Walsh	5	1	0	470	..	104.08	..	184	
d Kenmare (Dromore Castle)	Lt.-Col. E. Hood	5	1	4	90	65.1	62.66	236	208	
d Kenmare (Sheen Falls)	Earl of Kerry	5	0	5	25	..	65.69	240	211	
5.—BLACKWATER. 30 sq. mi.										
6.—INSULAR. 13 sq. mi.										
WATERFORD. (Area, 715 sq. mi.)										
1.—BLACKWATER. 243 sq. mi.										
2.—COLLIGAN & C. 259 sq. mi.										
3.—SUIR. 213 sq. mi.										
d Waterford (Brook Lodge)	Miss Bolton	5	1	0	104	39.5	35.50	188	148	
d Waterford (Gortmore)	Mrs. N. H. White	5	1	2	137	37.8	37.45	190	140	
d Portlaw (Mayfield)	Mr. M. Sheehan	8	0	10	25	42.4	40.42	202	157	
d Portlaw (Curraghmore Gdns.)	Mr. W. H. Arrowsmith	5	1	0	95	..	52.21	198	170	
d Carrick-on-Suir (Seskin)	J. Ernest Grubb, Esq.	8	1	0	542	45.0	42.10	215	157	
TIPPERARY. (Area, 1660 sq. mi.)										
1.—SHANNON—Left Bank Tributaries. 582 sq. mi.										
Cappaghwhite (Greenfields Stud)	Mr. P. Schofield*	5	1	9	350	..	31.63	..	..
d Nenagh (Traverston)	Miss A. H. Norris	5	1	0	333	45.2	41.24	264	181	
d Killaloe (Ballina)	Office of Public Works	5	2	0	126	47.4	42.36	225	174	
d Nenagh (St. Mary's Rectory)	Rev. Canon C. W. McDowell	5	1	0	180	..	34.74	209	167	
d Nenagh (Castle Lough)	S. Parker-Hutchinson, Esq.	5	1	3	120	39.5	40.80	230	175	
d Terryglass (Old Court)	M. D. Hickie, Esq.	5	1	0	150	..	33.03	213	153	
d Terryglass (Slevoyre)	Gen. Sir W. B. Hickie, K.C.B.	8	1	0	143	..	31.24	213	146	

* Per Irish Rainfall Association.

DIVISION XX.—MUNSTER—(con.).

STATIONS.	AUTHORITIES	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain-fall.		Days with '01 in. or more.	Days with '04 in. or more.	
TIPPERARY—(con.).		in.	ft.	in.	ft.	in.	in.		
2.—BLACKWATER. 21 sq. mi.									
3.—SUIR. 965 sq. mi.									
	Clonnel (Coolgreany) Mrs. J. Crean*	8	1	0	100	..	37.75	..	..
D	Cahir (Abbey) Mrs. W. Rochfort	5	1	0	160	39.7	35.48	207	148
	Fethard (Coolmore) Miss Murphy*	5	1	0	347	..	34.65	..	..
D	Cashel (Ballinamona) E. W. M. Murphy, Esq.	5	1	0	262	..	32.13	224	146
	Thurles (Brittas Castle) Mrs. Knox*	6	1	0	360	..	31.41	..	..
	Templemore (Barnane) Capt. A. Carden, R.A.	5	1	0	650	..	41.30	..	..
4.—BARROW—Nore. 92 sq. mi.									
	Kilcooley Abbey. F. Sefton, Esq.*	5	1	3	500	..	34.80 ?	..	..
D	Roscrea (Timoney Park) S. Parker-Hutchinson, Esq.	5	1	0	475	36.2	32.83	206	160
LIMERICK. (Area, 1040 sq. mi.)									
1.—SHANNON—Right Bank Tributaries. 7 sq. mi.									
2.—SHANNON—Left Bank Tributaries. 944 sq. mi.									
d	Abbeyfeale (Springmount Sch.) J. F. O'Kelly, Esq.	5	1	0	360	..	44.12	..	..
D	Knocklong (Kilfrush) F. J. B. Gubbins, Esq.	5	1	0	312	..	35.54	195	155
	Glin (Shannon Lawn) C. V. Hickie, Esq.	5	3	6	20	..	42.00	..	..
D	Foynes (Coolnanes) Lord Monteagle	5	1	0	50	39.7	38.46	246	169
D	Foynes (National School) W. Purtill, Esq.	5	2	8	15	..	36.91	199	156
	Limerick (O'Connell Street) . . R. Davison, Esq., C.E.*	5	1	0	51	37.9	33.26	..	..
D	Limerick (Mulgrave Street) . . Messrs. W. J. Shaw & Sons	5	1	1	60	..	34.50	222	171
	Limerick (Boat Club) W. J. C. Horne, Esq.	5	1	0	50	..	35.38	..	..
D	Castleconnell Rectory Rev. L. G. Davis	5	1	0	88	..	35.88	188	158
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	Kilkee (Marine Parade) R. N. Griffin, Esq.	5	1	1	9	..	42.70	237	180
D	Inagh (Mount Callan) Lt.-Col. F. Tottenham	5	1	0	479	67.2	63.57	232	220
3.—SHANNON—Right Bank Tributaries. 854 sq. mi.									
D	Dromoland Castle Lord Inchiquin	5	1	6	35	..	40.52	226	180
D	Broadford (Hurdlestown) Lt.-Col. W. A. Bentley	5	1	0	167	..	45.28	234	185
D	Tuamgraney (Raheen Ho) E. MacLysaght, Esq.*	5	0	7	234	..	50.07	221	182
4.—INSULAR. 22 sq. mi.									

* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER.

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain- fall.	1926		
		Diam. Rim above Ground.	Height of Ground above Sea Level.				Rain- fall.	Days with 01 in. or more.	Days with 04 in. or more.
WEXFORD. (Area, 902 sq. mi.)		in.	ft.	in.	ft.	in.	in.		
1.—BARROW. 43 sq. mi.									
2.—OWENDUFF & C. 240 sq. mi.									
Foulkesmill (Longraigue)	Miss J. Deane	5	1	1	220	39.3	40.97	..	..
3.—SLANEY & C. 467 sq. mi.									
d Johnstown Castle	Lady Maurice Fitzgerald	5	1	0	201	..	39.61	172	153
d Enniscorthy Rectory	Rev. H. C. Lyster	5	1	0	100	..	39.17	207	162
d Enniscorthy (Monksgrange)	Goddard H. Orpen, Esq.	5	1	0	565	49.0	45.96	216	173
d Enniscorthy (Woodbrook)	E. C. Blacker, Esq.	5	1	0	370	48.8	51.12	214	193
d Newtownbarry (Weston)	G. T. Lewis, Esq.	5	1	0	153	..	38.37	193	152
4.—OWENAVORRAGH & C. 146 sq. mi.									
d Gorey (Courtown House)	Earl of Courtown	5	3	0	60	34.7	37.08	188	135
5.—OVOCA & 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	..	35.26	220	137
2.—BARROW—Nore. 527 sq. mi.									
d Kilkenny (Lavistown House)	Miss F. E. Butler	5	2	5	170	..	38.00	189	153
d Kilkenny Castle	Earl of Ossory	8	1	6	194	33.1	32.60	213	149
d Castlecomer House	Capt. R. H. Prior-Wandesforde	5	1	0	380	39.6	37.15	205	157
3.—BARROW. 109 sq. mi.									
WICKLOW. (Area, 781 sq. mi.)									
1.—BARROW. 12 sq. mi.									
2.—SLANEY. 200 sq. mi.									
d Shillelagh (Coollattin Gardens)	Mr. F. W. Cox	5	0	9	383	42.0	39.38	174	149
3.—OVOCA & C. 241 sq. mi.									
d Arklow Rectory	Mrs. C. L. Strong	5	3	6	186	..	32.71	194	145
d Rathdrum (Avondale)	A. C. Forbes, Esq.	5	1	0	400	..	39.46	168	137
4.—VARTRY & C. 193 sq. mi.									
d Rathnew (Clonmannon)	H. R. S. Truell, Esq.	5	1	6	27	33.1	30.12	194	139
d Roundwood (Vartry Lodge)	Dublin Corporation W.W.*	5	1	8	720	45.0	39.02	..	..
d Roundwood	Dublin Corporation W.W.*	5	1	8	750	44.6	40.23	..	..
d Newcastle (Killadreenan)	Dr. C. Denys Hanan	8	1	2	256	..	32.54	185	142
d Greystones (Rathdown)	late Miss L. Armstrong	5	0	6	160	..	32.65	200	146
5.—LIFFEY & C. 135 sq. mi.									
d Blessington Rectory	Rev. W. Reeves Scully	5	0	8	670	..	38.14	214	152

* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.	Rain- fall.	Days with 01 in. or more.		Days with 04 in. or more.		
CARLOW. (Area, 346 sq. mi.)										
1.—BARROW—Nore. 9 sq. mi.										
2.—BARROW. 216 sq. mi.										
D Bagnalstown (Fenagh House)	D.R.P. Beresford, Esq. O.B.E.	5	1	0	340	34.9	34.07	213	143	
D Carlow (Belmont)	Capt. E. M. Thomas	5	1	0	191	..	33.93	181	152	
D Carlow (Browne's Hill)	Brig.-Gen. R. Browne Clayton	5	1	0	291	34.1	31.99	196	159	
3.—SLANEY. 121 sq. mi.										
D Rathvilly (Lisnavagh Gardens)	C. E. Faulkner, Esq.	5	4	0	400	..	36.40	216	179	
D Hacketstown Rectory	Rev. C. S. S. Ellison	5	1	2	590	39.5	36.33	229	159	
QUEEN'S COUNTY. (Area, 664 sq. mi.)										
1.—SHANNON—Left Bank Tributaries. 25 sq. mi.										
2.—BARROW—Nore. 339 sq. mi.										
D Abbey Leix (Blandsfort)	H. Bland, Esq.	5	2	6	532	36.5	34.66	218	164	
3.—BARROW. 300 sq. mi.										
D Carlow (Sunnyside)	E. Shackleton, Esq.	5	1	0	178	33.2	36.15	204	155	
D Mountmellick (Summer Grove)	W. A. Robinson, Esq.	5	1	0	252	..	35.57	219	165	
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	32.6	31.39	219	158	
D Meelick (Victoria Lock)	Office of Public Works	5	2	0	121	29.9	28.76?	215	145	
D Tullamore (Rathrobin)	J. Bracken, Esq.*	5	1	0	400	28.0	33.23	..	..
D Tullamore (St. Catherine's Rect.)	The Very Rev. R. S. Craig	5	1	6	201	32.6	30.11	213	149	
D Tullamore (St. Vincent's Hosp.)	Dr. G. A. Moorhead	5	1	0	225	..	30.62	280	148	
D Ferbane (Turraun Peat Works)	Leinster Carbonizing Co.	8	1	2	165	..	32.76	188	153	
D Ballycumber (Bellair Ho.)	Mrs. F. B. Mulock*	5	..	290	..	34.59	..	..	..
2.—BARROW—Nore. 5 sq. mi.										
3.—BARROW. 156 sq. mi.										
D Edenderry (Tubberdaly Ho.)	J. Murphy, Esq.	5	1	0	330	..	30.56	..	..
4.—BOYNE. 51 sq. mi.										
KILDARE. (Area, 654 sq. mi.)										
1.—BARROW. 332 sq. mi.										
2.—LIFFEY. 246 sq. mi.										
D Straffan House	B. H. Barton, Esq.	5	1	0	256	31.4	27.14	206	149	
3.—BOYNE. 76 sq. mi.										

* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge					Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.				Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
DUBLIN. (Area, 354 sq. mi.)		in.	ft.	in.	ft.	in.	in.			
1.—VARTRY & C. 23 sq. mi.										
d Shankill (Sherrington)	Lt.-Col. J. C. W. Erck . . .	5	1	0	115	..	28·90	183	131	
d Carrickmines (Claremount)	John Read, Esq.	5	0	11	300	30·6	30·48	..	..
d Killiney (Rathleigh)	H. Maunsell, Esq.	5	3	6	..	..	27·28	190	142
2.—LIFFEY & C. 188 sq. mi.										
d Glen-na-Smoel (Rathmines WW)	W. H. Lambert, Esq.	5	1	0	510	48·8	33·20?	215	161	
d Stillorgan (Vartry Res.)	R. Jackson, Esq.*	5	1	4	278	..	28·20	..	..
d Ballyboden (Rathmines W.W.)	W. H. Lambert, Esq.	5	1	0	344	47·7	32·80?	204	148	
d Stillorgan (Farmleigh)	T. Jackson, Esq.	5	1	1	220	..	32·43	235	159	
d Kingstown (Harbour Yard)	Office of Public Works . . .	8	1	0	52	28·3	28·25	..	136	
d Kingstown (People's Park)	Surveyor, U.D.C.*	8	1	6	25	..	26·60	216	141	
d Rathfarnham Castle	Rev. A. F. Burke, S.J.	8	1	0	175	..	31·75	194	127	
d Belgard Castle	Capt. A. F. Maude	5	1	6	400	..	27·41	194	145	
d Rathmines (Neville Road)	T. H. Mason, Esq.	5	6	0	100	..	26·94	186	146	
d Harold's Cross (Pretoria Terrace)	E. H. Cannon, Esq.	5	0	11	155	27·5	26·44	206	136	
d Donnybrook (Belmont Avenue)	Douglas Waring, Esq.	5	0	9	100	..	27·77	186	121	
d Donnybrook (Anglesea Road)	F. C. D. Joynt, Esq.	5	1	0	30	..	27·14	195	135	
d Clondalkin (Cheeverstown)	Miss M. Love	5	1	4	350	..	27·75	..	..
d Dublin (FitzWilliam Square)	Sir J. W. Moore, M.D.	8	1	6	54	27·4	26·70	214	133	
d Dublin (Trinity College)	Prof. W. E. Thrift	8	1	0	12	26·1	25·16	215	130	
d Dublin (Phoenix Park)	Ordnance Survey Office . . .	8	1	0	155	27·6	27·30	213	133	
d Lucan (Peamount San.)	Medical Officer.	5	5	9	366	..	26·40	200	139	
d Glasnevin (Roy, Botanic Gdns.)	Sir F. W. Moore	8	1	0	55	27·9	27·67	215	140	
d Howth Castle	J. Gaisford St. Lawrence, Esq. .	5	1	9	35	..	25·00	193	140	
3.—NANNY, DELVIN & C. 142 sq. mi.										
d Malahide (Seamount)	J. G. Jameson, Esq.	5	1	0	150	..	26·82	196	149	
d Malahide (St. Andrews)	Rev. T. Lindsay* . . . . .	..	..	..	100	..	27·81	..	140
d Lusk (Nevitt)	W. Monks, Esq.	5	1	0	139	..	29·95	221	140	
d Skerries (Milverton Hall)	Capt. E. G. Woods	5	1	6	190	28·0	27·95	194	141	
d Balbriggan (Ardgillan)	No. 1 Capt. E. R. Taylor	5	1	0	210	29·0	28·43	209	144	
4.—INSULAR. 1 sq. mi.										
d Lambay Island	Hon. Cecil Baring	5	1	0	20	27·4	25·15	171	125	
MEATH. (Area, 909 sq. mi.)										
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	33·3	31·15	210	158	
3.—NANNY, DELVIN & C. 150 sq. mi.										
4.—BOYNE. 560 sq. mi.										
d Summerhill House	Mr. W. Lauder	5	1	0	372	33·7	32·70	199	156	
d Dunsany Castle Gardens	Mr. J. B. Pow	5	1	0	323	..	31·75	213	153	
d Athboy (Frankville)	Mrs. C. Coghill	8	0	3	227	35·5	38·76	193	179	
d Beauparc (St. Cloud)	W. J. Hopkins, Esq.	5	1	0	215	..	31·08	198	152	
d Kells (Headfort)	The Marquis of Headfort.. . .	8	0	8	227	37·1	35·84	226	162	
5.—DUNDALK BAY. 95 sq. mi.										

* Per Irish Rainfall Association.

DIVISION XXI.—LEINSTER—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Average Rain-fall.	1926		
		Diam.	Height of Rim above Ground.		Height of Ground above Sea Level.		Rain fall.	Days with 01 in. or more.	Days with 04 in. or more.
WESTMEATH. (Area, 712 sq. mi.)		in.	ft.	in.	ft.	in.	in.		
1.—SHANNON—Left Bank Tributaries. 517 sq. mi.									
D Athlone	Office of Public Works	5	2	9	132	28·2	28·48?	197	132
D Athlone (Twyford House)	J. P. Hodson, Esq.*	5	1	0	187	37·0	36·96	215	..
D Streamstown (Windmill)	F. W. Jeeves, Esq.	5	1	6	..	..	35·32	216	167
D Moate (Coolatore)	H. A. S. Upton, Esq.	5	1	6	369	36·0	33·18	214	161
D Mullingar (Belvedere House)	Mr. J. Bayliss	5	1	0	367	36·3	38·05	213	146
D Mullingar (Ballynegall Gardens)	Major Hawkesworth Smyth	5	2	3	340	39·0	41·39	203	166
D Rathowen (Cromlyn)	(R) Maj. Gen. J. P. Battersby, C.B.	8	1	6	298	36·1	38·55	227	164
D Castlepollard (Gillardstown Ho.)	W. Hardy, Esq.*	5	1	0	290	..	38·54	182	..
D Castlepollard (Pakenham Hall)	Mr. W. Allan	5	1	6	300	..	38·23	198	157
2.—BOYNE. 195 sq. mi.									
LOUTH. (Area, 316 sq. mi.)									
1.—BOYNE. 32 sq. mi.									
2.—DUNDALK BAY & C. 264 sq. mi.									
D Dundalk Rectory	Rev. T. F. Campbell	5	1	0	10	..	32·21	232	145
D Dundalk (Ballymacallet Mt.)	M. Sellars, Esq., C.E.	5	2	3	670	..	31·54?	..	..
D Dundalk (Aughneskea Res.)	M. Sellars, Esq., C.E.	5	1	3	207	..	38·12	190	159
3.—CARLINGFORD LOUGH. 20 sq. mi.									
Greenore	S. Wilson, Esq.	5	1	0	20	31·9	33·35	180	..
LONGFORD. (Area, 424 sq. mi.)									
1.—ERNE. 61 sq. mi.									
2.—SHANNON—Left Bank Tributaries. 363 sq. mi.									
D Ballymahon (New Castle)	Col. W. A. King-Harman ..	5	2	5	200	36·7	40·17	213	162
D Longford (The Rectory)	Rev. H. Justice	5	1	0	185	..	36·32	216	162
D Cloondraha	Office of Public Works ...	5	2	0	132	..	25·76?	233	131
D Castle Forbes Gardens	The Earl of Granard	8	1	0	161	37·6	35·97	220	165

DIVISION XXII.—CONNAUGHT.

GALWAY. (Area, 2377 sq. mi.)									
1.—ERIFF & C. 141 sq. mi.									
2.—GALWAY BAY NORTH. 277 sq. mi.									
3.—CORRIB. 846 sq. mi.									
▷ Galway (Grammar School)	T. W. Hall, Esq.	5	1	0	50	..	38·05	227	160
▷ Ballynahinch Castle	Mr. F. Chisholm	5	1	9	41	61·0	66·25	264	212
▷ Tuam (Gardenfield)	R. J. Kirwan, Esq., C.E. ...	5	1	0	155	44·1	38·99?	..	..
4.—GALWAY BAY, SOUTH. 281 sq. mi.									

* Per Irish Rainfall Association.

DIVISION XXII.—CONNAUGHT—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge			Average Rain fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level.		Rain-fall.	Days with '01 in. or more.	Days with '04 in. or more.
LEITRIM. (Area, 615 sq. mi.)		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</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	..	30·78?	220 180
d Drumshanbo (Lough Allen Sluice)	Office of Public Works	5	2	0	169	..	28·00?	223 149

DIVISION XXIII.—ULSTER.

CAVAN. (Area, 753 sq. mi.)

1.—ERNE. 489 sq. mi.										
d Crossdoney (Kevit Castle)	F. P. Smith, Esq.	4	2	6	211	..	35·88	205	169	
d Killeshandra (Castle Hamilton) . .	Major W. J. Hamilton . . .	5	4	4	300	..	37·53	..	..
d Ballyhaise (Agricultural Stn.) . .	The Superintendent	5	1	0	206	..	39·55	251	178	
d Belturbet (Cloverhill)	Miss M. L. Gee	5	1	0	202	34·6	34·20	220	165	

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.

d Enniskillen (Castle Coole)	Lady Dorothy Lowry-Corry	5	1	0	240	..	38·79	242	164
d Enniskillen (Portora School) ..	H. S. Scales, Esq.	5	1	0	251	40·3	37·45	..	..
d Belleek (Heronshaw)	T. Beacom, Esq.	5	1	2	150	45·5	44·73	231	204

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	31·4	38·32	222	172
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DIVISION XXIII.—ULSTER—(con.).

STATIONS.	AUTHORITIES	Diam.	Rain-gauge		Average Rain fall.	1926			
			Height of Rim above Ground.	Height of Ground above Sea Level.		Rain fall.	Days with '01 in. or more.	Days with '04 in. or more.	
ARMAGH (Area, 514 sq. mi.).			in.	ft.	in.	ft.	in.		
1.—DUNDALK BAY. 118 sq. mi.									
Crossmaglen (Anamar)	P. Norris, Esq.	5	1	7	384	..	38·66	..	..
2.—CARLINGFORD LOUGH. 23 sq. mi.									
D Bessbrook (The Woodhouse)	J. S. W. Richardson, Esq.	5	1	0	260	..	38·80	200	159
3.—BANN—Lough Neagh, East. 37 sq. mi.									
Lurgan (Belle Vue)	S. A. Bell, Esq., J.P.	5	0	5	200	29·7	28·85	201	150
4.—BANN, UPPER. 144 sq. mi.									
5.—BANN—Lough Neagh, West. 192 sq. mi.									
D Armagh Observatory (+A)	The Meteorological Office..	8	1	0	204	31·7	31·65	213	158
Richhill (Sandymount).....	Mrs. C. B. Lamb	5	1	6	200	..	29·75	..	..
DOWN. (Area, 961 sq. mi.)									
1.—CARLINGFORD LOUGH. 104 sq. mi.									
Newry (Bridge Street House)	C. Blaney, Esq.	5	1	0	23	38·1	37·26	172	142
2.—DUNDRUM BAY & C. 173 sq. mi.									
D Annalong (Belfast W.W.)	C. F. Wheeler, Esq., C.E.	5	2	9	435	..	44·81	231	167
D Mourne Mount'ns (Fofanny Res.)	J. H. H. Swiney, Esq., C.E.	5	1	0	938	..	54·49	174	162
D Seaforde	T. W. Forde, Esq.	8	0	5	180	38·3	41·03	184	171
3.—STRANGFORD LOUGH. 260 sq. mi.									
D Saintfield House	Rev. E. H. Blackwood Price	5	0	9	300	..	34·65	231	161
D Newtownards (The Manse)	A. M. Young, Esq.	5	0	9	38	..	35·40	187	153
4.—COAST STREAMS. 47 sq. mi.									
D Donaghadee (Coastguard Stat.)	The Meteorological Office..	8	1	0	40	31·3	29·89	211	145
D Donaghadee (Craigmore)	Dr. S. B. Coates	5	1	0	60	..	29·71	212	140
5.—BELFAST LOUGH. 206 sq. mi.									
D Waringstown (The Forge)	W. J. Gibson, Esq.	5	1	0	187	..	30·10	214	143
Waringstown (The Forge)	W. J. Gibson, Esq.	3	4	0	188	..	28·84	..	..
Bangor (Chorlton)	C. T. Ingold, Esq.	7	0	11	67	..	32·47	..	..
6.—BANN—Lough Neagh, East. 7 sq. mi.									
7.—BANN, UPPER. 162 sq. mi.									
Banbridge (Observatory)	H. D. Fleming, Esq.	5	1	6	210	..	32·18	216	147
D Banbridge (Milltown)	J. E. Kennedy, Esq.	5	1	0	200	31·0	28·77	207	143
D Banbridge (Millbank)	Mrs. F. A. Mulligan	5	1	0	257	..	27·97	197	135
D Portadown (Moyallon House)	Mr. J. Lynas	5	0	5	130	32·6	28·60	211	149
8.—INSULAR. 2 sq. mi.									

* Per Irish Rainfall Association.

DIVISION XXIII.—ULSTER—(con.).

STATIONS.	AUTHORITIES.	Rain-gauge				Aver- age Rain- fall.	1926		
		Diam.	Height of Rim above Ground.	Height of Ground above Sea Level	Rain fall.		Days with 01 in. or more.	Days with 04 in. or more.	
ANTRIM. (Area, 1193 sq. mi.)									
1.—BELFAST LOUGH. 107 sq. mi.									
D Dunmurry (Warren House)	Col. H. R. Charley	5	0	10	110	..	35·68	225	173
D Belfast (Queen's University)	J. A. Badger, Esq.	5	1	0	62	34·6	37·41	209	156
D Belfast (Cave Hill Road)	Miss C. Firth	5	1	0	200	41·5	39·62	243	185
D Belfast (Oldpark Filters)	C. F. Wheeler, Esq., C.E.	5	3	6	203	..	36·33	201	154
D Whiteabbey (Knockinagh)	H. Chisholm, Esq.	5	1	0	200	..	38·18	200	160
D Carrickfergus (Dorisland)	C. F. Wheeler, Esq., C.E.	5	3	7	250	37·7	35·04?	196	145
D Carrickfergus (South Woodburn)	C. F. Wheeler, Esq., C.E.	5	3	0	640	41·9	45·15	218	171
D Carrickfergus (North Woodburn)	C. F. Wheeler, Esq., C.E.	5	3	0	737	45·4	44·07	219	170
D Carrickfergus (Copeland)	C. F. Wheeler, Esq., C.E.	5	3	0	424	37·7	54·74?	205	155
D Carrickfergus (Lough Mourne)	C. F. Wheeler, Esq., C.E.	5	3	0	596	42·0	41·67	208	169
2.—GLENARM & C. 186 sq. mi.									
D Larne (Sallagh Springs)	J. H. H. Swiney, Esq., C.E.	5	1	0	566	..	50·14	222	190
D Glenarm Castle	Mr. T. Daly	5	1	4	30	44·6	45·48	214	179
3.—BUSH & C. 193 sq. mi.									
D Ballycastle (Magherintemple)	R. Casement, Esq.	5	1	7	220	..	46·32	211	193
D Ballycastle (Sheskburn)	Rev. E. F. Campbell	5	0	11	10	..	46·30	236	182
4.—BANN, LOWER. 112 sq. mi.									
5.—BANN—Lough Neagh, East. 590 sq. mi.									
D Stonyford (Belfast W.W.)	C. F. Wheeler, Esq., C.E.	5	1	6	437	35·7	35·16	191	168
D Ballymena (Harryville)	J. R. Williams, Esq.	5	1	5	150	41·5	43·81	232	192
D Broughshane (Tullymore Sch.)	E. W. Thomson, Esq.	5	1	2	218	..	42·79	223	168
D Broughshane (Quolie)	H. O'Hara, Esq., C.E.	5	1	3	864	47·3	47·05	229	186
6.—INSULAR. 5 sq. mi.									
LONDONDERRY. (Area, 816 sq. mi.)									
1.—LOUGH SWILLY. 6 sq. mi.									
D Londonderry (Dunruadh)	J. H. Welch, Esq.	5	0	6	150	41·8	42·47	239	191
2.—BUSH & C. 9 sq. mi.									
3.—BANN, LOWER. 240 sq. mi.									
D Coleraine (Cutts House)	Maxwell Given, Esq., C.E.	8	1	0	20	..	43·80	231	171
4.—BANN—Lough Neagh, West. 196 sq. mi.									
5.—FOYLE & C. 365 sq. mi.									
M Glendra (Spelhoagh Mountain)	M. A. Robinson, Esq., C.E.	5	1	0	1333	..	64·88	..	..
D Glendra Hill	M. A. Robinson, Esq., C.E.	5	1	0	1333	..	72·67	235	226
D Glendra Lodge	(+A) M. A. Robinson, Esq., C.E.	5	1	0	950	..	61·27	235	207
D Londonderry (Creggan Res.)	Mr. W. Hutchinson	8	1	0	325	41·8	47·24	276	219
D Limavady (Dogleap)	Miss D. Robertson	5	1	0	146	..	39·43	224	181
Limavady (Roevista Manse)	Rev. W. Browne . . . . .	..	..	..	70	..	1·36	..	207
Limavady (Drenagh)	M. M. McCausland, Esq.	5	1	6	80	37·0	39·69	230	..
Bellarena	Sir F. G. Heygate *	8	3	9	12	38·4	43·75	..	208

* Per Irish Rainfall Association.

DIVISION XXIII.—ULSTER—(con.).

STATIONS.	AUTHORITIES	Rain-gauge				1926		
		Diam.	Height of		Average Rain fall.	Rain- fall.	Days with '01 in or more.	Days with '04 in. or more.
			Rim above Ground.	Ground above Sea Level.				
TYRONE. (Area, 1257 sq. mi.)			in.	ft.	in.	in.		
1.—ERNE. 46 sq. mi.								
2.—BANN—Lough Neagh, West. 442 sq. mi.								
o Dungannon (Aloha).....	Major R. Stevenson.....	5	1	0	..	39·01	228	167
o Donaghmore	Messrs. McClintons, Ltd....	5	1	3	260	43·14	188	169
3.—FOYLE. 769 sq. mi.								
o Omagh (Edenfel)	Lt.-Col. J. B. Buchanan ..	8	1	0	280	39·91	239	168
o Sion Mills (Sion House)	Capt. J. C. Herdman	5	3	0	100	43·27	238	180
DONEGAL. (Area, 1875 sq. mi.)								
1.—DONAGH & C. 146 sq. mi.								
o Malin Head	The Meteorological Office..	8	1	3	51	39·63	223	165
2.—LOUGH SWILLY. 273 sq. mi.								
o Rathmullen (Fort Royal)	Col. J. H. Jellett	5	1	4	35	46·62	..	..
3.—SHEEPHAVEN & C. 307 sq. mi.								
o Milford (The Manse)	Rev. W. J. Young	5	1	6	150	47·17	244	198
4.—GWEEBARRA & C. 341 sq. mi.								
5.—DONEGAL BAY. 322 sq. mi.								
o Killybegs (Rockmount)	Com. G. G. Philipps, R.N..	5	1	0	65	63·44	243	207
6.—ERNE.—68 sq. mi.								
7.—DROWES & C. 10 sq. mi.								
8.—FOYLE. 396 sq. mi.								
9.—INSULAR. 12 sq. mi.								

* Per Irish Rainfall Association.

BRITISH RAINFALL,
1926.

PART IV.

THE DISTRIBUTION OVER THE BRITISH ISLES IN TIME AND SPACE OF THE ANNUAL NUMBER OF DAYS WITH RAIN.

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

INTRODUCTION.

One of the most difficult problems presented by rainfall statistics is the question of the interpretation of the numbers of rain-days which are reported year by year from the numerous rainfall stations. There is frequently a lack of harmony in the values. In fact, the differences observed between adjacent stations are sometimes so much greater than that of any other climatic factor, that there is little doubt that each individual value cannot be correct.

In May, 1865, the late Mr. G. J. Symons, F.R.S., took a census of all known observers, and ascertained that more than half were in the habit of observing at 9 o'clock in the morning, and that a majority entered the amounts measured each morning to the previous day. He, therefore, urged the remaining observers to come into line with the majority.

For statistical purposes, the definition of a rain-day became "a day on which $\cdot 01$ inch or more of rain is recorded." This involves adherence to the rule, in the case of inches, of measuring the rainfall to two places of decimals. Falls within the limits $\cdot 005$ inch and $\cdot 015$ inch are reckoned as " $\cdot 01$ inch," and falls less than $\cdot 005$ inch as "trace." The accurate measurements of small falls is therefore most important. The water in the gauge is, of course, measured whatever the form of the precipitation. An amount of $\cdot 01$ inch often collects in the gauge as the result of fog or dew, or of a slight shower which was not noticed. It is, therefore, essential that the gauge be visited every morning, even in settled, fine weather, and the contents carefully measured in a suitable glass. In flat-bottomed glasses, it is often difficult to determine with certainty whether the entry should be $\cdot 01$ inch or "trace." This difficulty is met in both the "taper" and "Camden" measures by tapering at the bottom, so that the lowest graduations are spaced out. An additional graduation for the $\cdot 005$ inch simplifies the determination of a rain-day. There is no doubt that the wider use of either of these measures, coupled with insistence on a daily visit to the gauge, would produce greater harmony in the number of rain-days reported from adjacent stations.

In *British Rainfall*, 1919, the problem was attacked from another aspect by the introduction of statistics of "wet-days," which were defined as "days on which $\cdot 04$ inch or more of rain is recorded."

In a 5-inch gauge, .01 inch corresponds to 3.2 c.c. and .04 inch to 12.9 c.c. For the reasons mentioned, it was thought that measurements of .01, .02 and .03 inch were sometimes either not made at all or were unreliable, and it was hoped by excluding days with these amounts to reduce the discordance in the values for adjacent stations. The method was successful in that while the satisfactory mapping of rain-days had presented almost insuperable difficulties, the mapping of wet-days was found to be quite practicable. A map of wet-days has been included in each volume of *British Rainfall* since that of 1919. A study of these maps indicates that the distribution from year to year is similar, the number of wet-days varying usually from 115 in the south-east of England to 225 in the north-west of Scotland.

In view of the recent endeavours to secure greater harmony in the recording of the number of days with rain at adjacent stations, the data have been re-examined, and special attention has been paid to the more discordant numbers of rain-days. In the present paper the method employed in constructing the map of the average number of rain-days is given in Section I, together with the map itself. Section II includes two maps showing extremes of distribution. Section III deals with rain-days in each year since 1881 over England and Wales, Scotland, Ireland, and the British Isles as a whole. The variation in the ratio of the number of wet-days to rain-days in various parts of the British Isles is discussed in Section IV. Section V deals with the relation between annual values of rainfall, rain-days and wet-days at individual stations, while Section VI considers the increase in the number of rain-days from the south-east to north-west of these islands. In Section VII the variation over the British Isles in the value of the mean rainfall per rain-day is discussed.

Section I.—THE AVERAGE NUMBER OF RAIN-DAYS, 1881 to 1915.

While the annual values of rain-days have been published since the earliest volumes of *British Rainfall*, details of the wet-days at individual stations are only available back to 1920. Averages of rain-days can, therefore, be more readily obtained than those of wet-days.

In the case of inconsistencies in the daily entries it is usually clear which record is unreliable. Thus, in the case of the three records from neighbouring stations for December 19th to 31st, 1925, set out below, that shown in the middle column is out of harmony with the other two on the 19th, 20th, 24th, 25th, 26th and 27th, and there is no doubt that the observer at Y allowed the rain of the 19th and 20th and of the 24th to 27th to accumulate. It was known, moreover, that the observer at Y was unable to read the gauge on Sundays and public holidays.

						X	Y	Z
						in.	in.	in.
1925, Dec. 19	..	..	..	..	..	.24	—	.26
„ „ 20	..	..	..	..	..	.11	.40	.19
„ „ 21	..	..	..	..	..	.33	.30	.25
„ „ 22	..	..	..	..	..	.30	.36	.32
„ „ 23	..	..	..	..	..	.02	.02	—
„ „ 24	..	..	..	..	..	.05	—	.03
„ „ 25	..	..	..	..	..	.06	—	.03
„ „ 26	..	..	..	..	..	.11	—	.11
„ „ 27	..	..	..	..	..	.03	.25	.04
„ „ 28	..	..	..	..	..	.22	.14	.18
„ „ 29	..	..	..	..	..	.32	.27	.30
„ „ 30	..	..	..	..	..	.59	.66	.72
„ „ 31	..	..	..	..	..	.10	.06	.13

While the annual totals of wet-days and rain-days are generally available, reference cannot always be made to the daily entries. In these cases the proportion of the rain-days which are wet-days are examined. The actual uniformity in this proportion is demonstrated by reference to the records at Camden Square and Regent's Park, in north London. The number of rain-days with varying amounts of rain have been counted for the 6 years 1920 to 1925, and the mean values are shown in the table below.

Station.	Mean annual number of days with :—						Total.
	.01-.03 in.	.04-.09 in.	.10-.19 in.	.20-.49 in.	.50-.99 in.	1.00 in. or more.	
Camden Square	47	42	38	30	8	1	166
Regent's Park ..	42	46	37	33	7	1	166

There is thus close agreement in the distribution throughout the year at these two stations, not only of days with .01 to .03 in., but of days with larger amounts. About one quarter of the total number of rain-days receive .01, .02 or .03 in., and in like manner the distribution of numbers of days with greater daily amounts is similar at these two stations. The frequency of days with .01 to .03 in. shows how essential it is that daily falls of these small amounts be carefully measured in order to obtain the correct number of rain-days. It may happen that while the annual number of rain-days reported from an observer is out of harmony with those of neighbouring stations, the number of wet-days is not so apparently in error. This is the case with the records from the station Y, the stations X, Y and Z being in the same town.

					Rain-days.			Wet-days.		
					X	Y	Z	X	Y	Z
1924	..	..	..	..	189	148	194	141	129	135
1925	..	..	..	..	186	154	175	133	127	130

Cases have come to light where the observer had not visited the gauge on a fine day, believing that no rain had fallen, although there was actually some precipitation in the gauge. This procedure would account for the inconsistent figures above for the gauge at Y, and for the number of wet days when expressed as a percentage of the rain-days being out of harmony with those from neighbouring stations. In cases such as Y neither the number of rain-days nor wet-days can be used with confidence although the error is much larger in the case of the rain-days.

By a critical scrutiny of the observations, carried out on these lines, it becomes possible to decide with some confidence whether the numbers of rain-days and wet-days reported from any station are reliable or not. The examination must, however, extend over the whole period of observations, for cases occur when, owing to a change in observer or change in the type of measure used, the numbers of rain-days for certain periods become unreliable. It is unfortunate that discretion has to be used in selecting the stations for this study but this was inevitable in the circumstances described.

In addition to the values for 155 selected stations which were specially computed for the preparation of the average map, use was made of the values which had already been published in the Book of Normals, Section 1.⁽¹⁾ The total number of records utilised was 170 in England and Wales, 70 in Scotland and 60 in Ireland. The annual maps of rain-days, on each of which some two thousand values were plotted, were also referred to in drawing the average map so that the greater detail thereon could be reproduced in the average map. Thus if an area on the annual maps usually experienced, say, 25 days more than an adjacent district, this difference was shown on the average map. Where required, the means for shorter records were corrected to give a value for the standard period.

The average map is reproduced as Fig. 1. The number of rain-days is less than 150 only in the neighbourhood of the Thames Estuary. In England and Wales there are more than 200 days in Norfolk, the Yorkshire Moors, Exmoor, Dartmoor, the uplands of Wales and over the Pennines, the number reaching 225 in the Lake District, Snowdonia and locally in parts of Central and Southern Wales and in

(1) Meteorological Office (London) publication.

Dartmoor. In Scotland and Ireland more than 200 days occur everywhere except along the south and east coasts, and as many as 250 days in the mountainous regions along the west and north-west coasts, as well as in the Islands of Skye and Lewis. The least values are those for Shoeburyness and Clacton of 149 days, while the values for Stornoway in the Outer Hebrides, Lerwick in Shetland, and Ben Nevis Observatory, in Inverness-shire, of 263, 260 and 259 respectively, rank among the largest.

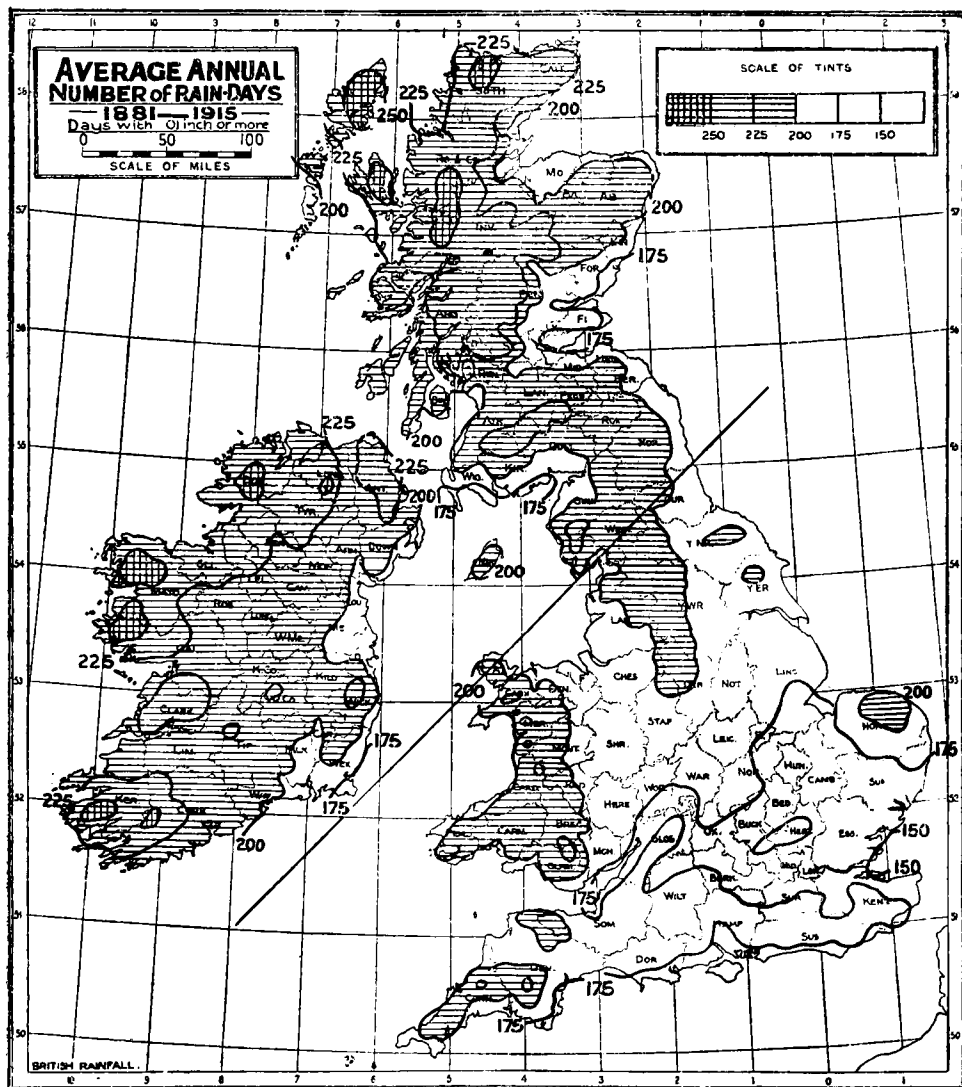


Fig. 1.

The straight line shown on this map from the south-east of Ireland to Newcastle-on-Tyne is referred to in Section VI.

Earlier maps of rain-days were published in *British Rainfall*, 1902, facing p. 39, and *British Rainfall*, 1911, p. [75]. In the former case records were used for 62 stations, for the 12 years 1891 to 1902, and in

the latter case for 100 stations for the twenty years 1892 to 1911. Fig. 1 not only gives the number of rain-days for a longer period, but the distribution is shown in greater detail, as many as 300 stations being used. As the period chosen for the average is the 35 years, 1881 to 1915, the map Fig. 1 is strictly comparable with the maps of annual and monthly rainfall which have already been published.⁽²⁾ Apart from the much greater detail which is shown on Fig. 1, attention is directed to the following more pronounced improvements in the general distribution from that shown on the earlier map of *British Rainfall*, 1911.

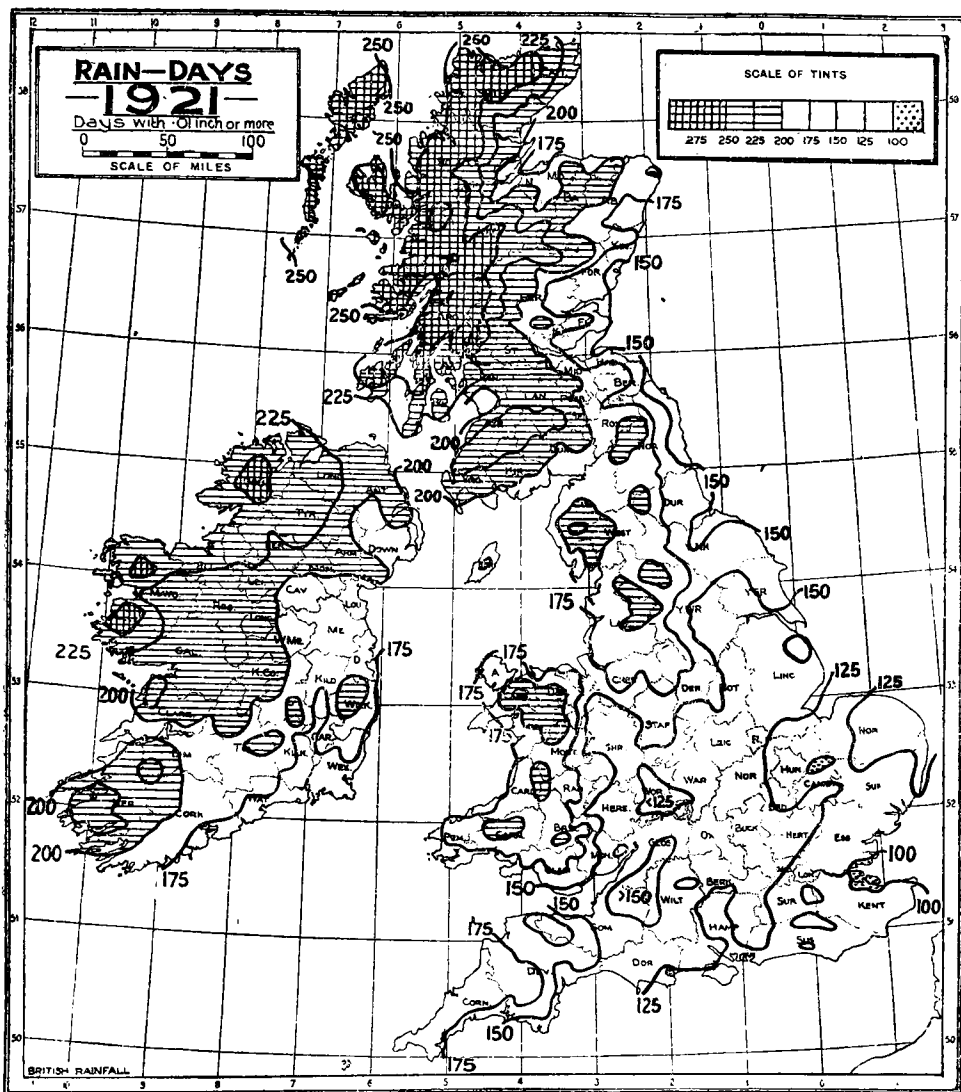


Fig. 2.

⁽²⁾ *Rainfall Atlas of the British Isles*, published by the Royal Meteorological Society, 1926.

- (1) The continuation of the area with 200 days or more from the West Coast of Scotland across the Grampians to Aberdeenshire.
- (2) The areas with more than 200 days in Norfolk and in the Isle of Man.
- (3) The area in the Southern Uplands of Scotland with 225 days.
- (4) The Shannon Valley with from 200 to 225 days in general.

Section II.—YEARS OF EXTREME NUMBERS OF RAIN-DAYS.

In the dry year 1921 and the wet year 1923 the distribution differed

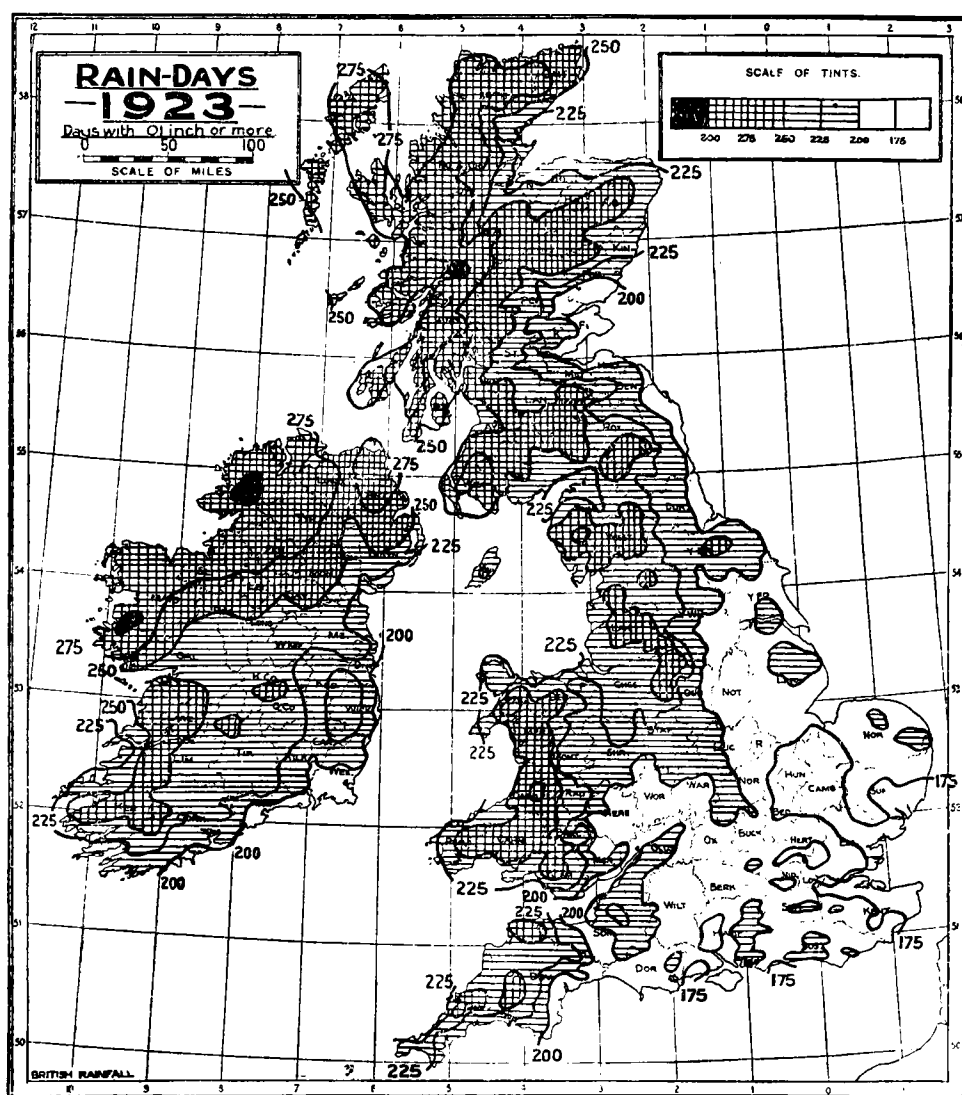


Fig. 3.

considerably from that given on the average map. The distribution of the number of rain-days in these years is shown in Figs. 2 and 3.

In 1921 (Fig. 2) the values in the south-east of England are the smallest since before 1881. Less than 100 days with rain (or only 2 per

week) occurred in the Thames Estuary and in part of the Fen District. This was 50 fewer than the average number in these districts. Values of less than 125 were widespread to the south-east of a line from the Isle of Wight to the Wash and also in part of the Valley of the Severn. Over the north of England and in Scotland and Ireland generally the number was much nearer the average, while in the Western Highlands of Scotland the area with more than 250 days was considerably larger.

The year 1923 (Fig. 3) was remarkable for the large number of rain-days in the west of Ireland and the Western Highlands of Scotland. More than 300 rain-days (*i.e.*, 6 days per week) were recorded in Connemara, in the mountains of Donegal and in the neighbourhood of Ben Nevis. This was about 50 more than the average for the year. The areas in Scotland and Ireland with more than 250 days were much larger than those on the average map (Fig. 1). In the latter case, values of 250 days or more are not found over England and Wales, but in 1923 large areas in Wales, the Lake District and the Pennine Range had rain on more than this number of days, as many as 275 being reported in the Lake District, Snowdonia and Central Wales. The number of rain-days was in excess of the average, everywhere in the British Isles except in the Fen District where there was rather less than the average number.

It is subsequently shown (see Table I) that in 1921 the general number of rain-days over England and Wales was 158, ranking with 1887 as the years of least rain-days. The number in these years was 10 less than that of any other year since before 1881. In the south-east of England, the number in 1921 was smaller than that in any other year. The year 1923 gave the largest number of rain-days for England and Wales, Scotland, Ireland and the British Isles, as a whole, the general number of 236 being 7 more than that of the year 1903, which gave the next largest number.

Section III.—THE GENERAL NUMBER OF RAIN-DAYS FOR THE YEARS 1881 TO 1926.

A selection, giving a uniform distribution over the British Isles, has been made from the stations with records covering the 35 years 1881 to 1915, 47 stations being in England and Wales, 1 in the Isle of Man, 26 in Scotland and 26 in Ireland. The mean values for each year are given in Table I. The values from 1916 onwards have been taken from the annual volumes of *British Rainfall*. These values are also based on the records from 100 stations over the British Isles, although they are not always the same as those used for the earlier period.

The statistics in *British Rainfall* of general numbers of rain-days are available back to 1903. It is satisfactory to note that a comparison of the general values, obtained in the two cases for the overlapping period 1903 to 1915, indicates a close agreement. The two estimates for the whole British Isles agree within 4 days and are within 1 day of

each other on 8 out of the 13 occasions. In the case of England and Wales the difference between the estimates for any year never exceeds 3 days, with Scotland 5 days, and with Ireland 6 days.

Table I.—*General Number of Rain-days (days with .01 in. or more) 1881 to 1926, compared with the average, 1881 to 1915.*

Year.	England and Wales. Average 188.		Scotland. Average 217.		Ireland. Average 220.		British Isles. Average 204.	
	Rain-days.	Difference from average.	Rain-days.	Difference from average.	Rain-days.	Difference from average.	Rain-days.	Difference from average.
1881 ..	184	— 4	207	—10	208	—12	196	— 8
1882 ..	211	+23	230	+13	239	+19	224	+20
1883 ..	194	+ 6	219	+ 2	229	+ 9	210	+ 6
1884 ..	175	—13	214	— 3	226	+ 6	197	— 7
1885 ..	185	— 3	206	—11	216	— 4	199	— 5
1886 ..	196	+ 8	220	+ 3	230	+10	211	+ 7
1887 ..	157	—31	200	—17	181	—39	174	—30
1888 ..	193	+ 5	210	— 7	212	— 8	202	— 2
1889 ..	186	— 2	212	— 5	214	— 6	200	— 4
1890 ..	192	+ 4	223	+ 6	229	+ 9	210	+ 6
1891 ..	193	+ 5	209	— 8	213	— 7	202	— 2
1892 ..	183	— 5	216	— 1	219	— 1	201	— 3
1893 ..	171	—17	217	— 0	202	—18	191	—13
1894 ..	207	+19	211	— 6	223	+ 3	212	+ 8
1895 ..	175	—13	202	—15	204	—16	190	—14
1896 ..	185	— 3	214	— 3	210	—10	199	— 5
1897 ..	189	+ 1	211	— 6	227	+ 7	205	+ 1
1898 ..	175	—13	219	+ 2	218	— 2	198	— 6
1899 ..	168	—20	210	— 7	204	—16	189	—15
1900 ..	195	+ 7	225	+ 8	230	+10	212	+ 8
1901 ..	168	—20	203	—14	205	—15	187	—17
1902 ..	189	+ 1	216	— 1	212	— 8	202	— 2
1903 ..	212	+24	240	+23	248	+28	229	+25
1904 ..	188	— 0	220	+ 3	227	+ 7	207	+ 3
1905 ..	183	— 5	226	+ 9	219	— 1	204	— 0
1906 ..	193	+ 5	230	+13	231	+11	213	+ 9
1907 ..	202	+14	235	+18	240	+20	221	+17
1908 ..	190	+ 2	224	+ 7	231	+11	210	+ 6
1909 ..	196	+ 8	218	+ 1	214	— 6	207	+ 3
1910 ..	208	+20	224	+ 7	239	+19	220	+16
1911 ..	175	—13	212	— 5	205	—15	192	—12
1912 ..	210	+22	226	+ 9	237	+17	221	+17
1913 ..	189	+ 1	207	—10	220	— 0	202	— 2
1914 ..	190	+ 2	215	— 2	220	— 0	204	— 0
1915 ..	180	— 8	211	— 6	210	—10	197	— 7
1916 ..	205	+17	232	+15	239	+19	220	+16
1917 ..	185	— 3	217	— 0	224	+ 4	203	— 1
1918 ..	200	+12	226	+ 9	227	+ 7	214	+10
1919 ..	191	+ 3	214	— 3	213	— 7	203	— 1
1920 ..	203	+15	232	+15	243	+23	220	+16
1921 ..	158	—30	224	+ 7	217	— 3	190	—14
1922 ..	196	+ 8	234	+17	226	+ 6	214	+10
1923 ..	216	+28	257	+40	253	+33	236	+32
1924 ..	202	+14	237	+20	248	+28	223	+19
1925 ..	192	+ 4	231	+14	230	+10	212	+ 8
1926 ..	192	+ 4	234	+17	226	+ 6	211	+ 7

Over the whole 13 years the general values recently computed for England and Wales are 0·6 of a day less than the earlier values, for Scotland 1·3 more, for Ireland 0·8 more and for the British Isles 0·8 more. The values given in Table I for the period 1881 to 1915 can therefore be regarded as reasonably homogeneous with those for more recent years.

Since the number of rain-days reported from an individual station may have increased with the introduction of more precise rain-measures, there is some risk that the values for the earlier years may be too small. Every endeavour has been made, however, to avoid the use of records where a change of this character has occurred.

The mean values deduced from the newly-extracted data are set out in Table II alongside the earlier estimates.

Table II.—*Comparison of the General Number of Rain-days with Earlier Estimates.*

Country.	Average, 1891-1902.		Average, 1892-1911.		Average, 1881-1915.	
	Number of Stations.	Rain- days.	Number of Stations.	Rain- days.	Number of Stations.	Rain- days.
England & Wales	28	181	47	187	47	188
Scotland ..	19	206	30	216	26	217
Ireland ..	15	216	23	223	26	220
British Isles ..	62	197	100	204	100*	204

* Includes one station in the Isle of Man.

When the values for the period 1892-1911 were published,⁽³⁾ it was suggested that the averages for the twenty years would agree fairly well with that of a much longer period, and also that the values for the earlier 12 years were too small by about 4 per cent. These conclusions are borne out by the present investigation, the values recently computed being one greater in the case of England and Wales and Scotland, and three fewer in the case of Ireland. For the British Isles as a whole, the value remains at 204. This agreement may, perhaps, be taken as evidence that the values for the earlier 10 years 1881 to 1890, and those for the years 1912 and 1915, are reasonably homogeneous with those for the twenty years 1892 to 1911.

One feature of interest in Table I is that the years 1923 and 1887 give the largest and smallest values respectively in each of the three countries, as well as over the British Isles as a whole. The actual extreme values and the ranges are set out in Table III.

⁽³⁾ *British Rainfall*, 1911, p. 76.

Table III.—*Extreme Number of Rain-days 1881-1926.*

	England and Wales.		Scotland.		Ireland.		British Isles.	
	Number of Days.	Year.	Number of Days.	Year.	Number of Days.	Year.	Number of Days.	Year.
Largest ..	216	1923	257	1923	253	1923	236	1923
Smallest ..	157	1887	200	1887	181	1887	174	1887
Range ..	59	—	57	—	72	—	62	—

The range is largest in Ireland. In each case the range has been expressed as a percentage of the average value, and the variability of the actual rainfall for the corresponding years⁽⁴⁾ is set out alongside for comparison in Table IV.

Table IV.—*Comparison of the Range of the General Number of Rain-days with the General Rainfall 1881 to 1926.*

Range as per cent. of averages.		England and Wales.	Scotland.	Ireland.	British Isles.
§ Rain-days ..	%	31	26	33	30
¶ Rainfall ..	%	58	40	47	50

The variation in the number of rain-days is therefore considerably less than that of the actual rainfall, and the smaller variation in Scotland is common to the two sets of data.

Reference may also be made to the occurrence of the least number of rain-days in the driest year in the series, *viz.*, 1887. The number of rain-days in the wettest year, 1903, is exceeded, however, by that of 1923. Over England and Wales, the year 1921, with its abnormal dryness on the south-east of England, gives one more rain-day than 1887. The year 1893, famous for "the Spring Drought," gives 171 rain-days over England and Wales generally, but there are 3 fewer in the years 1899 and 1901, neither of which were as dry as 1893.

⁽⁴⁾ The percentage values of rainfall have been taken from the article in *British Rainfall, 1924*, pp. 256-266 on "General Monthly Rainfall over the British Isles, 1881 to 1924."

The large numbers of rain-days, especially in Scotland and Ireland, in the four years 1922 to 1925 is one of the most pronounced features of the table. For the 11 years 1916 to 1926, the mean number of days for the British Isles is 213. The excesses of these recent years are so pronounced that the mean of the 46 years 1881 to 1926 is 206 days, or 2 more than the mean for the 35 years 1881 to 1915. So that either the mean for a still longer period will be greater than 204, a value which has held for so long, or the number of rain-days in the years of the near future will be considerably below the average.

Section IV.—THE RELATION BETWEEN ANNUAL VALUES OF RAIN-DAYS AND WET-DAYS.

Reference has already been made to the similarity in the general distribution of the number of rain-days and wet-days over the British Isles. In the case of the individual years 1917 to 1921 the number of wet-days has been expressed as a percentage of the number of rain-days for some 100 stations. The uniformity in the annual percentage values for individual stations is well marked. Annual values and the mean of these values are given in Table V for 10 stations.

Table V.—*Wet-days as Percentage of Rain-days for the Five Years 1917 to 1921.*

Station.	County.	1917	1918	1919	1920	1921	Mean 5 years.
St. Pancras (Camden Square).	London ..	70 ⁰ / ₀	71 ⁰ / ₀	65 ⁰ / ₀	69 ⁰ / ₀	70 ⁰ / ₀	69 ⁰ / ₀
Ashburton (Druid House).	Devon ..	80	85	84	80	75	81
Worksop (Hodsock Priory).	Nottingham	60	65	66	64	61	63
Dungeon Ghyll ..	Westmor- land.	81	92	78	85	85	84
Carmarthen (The Friary).	Carmarthen	72	78	76	81	70	75
Marchmont House	Berwick ..	80	78	86	80	73	77
Loch Ness (Inverie Gdns).	Inverness	91	92	89	88	93	91
Thurso (Buckies) ..	Caithness	83	82	77	76	85	81
Gorey (Courtown House).	Wexford	69	79	76	74	68	73
Crossmolina (Ennis- coe).	Mayo ..	91	91	92	90	89	91

The distribution of the mean value is shown in Fig. 4. In Great Britain the percentages vary from less than 70 along the east coast and southern-central districts of England to over 80 in parts of the

Devon-Cornwall peninsula, Wales, the Lake District and the north-western half of Scotland. There is a well-marked area in central England with just less than 65. In this region, therefore, about 35 per cent. of the rain-days during the year give small amounts of rain (of $\cdot 01$ inch, $\cdot 02$ inch or $\cdot 03$ inch). On the other hand, in the Western Highlands of Scotland, where the average number of rain-days is

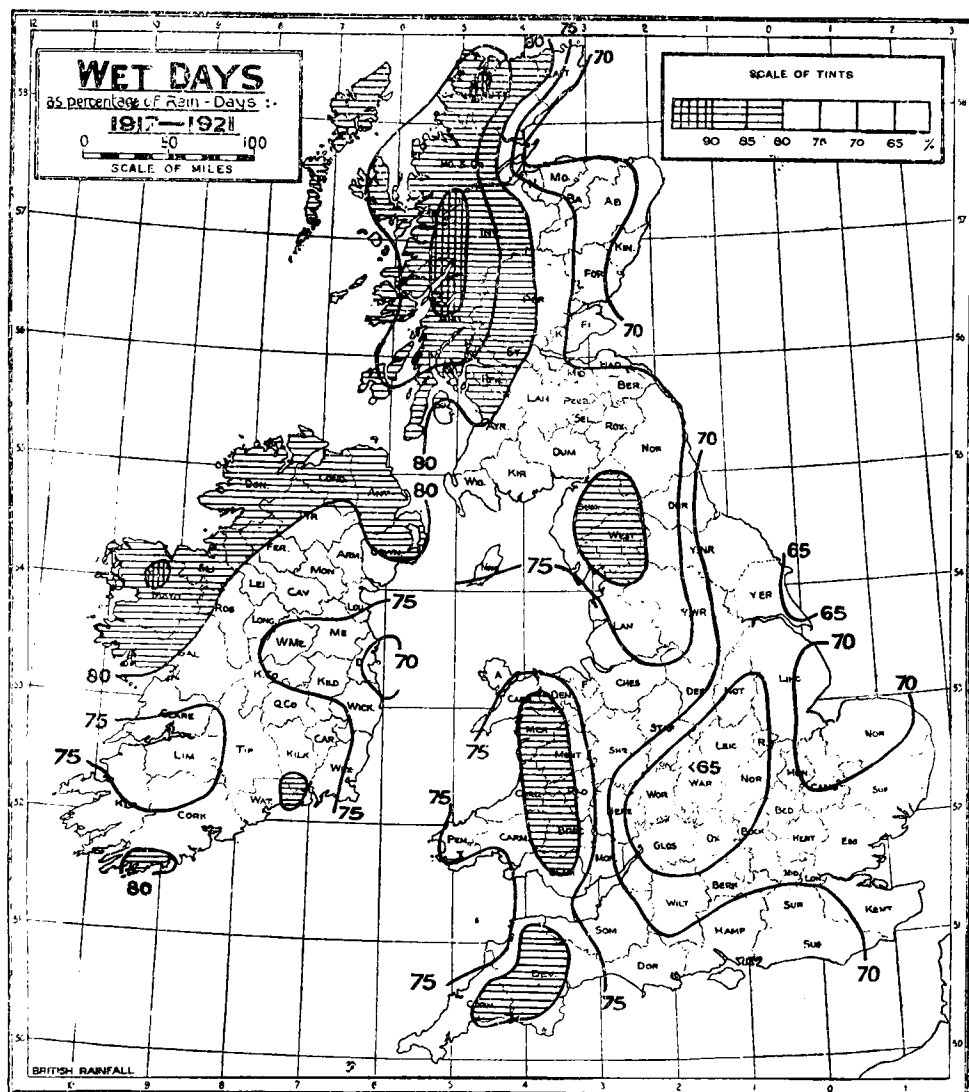


Fig. 4.

about 75 more, the days with small amounts of rain are considerably fewer, being only 10 per cent. of the total number of rain-days. So that while the range over the British Isles in the average number of rain-days is about 100 (from 150 to 250), the range of the wet-days is rather greater being about 110 (from 115 to 225).

In Ireland there is a strip in Fig. 4 with small percentage values stretching from the Shannon Estuary to Dublin, with larger values

on either side reaching 80 along parts of the coasts of Cork and Waterford and along a broad belt of the northern coasts.

From Fig. 1 and Fig. 4 the distribution of the number of wet-days over the British Isles can be obtained.

In the case of the record at Camden Square, the values of rain-days and wet-days for the individual years in the series 1881 to 1915 have been compared. The correlation coefficient⁽⁵⁾ between the two sets of values is $+0.79$, indicating a close relationship. The "regression" equation,⁽⁶⁾ set out below:—

$$\text{departure of wet-days} = +.59 (\text{departure of rain-days}) + 3.1,$$

gives the most probable value for the departure of the number of wet-days from the average (determined by statistical methods), when the number of rain-days is known, *e.g.*, if the rain-days at Camden Square are 182 or 20 more than the average, the best estimate for the wet-days is 130, which is 15 more than the average. Similarly the equation

$$\text{departure of rain-days} = +1.06 (\text{departure of wet-days}) + 0.9$$

gives the most probable value of the rain-days (determined by statistical methods) if the wet-days only are known. If the wet-days in any year are 15 more than the average of 115 (*i.e.*, 130) then the most probable value of the rain-days is 17 in excess of the average of 162, *i.e.*, 179. This result is not precisely the same as that found with the former equation since the correlation coefficient is not unity.

From the correlation coefficient it can be stated that as much as 62 per cent.⁽⁷⁾ of the annual fluctuations of rain-days can be attributed directly or indirectly to those of the major portions which rank as wet-days.

There were only 6 years out of the 35 when the departures of the number of rain-days and wet-days from their respective averages were of unlike signs. In each of these years, the rainfall departure was of the same sign as that of wet-days. A greater correlation of the rainfall with wet-days would naturally be expected, since the additional days involved in the rain-days contribute very little rain. The extremes in the percentages of the wet-days of rain-days occurred in 1915 and 1907 when the percentages were 78 and 64 respectively, instead of the mean for the 35 years of 71 per cent.

(5) The use of the correlation coefficient is explained in *British Rainfall*, 1922, p. 261, and also in *British Rainfall*, 1925, p. 255.

(6) See *The Computer's Handbook*, Section V, "Computations related to the Theory of Probabilities" (Meteorological Office Publication).

(7) This value is obtained by taking the square of the correlation coefficient as described in the *Meteorological Magazine*, Feb. 1921, pp. 20-21."

Section V.—THE RELATION BETWEEN ANNUAL VALUES OF RAINFALL, RAIN-DAYS AND WET-DAYS.

In considering the relation between annual values of rainfall, rain-days and wet-days, the smaller variability of the two latter series of numbers is apparent. This was seen in Table IV, and is shown in the case of two stations, by the following table :—

Table VI.—*Comparison of the Variability of Annual Values of Rainfall, Rain-days and Wet-days.*

Station County No. of year's Record. Period	Camden Square, London. 35 1881-1915.			Mickleton (Bank House), Gloucester. 20 1906-1925.		
	Rain- fall. in.	Rain- days.	Wet- days.	Rain- fall. in.	Rain- days.	Wet- days.
Averages	24.5	162	115	25.5	178	122
Mean deviation (per cent. of aver- ages).	11.9	6.9	8.4	12.8	6.9	9.4
Standard deviation (per cent. of aver- ages).	15.8	10.0	10.6	17.7	8.5	12.2

The variability is therefore considerably less in the case of both rain-days and wet-days. Judging from the rainfall of the 35 years 1881 to 1915 at Camden Square, the 35 years mean may reasonably be expected to differ from that of a much longer period by 27 per cent.⁽⁷⁾ In the case of rain-days a record of only 15 years⁽⁸⁾ would give the same probable departure from the true mean.

The fluctuations of the annual values of rainfall, rain-days and wet-days have been examined in the case of Camden Square. For the 35 years 1881 to 1915 the correlation coefficients are :—

Rain-days and wet-days	+ 0.79
Rain-days and rainfalls	+ 0.48
Wet-days and rainfalls	+ 0.63

Reference has already been made to the correlation between the number of rain-days and wet-days. The correlation is large in this case and, as anticipated, that between rainfall and wet-days is greater than that between rainfall and rain-days. About 40 per cent.⁽⁷⁾ of the

(7) This value is obtained by taking the square of the correlation coefficient as described in the *Meteorological Magazine*, Feb. 1921, pp. 20-21.

(8) Using the formula—standard error = $\sqrt{\frac{\text{standard deviation}}{\text{number of observations}}}$

variation in the number of wet-days can be associated directly or indirectly with the variation of rainfall, and 60 per cent. of the variation is independent of the rainfall. It is the latter individuality which gives point to the study of days with rain.

The annual general number of rain-days for the British Isles has been compared with the general percentage values for rainfall referred to in footnote.⁽⁴⁾ The mean deviations for the 45 years 1881 to 1915 are 4.7 and 9.0 per cent. of the respective averages, and the standard deviations 5.9 and 10.1 per cent., indicating again the much smaller variability of the number of rain-days. The correlation coefficient for the 45 years is +0.82,⁽⁹⁾ so that about 67 per cent.⁽⁷⁾ of the variation from year to year in the number of rain-days can be associated directly or indirectly with the variation in the general rainfall.

In the three years 1881, 1891 and 1915 the rainfall was above the average and the number of rain-days was below the average; the converse being the case in the years 1890, 1904 and 1908. The mean rainfall per rain-day over the British Isles generally is .203 inch, the range for the 45 years 1881 to 1926 being from .179 inch in 1921, to .223 inch in 1915.

The "regression" equations⁽⁶⁾ based on the correlation coefficient and the mean values are given below:—

$$x = .99y + 1.7$$

$$\text{and } y = .68x + 1.5$$

where x = the annual general number of rain-days over the British Isles as a departure from the average value, of 204,
and y = the general percentage rainfall as a departure from 100.

Given the general rainfall, the first equation gives the best estimate for the number of rain-days in any year, while the second gives the best estimate for the rainfall if the number of rain-days is known. Thus in 1918 the general rainfall for the British Isles was 8 per cent. above the average. Substituting this value in the first equation we get a computed excess of 10 days, making 214 the general number of days for 1918, which is in accord with the value given in Table I.

Section VI.—RELATION OF THE AMOUNT OF RAINFALL AND THE NUMBER OF RAIN-DAYS TO GEOGRAPHICAL POSITION OF THE STATIONS OVER THE BRITISH ISLES.

So far the variations which have been considered are those from year to year. There is in addition the variation in the values over the British Isles. Reference is made in the introduction to the increase in the values of days with rain from the south-east to north-west of the British

⁽⁹⁾ Reference may be made to the correlation between the general pressure for each year and the general rainfall of—0.83, quoted in *Fluctuations of Annual Rainfall in the British Isles considered Cartographically*, by Carle Salter and J. Glasspoole, Q.J.R. Met. Soc., Vol. 49, 1923, p. 219.

Isles. Some attempt has been made to define this variation more precisely. In order to reduce the amount of the statistical work 50 stations have been chosen out of the 100 stations used in Section I. In each case the perpendicular distance of the station has been measured from a line drawn through the extreme east of Kent in a north-east to south-west direction. In addition the average annual rainfall and the average number of rain-days for the period 1881 to 1915 have been set out for each station. In each case the values for the stations have been expressed as departures from the respective means. The sign of the departures for each station indicates whether the average rainfall and the average number of rain-days are above or below the general values for the whole British Isles of 41 inches and 204 days respectively, and the position relative to a straight line drawn through the British Isles from the south-east of Ireland, through Anglesey and Kendal to Newcastle-on-Tyne. The position of this line is shown in Fig. 1.

It will be seen that the line divides the British Isles into two regions: to the north-west most of the stations with more than 204 rain-days are situated, while to the south-east most of the stations record less than 204 rain-days on the average. The areas with the largest excesses (of 50 days) occur in the north-west of Ireland and of Scotland while the areas with the largest deficiencies (of 50 days) occur in the south-east of England. Both these regions are centred at about the same distance from the straight line. The increase in the number of rain-days to the north-west and the decrease to the south-east is fairly uniform.

The correlation coefficients have been evaluated to give a measure of the relation of the variation in the average rainfall totals and average rain-days with each other and with the position of the station relative to this line. The results are set out below:—

	Correlation coefficient.
“ Rainfalls ” and “ rain-days ”	+ 0.24
“ Rainfalls ” and “ distances ”	+ 0.47
“ Rain-days ” and “ distances ”	+ 0.82

Thus, while the variations in the rainfall amounts show little relation to the variations in the number of rain-days from place to place, there is appreciable relation between the variations in the rainfall amounts and the geographical position of the station, and marked relation between the variation in the rain-days and positions. In fact as much as 67 per cent. of the variation⁽¹⁾ over the British Isles in the number of rain-days can be associated directly or indirectly with the geographical position. In the case of rainfall amounts only 22 per cent. of the variation can be associated directly or indirectly with the position.

The regression equations, calculated from the correlation coefficients and the mean values are $y = .16x + 3.6$ and $x = 4.2y + 23$, where y is

the departure of the average number of rain-days from the mean for the whole country of 204, and x is the perpendicular distance in miles of the station from the line shown on Fig. 1. Thus in the case of Totland Bay, which is about 220 mi. to the south-east of the line, the best estimate of the average number of rain-days is given as 40 less than 204, by the first equation, *i.e.*, 164. The actual average is 163. The computed value is not always so close to the actual value, *e.g.*, at Valentia the value is 223 instead of 252 days as observed.

While a map of average monthly or annual rainfall shows very considerable relation to the orography of the country, the correlation coefficient between average amounts and height above sea for stations over the British Isles is quite small.⁽¹⁰⁾

This is due in part to the occurrence of heavy rain at valley stations which are surrounded by mountains, and in part to the more pronounced increase in the rainfall from the south-east to north-west. As the late Mr. G. J. Symons, F.R.S., stated in *British Rainfall*, 1896, p. 24: "The influence of position with respect to hills and valleys is far greater than that of altitude." Both "rainfalls" and "rain-days" give a high correlation with "distances," having the steady increase from the south-east to north-west in common, but together they show little relationship, since the "rainfalls" change much more with the orography of the country than do the "rain-days."⁽¹¹⁾

Section VII.—THE MEAN RAINFALL PER RAIN-DAY.

In the case of each of the 100 stations utilised in Section I, the average annual rainfall has been divided by the average number of rain-days to give the mean rainfall per rain-day. The distribution of these values over the British Isles is shown in Fig. 5. The values vary from .13 inch per rain-day in East Anglia to rather more than .6 inch in the English Lake District, Snowdonia and the Western Highlands of Scotland. The areas with more than .2 in. per rain-day have been shaded. The map is roughly divided thereby into the regions where the mean rain per day is above or below the general value for the whole British Isles of .23 inch per rain-day (calculated from 41.41 inches on 204 rain-days). The map resembles that of average annual rainfall, but the range is relatively smaller and the changes from place to place vary less with the orography. In the east of England, with .01

⁽¹⁰⁾ Taking 50 stations given in the *Meteorological Magazine* for 1917 as representative of the country, the correlation coefficient between height above sea level and average falls for January is +0.18 and that for July +0.10.

⁽¹¹⁾ The partial correlation coefficients are :—
 between rainfalls and rain-days (distances eliminated) — 0.28
 between rainfalls and distances (rain-days eliminated) + 0.48
 between rain-days and distances (rainfalls eliminated) + 0.82

Thus in the last case the correlation is between the average number of rain-days and the corresponding distances of the stations from a fixed line, after the influence of the annual rainfall at those stations is allowed for.

inch or more on 3 days per week, the mean daily fall is $\cdot 13$ inch. At the other extreme, in the Western Highlands of Scotland with $\cdot 01$ inch or more on 5 days per week, the mean daily fall is over half-an-inch.⁽¹²⁾ The rainfall in any locality is not determined solely by the number of rain-days. It has been demonstrated in Section IV that where the number of rain-days is large, the proportion of such days with $\cdot 04$ inch

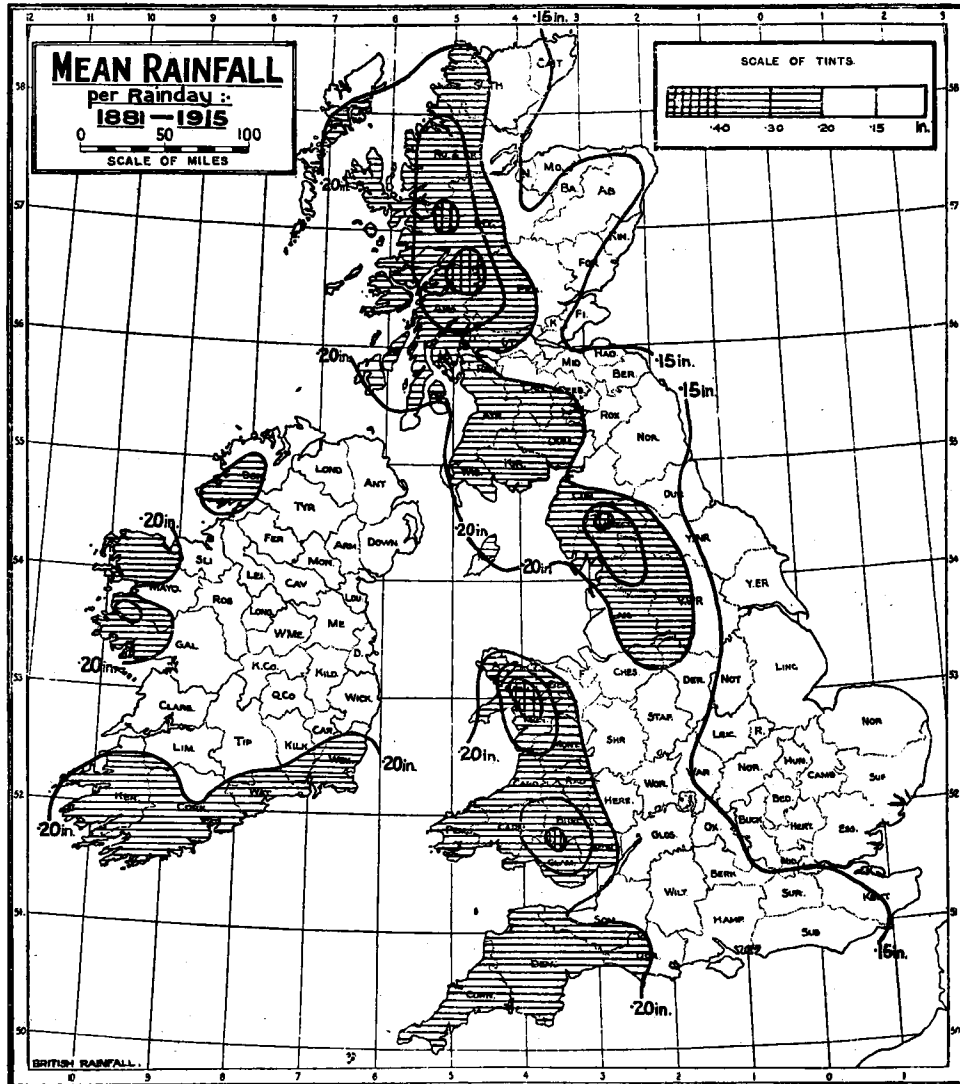


Fig. 5.

(12) Since the rainfall on any day may be as much as 10 inches, it is obvious that the number of days with rain above the mean fall per rain-day at any station will be less than the number with smaller amounts. This large amount of rain which the wettest days contribute to the total is emphasised by reference to the 25 years' record at Dalnaspidal in the Grampians, where the mean fall per rain-day is $\cdot 26$ inch. Half the total rainfall (of 62 inches a year) is contributed by days with half an inch of rain or more and these days are only 10 per cent. of the total number of rain-days.

or more is greater than where the number is small. Thus, although it rains on more days in the wet regions than the dry regions the daily rainfall is much heavier and the mean rainfall per rain-day in the wet districts is frequently twice that of the dry districts.

SUMMARY.

Maps of the British Isles showing the following information are presented in the paper :—

- (1) The average annual number of rain-days for the 35 years 1881 to 1915 (Fig. 1),
- (2) the annual number in years of extremes of rain-days (Figs. 2 and 3),
- (3) the number of wet-days as a percentage of the number of rain-days (Fig. 4),
- (4) the mean rainfall per rain-day (Fig. 5).

A table is given showing the annual general number of rain-days for the years 1881 to date for England and Wales, Scotland, Ireland and the British Isles (Table I).

The smaller variability from year to year in the number of rain-days and wet days than in the case of rainfall amounts is demonstrated for individual stations and for the British Isles as a whole (Section V).

Relationships have been established by means of the correlation coefficient in the following cases :—

- (1) Annual values at Camden Square (London) :—

$$\left. \begin{array}{ll} (a) \text{ rain-days and wet days } & r = +0.79 \\ (b) \text{ rain-days and rainfalls } & r = +0.48 \\ (c) \text{ wet-days and rainfalls } & r = +0.63 \end{array} \right\} \text{ (Section V).}$$

- (2) Annual general values for the British Isles :—

$$(a) \text{ rain-days and rainfalls } \quad r = +0.82 \text{ (Section V).}$$

- (3) Average rainfall and rain-day amounts and corresponding distances of stations from a line drawn in a south-west to north-east direction :—

$$\left. \begin{array}{ll} (a) \text{ rain-days and rainfall } & r = +0.24 \\ (b) \text{ rain-days and distances } & r = +0.82 \\ (c) \text{ rainfalls and distances } & r = +0.47 \end{array} \right\} \text{ (Section VI).}$$

EXPOSURE OF RAIN-GAUGES IN WINDY LOCALITIES.

In *British Rainfall*, 1925, page xiii, reference was made to the ill-effect of over-exposure to wind on the amount of water collected by a rain-gauge, the effect being to reduce the amount below that appropriate to the place and occasion. It was stated that the effect is due, not to the inclination at which the rain strikes the ground, but to the wind-eddies produced by and around the gauge itself. Such eddies carry the raindrops over the mouth of the gauge, so that the rim of the gauge is an area of locally minimum rainfall, and is not truly representative of the locality.

The rates of fall of raindrops of various sizes, as determined experimentally, were set out in a diagram, and from this it was shown that sloping ground is a bad position for a rain-gauge if the wind can blow uninterruptedly up the slope. In a following article, Mr. F. Hudleston, M.Inst.C.E., sets out the results of a series of careful experiments which he has made at Hutton John, Penrith, on the effect of a slope of 1 in 8 on the catch of a rain-gauge. He shows that the error produced by such an exposure may amount to between 20 and 30 per cent. He proves further that a steep declivity near a gauge, which is itself set up on level ground, constitutes a serious source of error when rain falls in wind proceeding from the side of the declivity. These effects have been known in a general way for a long time, but the experimental and numerical results now available constitute a direct proof of the existence of the effects. The indirect proofs previously available have not always been accepted as final and convincing. Since it has been shown that the rainfall on a windward slope is less than that appropriate to the place and occasion, there must be areas somewhere on the lee side of such slopes where the fall is in excess of the true amount, and a rain-gauge placed there would indicate too high a fall. This aspect of the matter appears to have received little consideration up to the present, but it is clearly a point which requires further examination. Examples of possible effects of this kind could be mentioned, especially the celebrated case of the rainfall at the Styne, in Cumberland, which is normally 40 per cent. greater than that at Seathwaite, less than 2 miles away.

Reference was also made last year to a proposal to erect small wire-netting fences round exposed rain-gauges to see whether such fences would reduce the intensity of the wind speed in the neighbourhood

of the gauges, so that harmful eddies would not be set up. It was thought that such fences would constitute an intermediate stage between the unobstructed ground-wind and the eddies formed by the unyielding obstruction of the gauge itself, by acting as a brake to the wind before it encountered the gauge. In that way the eddies might be distributed over a wider area and might therefore be so reduced in intensity as to be relatively harmless.

The experiments at Hutton John have included tests with wire-netting fences, and similar fences have also been tried at Lympne aerodrome, near Hythe, Kent, where there is a very open exposure on level ground. But the experiments at Lympne indicate that a wire fence 2 feet 6 inches high at a distance of 3 feet from a rain-gauge of which the rim is at a height of 1 foot above ground, acts on the whole as a screen, so that the catch in the gauge is normally less than that received by a gauge exposed in the ordinary way. Two kinds of wire-netting were tried, one with 2-inches mesh, the other with $\frac{1}{2}$ -inch mesh. In the period July, 1926, to January, 1927, the gauges inside these fences received respectively 8 per cent. and 1 per cent. less rain than another gauge normally exposed; while a gauge in the middle of a pit 1 foot deep, and 6 feet in diameter, the rim of the gauge being level with the undisturbed ground in the neighbourhood, caught substantially the same amount as the normally exposed gauge. On 1st February, 1927, the height of the fences at Lympne was reduced to 1 foot 6 inches, and the percentage losses below the catch in the normally exposed gauge in the period February, 1927, to May, 1927, inclusive, have been changed to 1 per cent. in both cases. The figures for individual showers show considerable fluctuations, some of which appear to be regulated by wind characteristics, while others cannot be correlated with the wind. The experiments are being continued.

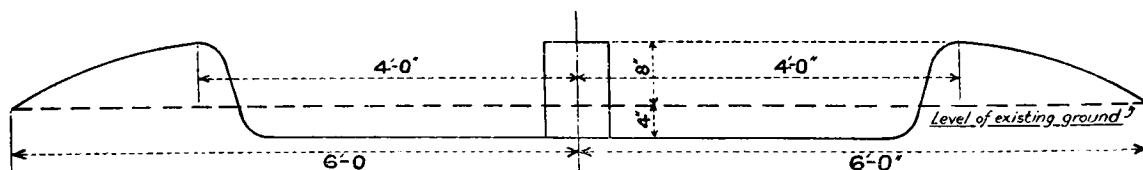
Mr. Hudleston has found similar results at Hutton John, and the wire fences in their present form must be pronounced unsuitable for the purpose for which they were erected. Mr. Hudleston has also found that a turf wall similar to one erected at Salt Island, Holyhead, is a more effective protection against wind than the wire fences. His results are described fully in his article, while in another article there is an account of the experiments made at Holyhead which indicate, firstly, that an enclosed yard of a stated size in an exposed locality provides a satisfactory exposure for a rain-gauge; and, secondly, that a satisfactory form of exposure for a rain-gauge on an exposed site at Holyhead is obtained by erecting a turf wall of stated dimensions around the gauge. Incidentally, it was also found that the enclosed yard at Holyhead was not a very satisfactory place for a Stevenson Screen, the air temperatures in the yard being materially affected by conduction and radiation from the surrounding walls, assisted by the reduced ventilation due to the shelter provided by the walls.

NOTE ON A COMPARISON BETWEEN RAIN-GAUGES WITH DIFFERENT EXPOSURES AT SALT ISLAND, HOLYHEAD.

During the past few years a series of comparisons between gauges with different exposures has been carried out at Salt Island, Holyhead. The results of these comparisons are now available and afford useful information regarding the suitability of a sheltered yard as a site for a rain-gauge and the efficiency of a saucer-shaped dip in counteracting the ill-effects of over-exposure.

The immediate object in undertaking these comparisons was to ascertain the effect on the continuity of rainfall observations on Salt Island of a material change in the site of the Telegraphic Reporting Station which took place on January 1st, 1922. From May 1st, 1913, up to the end of 1921, the rainfall observations on Salt Island referred to a gauge in a sheltered yard. The yard is a rectangular plot 197 feet long and 115 feet wide surrounded on three sides by a wall 8 feet high, and on the remaining side (the north side) by a building with a sloping roof, the ridge of which is 27 feet above the ground. It is situated on Salt Island, which is a narrow neck of land about 750 feet wide projecting northwards for about 1,600 feet from Holyhead Island into the New Harbour. The present site of the Telegraphic Reporting Station is near the northern end of Salt Island about 900 feet to the north-north-east of the yard, and, as there are very few buildings there the site is a very exposed one for a rain-gauge.

A preliminary comparison of the records from the two sites for 1922 indicated that the catch of the more exposed gauge at the new site was smaller, more particularly in high winds, than the catch of the gauge in the sheltered yard, the totals for the summer months (April-September) and the winter months (October-March) differing by 9 per cent. and 11 per cent. respectively, and for the whole year by 10 per cent. In January, 1923, a second gauge was installed in a position about 10 feet west-north-west of the standard gauge at the new site. This experimental gauge was placed in a saucer-shaped dip constructed of earth, a diametral section of which is shown below.



An examination of a year's records from the three gauges showed that with southerly winds the effect of the saucer-shaped dip was to increase the catch so that it equalled the catch recorded in the sheltered

yard ; and that as the prevailing winds at Holyhead are southerly, the totals both for the summer and winter halves of the year were practically identical. With winds from the north-west and north-east quadrants, however, the rainfall at the new site as recorded by both gauges was still less than that recorded in the sheltered yard, the gauge in the saucer-shaped dip showing a greater deficiency with winds between north-west and east.

In order to ascertain whether with northerly winds the relatively diminished catch of the gauge in the saucer-shaped dip was due to an artificial increase in the catch of the gauge in the sheltered yard due to spray being carried into the gauge from the sloping roof of the building on the north side of the yard, a second gauge was placed in a position in the yard which was free from this objection. A comparison between the catches from the two gauges in the sheltered yard for the period May, 1924, to December, 1925, revealed a difference of less than one-half per cent., so that apparently the catch of the standard gauge in the yard was not appreciably affected by the building to the north of it.

The results are summarized in the following Tables. The various gauges are identified as follows :—

- Gauge A Old standard gauge in yard.
- Gauge B Experimental gauge in yard, added May, 1924.
- Gauge C Freely exposed gauge at present site.
- Gauge D Gauge installed in saucer-shaped dip.

In Table I all the available data have been utilized, the catch of each gauge being expressed as a percentage of the catch of Gauge A.

TABLE I.

<i>Sheltered Yard.</i>		<i>Present Site.</i>	
Gauge A.	Gauge B.	Gauge C.	Gauge D.
100	100	92	99

In Table II, the data for 16 months, viz., May, 1924, to August, 1925, during which period all four gauges were in simultaneous and continuous operation, have been analysed in relation to winds from each of four quadrants. As in Table I the catch of each gauge is expressed as a percentage of the catch of Gauge A.

TABLE II.

Position of Gauge.		All Directions.	N.E.	S.E.	S.W.	N.W.
Sheltered Yard.	Gauge A ..	100	100	100	100	100
	Gauge B ..	100	100	101	100	99
Present Site.	Gauge C ..	93	96	96	94	94
	Gauge D ..	99	93	100	101	94

Of the total amount of rain which fell during the period May, 1924, to August, 1925, only 16 per cent. fell with winds from the N.W. quadrant and 4.5 per cent. with winds from the N.E. quadrant.

The gauges used in these comparisons were of approved pattern and, with the exception of the gauge in the saucer-shaped dip, had their rims 1 foot above the ground. The gauges were not sheltered in any way by obstructions. The exposure of each gauge remained unaltered during the period covered by the comparisons.

Prior to March, 1913, when the transfer to Salt Island was made, the meteorological station at Holyhead was established in a sheltered garden near the Sailor's Home on Holyhead Island, about 500 yards to the west of the yard on Salt Island. A comparison between the records from the two sites for an overlapping period of seven weeks indicated that the change in the position of the gauge in March, 1913, did not materially affect the continuity of the rainfall record. It may reasonably be inferred, therefore, that a sheltered yard such as that in use on Salt Island, Holyhead, from 1913 to 1921, provides a satisfactory site for a rain-gauge and that in the absence of such an enclosure the ill-effects of over-exposure can be practically eliminated by exposing the gauge in the manner shown in the diagram.

**ON CERTAIN EXPERIMENTS WITH RAIN-GAUGE SHIELDS,
MADE DURING THE WINTER OF 1926-7, AT HUTTON JOHN,
CUMBERLAND, IN THE NORTH-EAST CORNER OF THE LAKE
DISTRICT, $5\frac{1}{4}$ MILES W.S.W. OF PENRITH.**

BY F. HUDLESTON, M.INST.C.E.

In the Spring and Summer of 1926 when I went round the nine Rain-gauges at Seathwaite four times on the first day of the month with the new observer, I formed the opinion that the exposures of these gauges were responsible for the great variations in their monthly catches, and after discussing the matter with Mr. Corless, who told me about the experimental shields at Lympne, I offered to make similar experiments on Kilnflatt Hill near my house, where there was an open westerly exposure extending to $7\frac{1}{2}$ miles up to Great Dodd (2,807 ft.) between the two Mell Fells (1,657 ft. and 1,760 ft.); a slope of 1 in 8 to west and south-west; and a plantation 70 yards away from the summit of the hill on its eastern slope.

The map on page 286 gives the contours of the hill which is, in fact, a spur off the high ground to the north of Hutton John jutting out into the valley of the Dacre Beck some 80 ft. above the level of that stream and, practically, at right angles to the direction of our heaviest gales.

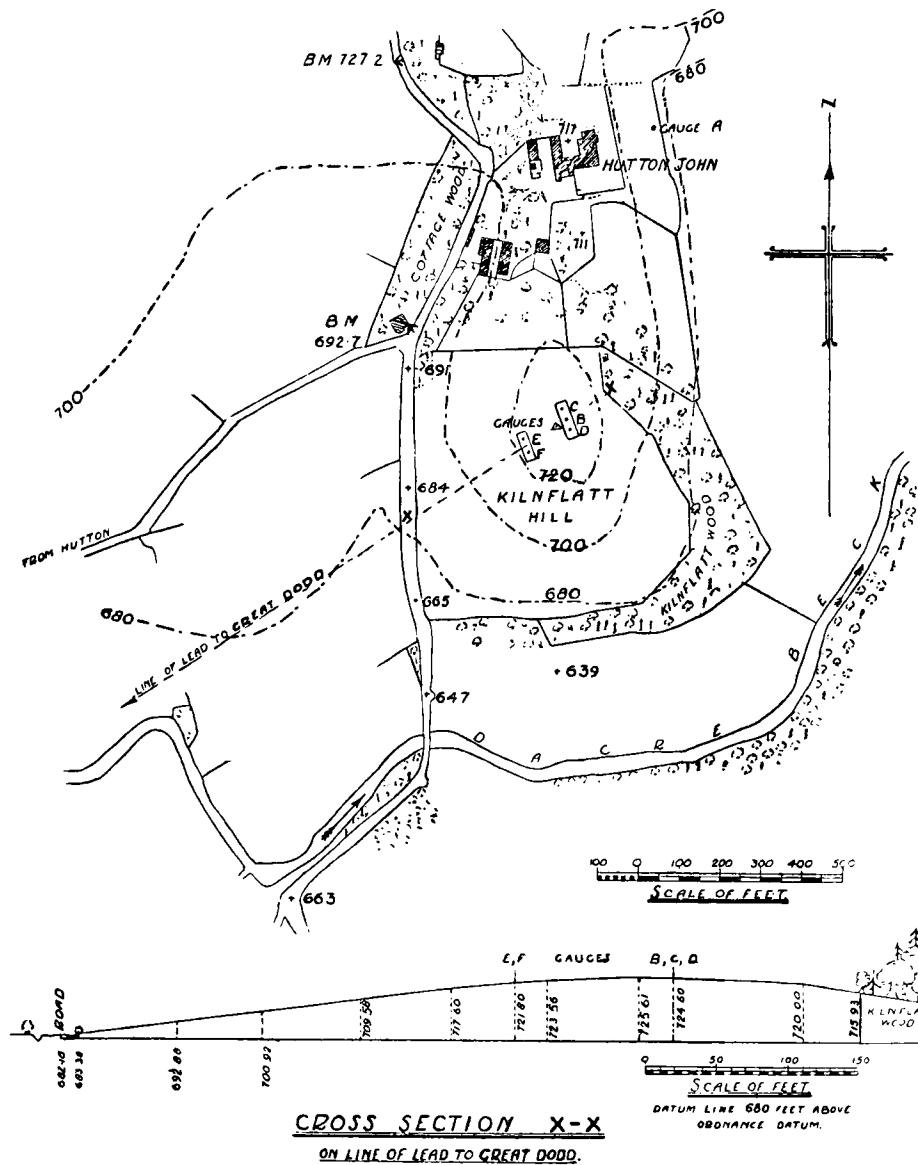
The Meteorological Office lent me five of their standard 5" gauges, three of which I put in a row at right angles to our prevailing wind on the hill a little leeward of the actual summit, while the other two are at some distance down the windward side of the hill so as to get conditions of a similar order to those of the Styne and the Tarn gauges at Seathwaite, but of course, not quite to the same extent since the N.W. slope up to the Sprinkling Tarn gauge from the col of the Styne Head pass is not far short of 1 in 4 while the gauge itself is nearly 2,000 feet above sea level.

As Kilnflatt Hill is used for grazing cattle and sheep I fenced in two enclosures with a wire fence of three wires only, designed to prevent cattle getting near the gauge while allowing free access to sheep—as is often done for a cricket pitch. One of these enclosures, 30 yards by 12 yards is put up 11 yards to the east of the actual summit of the hill and accommodates 3 gauges, C, B and D, placed 8 yards apart on a line from N.N.W. to S.S.E., while the other enclosure, 22 yards by 12 yards, is 29 yards west of the summit just where the 1 in 8 slope merges into the hill top, and it holds 2 gauges, E and F, placed 9 yards apart on a line parallel to that of the other three. The exact ground levels are as follows: Summit, 725.6 ft. above Ordnance Datum; Eastern gauges, 724.6 ft. above O.D.; Western gauges, 721.8 ft. above O.D. The lip of every gauge is 1 foot above ground level.

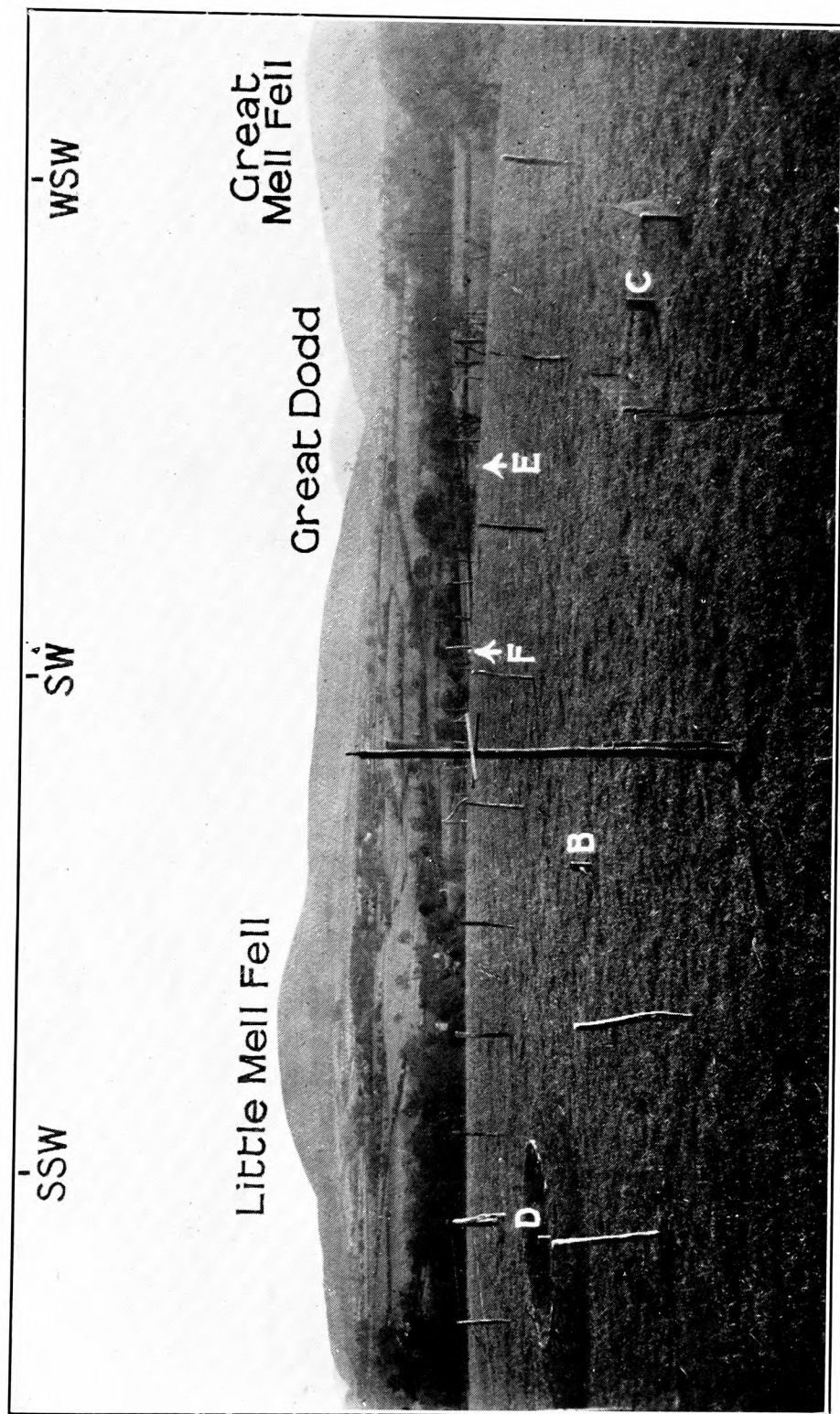
The check gauge A, 250 yards north of the experimental group, is a new standard 5" Snowdon gauge on the Lower Terrace of the gardens at Hutton John at ground level of 688 ft. above O.D. at the exact spot where a 5" British Association gauge had been established since 1886.

This gauge is shielded from the full blast of westerly gales by the house itself (160 feet away) and its sheltering plantations, but it is 5 yards west of the 7-ft. retaining wall on the east side of the Lower Terrace, and this wall proved eventually to have a very definite effect on A's catches when an easterly wind was blowing.

The contoured map below shows the relative positions of check and experimental gauges while the cross-section along the line of sight to Great Dodd shows the shape of the hill.



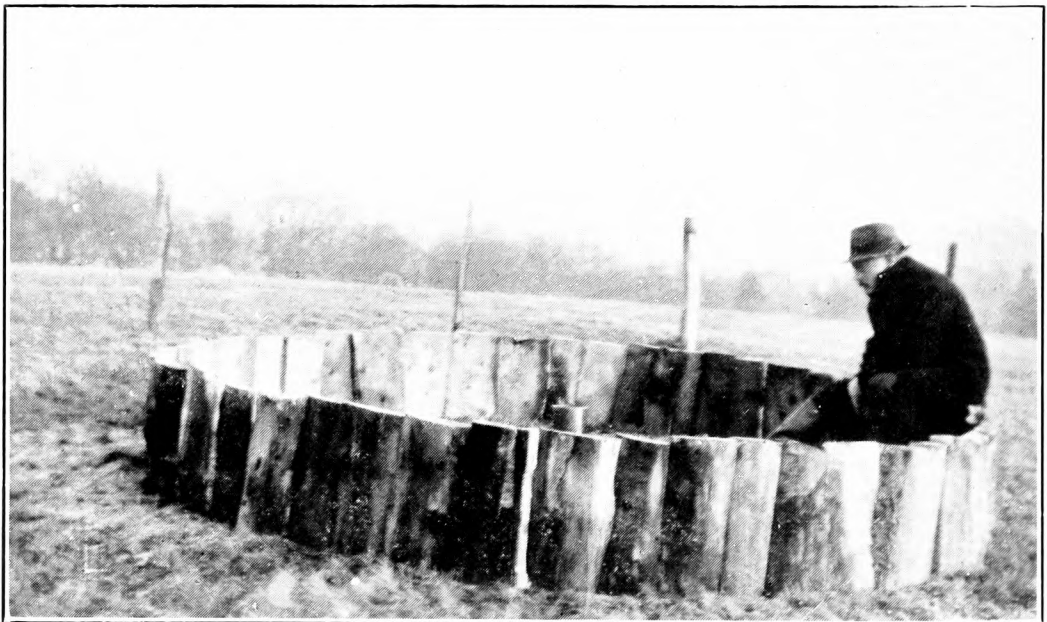
Map showing contours in neighbourhood of Kilnflatt Hill, and positions of Rain-gauges A, B, C, D, E and F.



No. 1.—The Rain-gauges on Kilnflatt Hill.



No. 2.—The “E” Gauge in January, 1927.



No. 3.—The “F” Gauge in January, 1927.

The photograph No. 1—taken in May, 1927, off a staging which raised the lens of the camera to 12 feet above ground level—shows the lie of the country over which westerly gales must blow before they reach Kilnflatt Hill and it also shows the 5 gauges with the second series of artificial shelters.

Gauges A and B have always had the usual normal exposures of a rain-gauge while C, D, E and F have been used for the experiments.

The first installation which was completed by the 9th November, 1926, was as follows. Gauges C and E were in the centre of a 6-ft. square shield of 1" mesh galvanized wire-netting fastened to small wooden posts at each corner with its upper edge 2 ft. 6 in. above ground level on three sides of the square, N., S. and W., the East side being left open for sheep to get in and graze. Gauges D and F had a complete circular wood palisade 10 ft. diameter, and 1 ft. 6 in. above ground level intended to represent the circular turf wall suggested on page 7 of "Rules for Rainfall Observers." Photos Nos. 2 and 3, show these shields in the Western enclosure.

The first day showed me how difficult it was to pour the contents of the five cans into the measuring glass when a strong wind was blowing and I, therefore, put ordinary quart whiskey bottles inside the cans; they hold about $2\frac{1}{4}$ inches of rain from a 5" gauge and are, therefore, ample for most daily catches and they make an easy and safe job of what is in fact a very ticklish operation in a gale of wind; but the neck of a whiskey bottle is rather a close fit for the mouth of a M.O. measure, and I did on one occasion get the bottle locked in the mouth of the measure with a disastrous result.

The four days, 11th to 14th November, were rough with winds between force 4 and force 8 veering and backing between South and West and the following catches were registered for the 96 hours:

	A	B	C	D	E	F
Total catches ..	2.30	2.22	2.14	2.09	1.83	1.71 in.
Catches in % of A ..	100	96½	93	91	80	74 per cent.

while if we compare like with like in the two enclosures we get

$$E = 85\frac{1}{2} \text{ per cent. of C, and } F = 82 \text{ per cent. of D}$$

to illustrate the effect of the slope in preventing small rain drops from falling into the funnels of a gauge on a 1 in 8 slope.

The remaining days in November were comparatively calm, but on the 18th a heavy rainfall with a S.E. wind gave

	A	B	C	D	E	F	
Catches	0.76	0.86	0.84	0.84	0.90	0.87	in.
Catches in % of A ..	100	113	110	110	118	114	per cent.

which illustrated at once the influence of the little retaining wall upon gauge A, and of the plantation on the eastern slope of Kilnflatt Hill

upon the 5 experimental gauges, for the catches of E and F were distinctly above the other three.

December opened with a rough day on the 2nd when a wind from N.W. and up to force 5 or 6 gave

	A	B	C	D	E	F
Total catch..	0.31	0.28	0.28	0.26	0.25	0.23 in.
In % of A ..	100	90	90	84	80	74 per cent.

while E=90 per cent. of C, and F=90 per cent. of D.

The 48 hours of December 16th and 17th with a West wind up to force 7 gave

	A	B	C	D	E	F
Total catch..	0.71	0.68	0.63	0.58	0.49	0.50 in.
In % of A ..	100	96	89	82	69	70 per cent.

while E=78 per cent. of C, and F =86 per cent. of D.

But December, 1926, was a comparatively dry month, for its totals were

	A	B	C	D	E	F
Total catch..	1.39	1.30	1.22	1.10	1.01	0.98 in.
In % of A ..	100	94	88	80	73	70 per cent.

while E=83 per cent. of C, and F= 90 per cent. of D.

January, 1927, was a rough month with a big rainfall and Westerly winds of considerable force at night and its totals were

	A	B	C	D	E	F
Total catches ..	6.75	6.36	6.07	5.75	4.93	4.97 in.
In % of A ..	100	94	90	85	73	73 per cent.

while E=81 per cent. of C, and F=86 per cent. of D.

On January 12th, with strong Westerly winds up to gale force in the night, we got in the 24 hours

	A	B	C	D	E	F
Catch ..	1.31	1.28	1.20	1.08	0.89	0.94 in.
In % of A ..	100	98	91	82	68	72 per cent.

while E=74 per cent. of C, and F=87 per cent. of D.

In the six stormy days, January 24th to 29th inclusive, when we had gales, lightning, hail, snow and also had several trees blown down, I registered for the 144 hours the following :

	A	B	C	D	E	F
Total catches ..	3.14	2.92	2.77	2.76	2.32	2.26 in.
In % of A ..	100	93	85	85	74	72 per cent.

while E=84 per cent. of C, and F=82 per cent. of D.

February was a comparatively dry month and during it the shields

were altered, but on February 3rd, while the old shields were still in position and a Westerly wind of force 6 was blowing, we got

		A	B	C	D	E	F	
Catch	..	0.24	0.24	0.23	0.21	0.17	0.17	in.
In % of A	..	100	100	96	88	71	71	per cent.

while E=74 per cent. of C, and F=81 per cent. of D.

For the whole period of 94 days between 9th November, 1926, and 10th February, 1927, during which the first set of shields were in use, the grand totals were

		A	B	C	D	E	F	
Total catches	..	13.47	12.90	12.46	11.87	10.70	10.48	in.
In % of A	..	100	96	92½	88	79½	78	per cent.

while E=86 per cent. of C, and F=88 per cent. of D.

i.e., the shielded gauges on the 1 in 8 slope of the Western side of the hill had a total of 87 per cent. of their corresponding gauges just beyond the summit of the hill and only 40 yards to the East of them, while on stormy days they fell back to below 80 per cent. The precipitation has been almost entirely in the form of *rain*, for we have had very little snow since the big fall of 24th October, 1926.

It had by this time been proved conclusively from the catches obtained and by some experiments I had made with little floss silk streamers on small bamboos stuck into the ground all about the gauges that our types of shields on Kilnflatt Hill were inducing greater turbulence than that round a normal unshielded gauge and since the M.O. experiments at Lympe indicated similar effects with their 2 ft. 6 in. high wire-netting shields, I started to alter my own shields on February 10th, after consultation with Mr. Corless, in the following manner :—

Gauge C had its corner posts and wire netting lowered to 1 ft. 6 in. above ground level. Gauge D had its paling driven another 3 inches into the ground and left as a core 1 ft. 3 in. high for a turf wall with nearly vertical inner face and a 1 in 3 outer slope, *i.e.*, the outer slope was 3 ft. 9 in. long at ground level and sloped up regularly to 1 ft. 3 in. above ground level; very much like the sloping turf wall which the M.O. had been testing at Holyhead.

Gauge E had four 6 ft. iron hurdles 3 ft. 4 in. high—such as are used for fencing against heavy cattle—fixed on all four sides of a 6 ft. square in the manner often adopted for protecting gauges on moors and fields, for there has been little doubt that such hurdles have a considerable but unknown sheltering effect on the gauges they surround; while gauge F, which is 9 yards away from E, had its palisading removed entirely and it was left as a normally exposed gauge on the 1 in 8 slope for purposes of comparison, firstly, with the hurdled

gauge E which has identical conditions of exposure, and secondly, with B which is also normally exposed but on level ground beyond the summit of the hill.

This new installation was completed by February 25th, but the wind was slight and variable up to the end of the month and no very definite effects were obtained until we got into *March* when the first 5 days with Westerly winds never much greater than force 6 gave the following catches for the 120 hours.

	A	B	C	D	E	F
Totals for 120 hours	1.16	1.09	1.12	1.14	0.90	0.94 in.
In % of A	100	94	96½	98	77½	81 per cent.

while F=86 per cent. of B as the slope effect and

E=96 per cent. of F as the deleterious influence of the hurdles

but on March 2nd, the roughest day of the five, with wind of force 6 or more there were heavy squalls in the night, I booked

	A	B	C	D	E	F
Catches	0.61	0.56	0.57	0.57	0.43	0.45 in.
In % of A	100	92	93	93	70	74 per cent.

while F=80 per cent. of B, and E=95½ per cent. of F.

Comparatively calm weather then continued until March 29th when a Westerly wind of force 6 at least gave us

	A	B	C	D	E	F
Catches	0.56	0.57	0.56	0.57	0.44	0.49 in.
In % of A	100	102	100	102	79	87 per cent.

and F=86 per cent. of B, while E=90 per cent. of F.

But on March 25th a South-east wind with a good deal of rain gave the following results :

	A	B	C	D	E	F
Catches	0.30	0.34	0.34	0.34	0.35	0.36 in.
In % of A	100	113	113	113	117	120 per cent.

which are very much like those of November 18th, and illustrate again the influence of the retaining wall near the garden gauge, and the sheltering effect of the Kilnflatt plantation when the wind is in the East.

The total catches for the month of March were

	A	B	C	D	E	F
Catches	3.80	3.80	3.81	3.84	3.37	3.45 in.
In % of A	100	100	100	101	89	91 per cent.

and F=91 per cent. of B, while E=98 per cent. of F.

Five consecutive rough days, April 4th to 8th, with strong Westerly winds, though not up to gale force, gave

	A	B	C	D	E	F
Total catches for 120 hours.	1.03	1.03	1.03	1.03	0.88	0.89 in.
In % of A	100	100	100	100	85	86 per cent.

and F=86 per cent. of B, while E=99 per cent. of F.

On April 13th a big rainfall with a high Westerly wind up to force 6 or 7 gave

	A	B	C	D	E	F
Catches	0.62	0.62	0.62	0.62	0.45	0.48 in.
In % of A	100	100	100	100	73	77 per cent.

and F=77 per cent. of B, while E=93 per cent. of F.

Four consecutive rough days, April 22nd to 25th, and fairly high Westerly winds though hardly up to gale force, gave for 96 hours

	A	B	C	D	E	F
Total catches ..	1.35	1.31	1.30	1.32	1.01	1.07 in.
In % of A ..	100	97	96	98	75	79 per cent.

while F=82 per cent. of B, and E=94 per cent. of F

and for the 24 hours booked to April 22nd (the roughest day of the four), F's catch was only 76 per cent. of B's catch and this is the lowest ratio I have yet booked for the influence of the 1 in 8 slope upon gauges with normal exposures.

The totals for the whole month of April were

	A	B	C	D	E	F
Total catches ..	3.58	3.50	3.49	3.51	2.79	2.90 in.
In % of A ..	100	98	98	98	78	81 per cent.

while F=83 per cent. of B, and E=96 per cent. of F.

May has not given us any really rough weather and its readings are

	A	B	C	D	E	F
Total catches ..	2.39	2.32	2.33	2.38	2.13	2.19 in.
In % of A ..	100	97	97	100	89	92 per cent.

while F is 94 per cent. of B and E is 97 per cent. of F.

The following table summarises the results of the second series of shields from February 26th to May 31st, 1927, *i.e.*, 95 days of a cold, rough Spring, not very unlike the first period (Nov.-Jan.) in its quantity of precipitation.

	A	B	C	D	E	F
Total catch of 95 days.	10.26	10.12	10.14	10.25	8.82	9.05 in.
In % of A ..	100	99	99	100	86	88 per cent.

with F=89 per cent. of B and E=97 per cent. of F.

If we compare the results of the two periods we find that gauge B has improved its catching capabilities from 96 per cent. to 99 per cent. of A—presumably because of the rather milder weather; that C has improved from 92 per cent. up to 99 per cent.; while D has gone up from 88 per cent. to an average of 100 per cent. for the whole time and in each of the rough spells since the middle of February D has been persistently close to A. Now the rock just west of the Sty Head Tarn gauge is much like the palisade of D's first shield only it is decidedly bigger.

Again the sloping turf wall round D has enabled it to catch rather more than B, which is only 8 yards away, whereas when D had the bare timber palisade round it we only got catches averaging 92 per cent. of B. Moreover, when I tried my floss silk streamers on and inside this sloping turf wall, I found very little indication of the turbulence that had been so marked with the bare palisade, and it seems probable that we shall next winter find the sloping turf wall enable gauge D to beat gauge B; but whether D is catching more than its true quantity, or whether B catches less than it should do, is a question on which we need more information than we have got at present.

The three months' totals of the second period show also that iron hurdles have a distinctly bad effect on a rain-gauge's catch, while on one day, March 29th, with strong Westerly winds up to force 6 or more, E's catch was only 90 per cent. of F. Happily, a hurdled protection is not needed against sheep which are our only enemies—barring the mischievous tourist—at the Tarns and the Sty in the Seathwaite district, and it seems possible that a slight change in the actual sites of the two Tarn gauges combined with a sloping turf wall might enable us to learn much more of the true relative rainfalls of this 'historic' area than the present gauges are able to tell us. I look forward with much interest to what Fate may enable me to record at Kilnflatt Hill in the winter of 1927-8.

The wire-netting shields are interesting as an experiment but they are—to my mind—too flimsy for regular use in an exposed hill country, whereas a well-made sloping turf wall will stand all weathers.

My estimates of wind force—which are on the Beaufort scale—are probably too low in several of the periods I have given above, for the old woods to the west of Hutton John form such an efficient shelter as to make it difficult to realise the true strength of the wind on Kilnflatt Hill unless one actually goes out there, and most of our winter rain here falls during the night.

During these experiments the following occurrences have been noted:

1. The Wind vane on Kilnflatt Hill has never been found during strong winds to point direct to Little Mell Fell, which has an altitude of 5° above Kilnflatt Hill and is 2 miles away. The vane, however, frequently points directly to Great Mell Fell which has an altitude

of 3° 50' above Kilnflatt Hill and is 3 miles away. It would seem as if any wind between S.S.W. and W.S.W. is influenced by the two Mell Fells and leaves the Matterdale valley with a greater Westerly bias (if I may so describe it). A glance at a contoured map of the Lake district will make my meaning clear.

2. The funnels of the gauges in the Western enclosure are more often bone-dry than those of the Eastern enclosure, while all 5 experimental gauges are frequently bone-dry when A's funnel is wet: moreover, on many days when A's catch is 0·03 inches or less, the catches of the 5 other gauges fall back in varying degrees to barely 66 per cent. of A. Apparently, this is due to the greater evaporation caused by the breeze which is seldom absent from Kilnflatt summit.

3. Between 9 a.m. of April 7th and 9 a.m. of April 8th the catches I booked are curiously abnormal

		A	B	C	D	E	F
Catches	.. ..	0·18	0·21	0·21	0·21	0·19	0·19 in.
In % of A	.. ..	100	116	116	116	105	105 per cent.

but my Wind notes are West, of forces between 2 and 4 for the whole 24 hours.

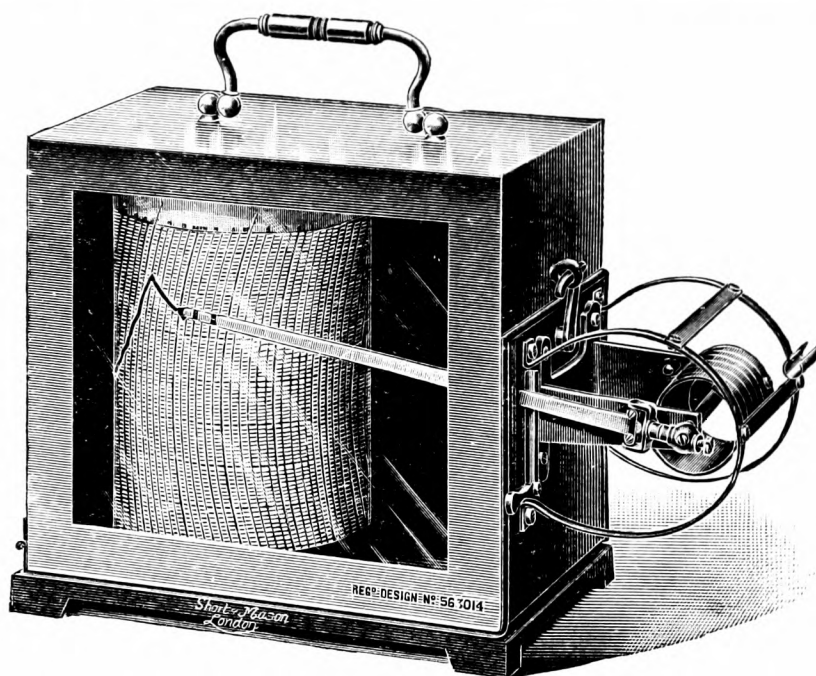
It will be seen from the catches given above for 18th November, 1926, and 25th March, 1927, that a strong Easterly wind gives A a smaller catch than B, C or D, and enables E and F to exceed all the other four, and I have registered similar though smaller differences on two or three other days, but on April 7th, gauges E and F when compared to B, C and D indicate a Westerly wind, while A seems to require an Easterly wind to make its catch so small. I incline to the belief that during the night between April 7th and 8th, when the rain actually fell—for it was quite dry up to sunset—the shape of the Dacre valley did, in fact, cause an Easterly wind to blow on Hutton John for some little time and thus confuse the catches.

The M.O. have been good enough to examine their records of neighbouring stations for the night of April 7th-8th, and their verdict is: "We cannot say definitely whether you had an East wind during that night or not. All we can say is that such a wind would not be incompatible with the available information regarding the pressure distribution."

This is the sole abnormal record I have made during the 7 months since 10th November, 1926, and I of course admit that I might have made an error in A, but I do not think this is probable because an amount represented by 3/100 of an inch in the M.O. measure is too obvious for any trained civil engineer to overlook when he books his readings on the spot.

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