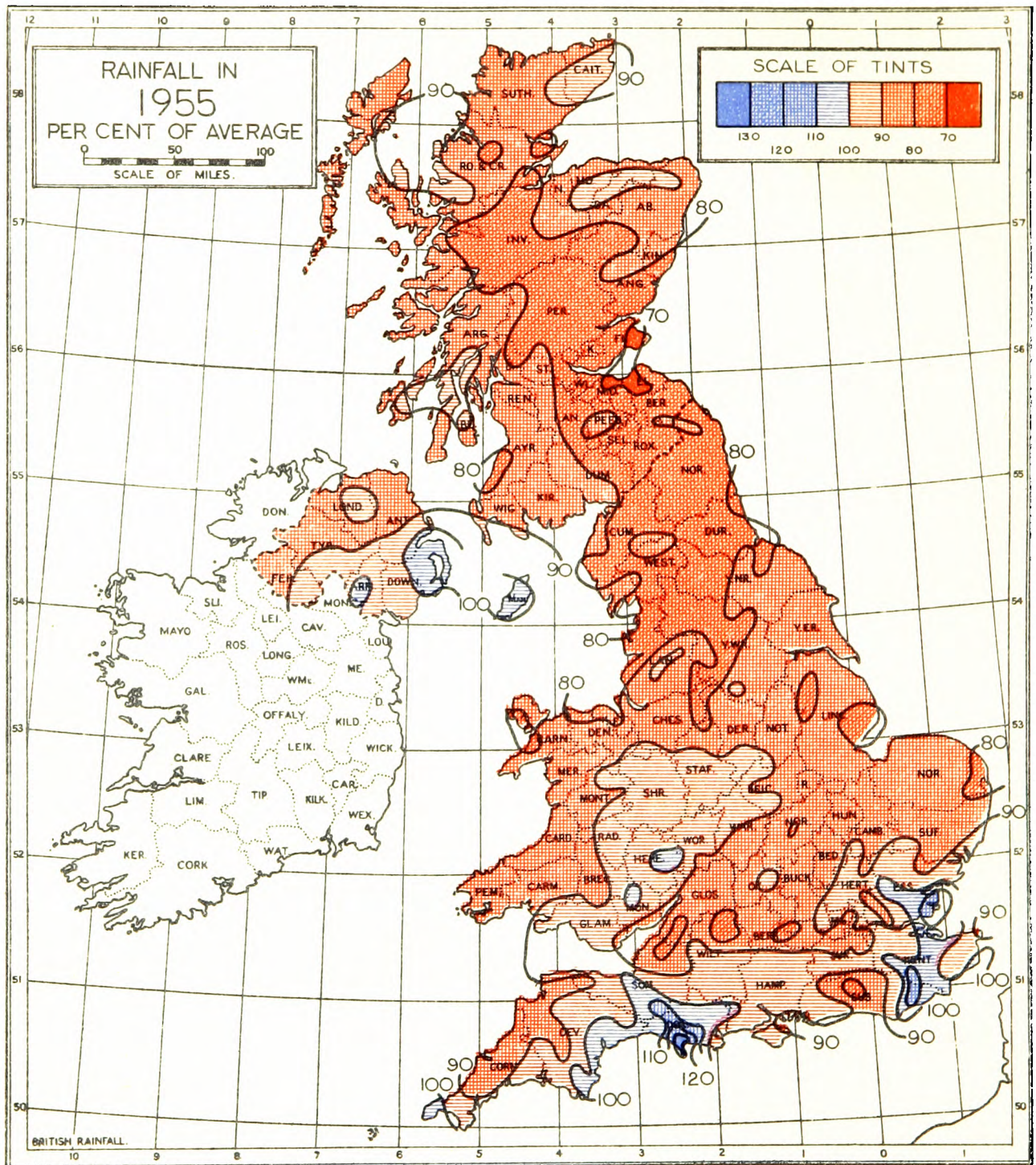


RELATION OF RAINFALL IN 1955 TO THE AVERAGE OF 1881-1915



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

M.O. 629

AIR MINISTRY

METEOROLOGICAL OFFICE

BRITISH RAINFALL

1955

THE NINETY-FIFTH ANNUAL VOLUME OF THE
BRITISH RAINFALL ORGANIZATION

*Report on the
Distribution of Rain*

in space and time over Great Britain
and Northern Ireland during the year 1955
as recorded by about 5,000 observers

WITH MAPS

LONDON
HER MAJESTY'S STATIONERY OFFICE
1957

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CONTENTS

	PAGE		PAGE
PART I		PART III	
1 THE WORK OF THE BRITISH RAINFALL ORGANIZATION — <i>British Rainfall 1955</i> — <i>Local Organizations</i> — <i>The Staff of Observers</i> — <i>Co-operation with other Bodies</i> — <i>Rainfall Averages</i> — <i>River Boards</i> — <i>Items of Interest</i> — <i>Inspections</i> — <i>Inquiries</i> — <i>Obituary</i>	1	SNOWFALL IN GREAT BRITAIN DURING THE DECADE 1946–1955. By L. C. W. Bonacina	219
2 DISTRIBUTION OF RAIN IN TIME— DAYS WITH RAIN	6	LIST OF ILLUSTRATIONS	
3 DROUGHTS AND DRY SPELLS	12	Relation of the Rainfall of 1955 to the Average (coloured plate)	<i>frontispiece</i>
4 RAIN SPELLS AND WET SPELLS	23	Distribution of Wet-Days in 1955 (map)	7
5 DURATION OF RAINFALL	27	Rainfall in Inches, July 18 (map)	46
6 HEAVY FALLS IN SHORT PERIODS	34	Percentage of the Average in each Month in 1955 (12 maps)	54–65
7 HEAVY FALLS ON RAINFALL DAYS	42	Percentage of the Average in the Seasons—	
8 MONTHLY RAINFALL	51	Winter Half-Year, 1954–1955 (map)	79
9 SEASONAL RAINFALL	79	Summer Half-Year, 1955 (map)	80
10 TOTAL FALL OF RAIN IN 1955	85	Twelve Months, October 1954– September 1955 (map)	81
11 EVAPORATION AND PERCOLATION	89	Total Rainfall in 1955 (map)	86
PART II		Divisions used in British Rainfall (map)	96
EXPLANATORY NOTE	97		
COUNTY INDEX TO GENERAL TABLE	99		
GENERAL TABLE: THE RAINFALL OF THE YEAR	100		

List of Principal Tables

TABLE	PART I	PAGE	TABLE	PAGE	
2A	Wet-days over England and Wales, 1942-1955	8	7A	Maximum Daily Fall and Maximum Percentage, 1935-1955	42
2B	Number of Rain-days and of Wet-days, 1955. (Monthly and Annual Values at 82 Stations)	9	7B	Largest Daily Rainfalls in 1955	43
3A	Number of Droughts at 82 Stations, 1940-1955	13	7C	Falls of 7 inches or more in a Rainfall Day, 1865-1955	43
3B	Number of Dry Spells at 82 Stations, 1940-1955	14	8A	General Rainfall for 1955—Monthly and Annual Values	51
3C	Periods of Droughts and Dry Spells at 82 Stations, 1955	15	8B	General Monthly and Annual Averages of Rainfall, 1881-1915	52
4A	Number of Rain Spells at 82 Stations, 1940-1955	24	8C	Monthly Rainfall at 334 Stations, 1955	66
4B	Number of Wet Spells at 82 Stations, 1940-1955	24	8D	Monthly Rainfall in 1955 as Percentage of Average (123 Stations, together with General Values)	75
4C	Rain Spells and Wet Spells at 82 Stations, 1955	25	9A	Seasonal Rainfall, 1954-1955, in Relation to Average	82
5A	Duration of Rainfall, 1955. (Monthly and Annual Values at 145 Stations)	29	9B	Serial Values of Seasonal Rainfall as Percentage of Average	84
5B	Mean Rate of Rainfall, 1955. (Monthly and Annual Values at 15 Stations)	33	10A	General Rainfall 1955 Compared with Average	85
6A	Lower Limits of Intense Rainfalls	34	10B	Rainfall of 1955 at 93 Stations as Percentage of Average	88
6B	Number of Noteworthy Rains of Two Hours' Duration or less, 1955	35	11A	Evaporation in 1955 at 15 Stations	91
6C	Heavy Falls in Short Periods in 1955	39	11B	Rainfall, Percolation and Inferred Evaporation, 1955	92
6D	Number of Days on which Specified Amounts of Rain fell in Specified Times, 1955	41	11C	Drainage Gauge Records, 1955	93
PART II					
	County Index to General Table				99
	General Table				100

BRITISH RAINFALL 1955

PART I

1 The Work of the British Rainfall Organization

"BRITISH RAINFALL 1955." This volume is in the same form as that for 1954. The contents and layout were reviewed during the year, some of the main users being invited to express their views. As a result of this review, it is hoped to include a few changes in subsequent volumes.

LOCAL ORGANIZATIONS. Most of the rainfall returns from which *British Rainfall* is compiled are sent by the observers direct to the Meteorological Office, but in some regions there are local organizations who considerably assist by collecting rainfall returns for forwarding to the Office and by stimulating interest in weather recording. Among the officials of such organizations there should be mentioned Mr. A. E. Tyrrell of the Northamptonshire Natural History Society; Mr. R. S. Copeman of the Norfolk Rainfall Organization; the Librarian, North Devon Athenaeum; Mr. E. L. Kelting of the Somerset River Board; and Mr. D. W. Bogle of the Cornwall Rainfall Association.

Mr. Robert Burrow, Engineer and Manager of the Jersey New Waterworks Company, forwarded returns from several stations in Jersey, and Mr. W. N. McCall, Burgh Surveyor of Kilmarnock, continued the collection of records in Ayrshire.

The exchange of information with the Director of the Meteorological Service of the Irish Republic was continued.

THE OBSERVERS. The information on the rainfall in 1955 presented in this volume is based on the collection of about 5,500 returns of rainfall received from all parts of the

country. Not all of these are included in the General Table (Part II of this volume), the Table being shortened by the omission of returns from check gauges and of some records which are not complete. Returns are contributed either by private persons who measure the rainfall primarily as a matter of personal interest, or by local authorities—especially the authorities of water undertakings and, in England and Wales, the River Boards—who find that a knowledge of rainfall is essential to them in their work. The goodwill of the observers who voluntarily forward copies of their observations for preservation is gratefully acknowledged. Without their co-operation the compilation of *British Rainfall* would not be possible.

The total number of records printed in Part II of this volume is 5,049. There are 253 additional records, while 374 records printed in *British Rainfall* 1954 have dropped out of the table.

The net loss in England was 66, in Wales 39, in Scotland 11, and in Northern Ireland 5, a total loss of 121.

Among the additional rainfall returns included in this volume the following are of special interest: four from stations set up by the East Surrey Water Company; five near East Grinstead from the Weir Wood Water Board; seven in the Midlands from British Waterways; three near the Lincolnshire coast maintained by the Alford Drainage Board; four near Stocks Reservoir maintained by the Fylde Water Board; and two set up in isolated parts of Cardiganshire in co-operation with the Royal Meteorological Society.

The North of Scotland Hydro-Electric Board contributed 12 additional returns; the majority were for the areas to the west of Loch Tay, in Glen Dochart and Glen Lochay. Those for Strath Kanaird, near Ullapool, and Loch Naver, in central Sutherland, are also of special interest. Other interesting new returns are from a station on the island of Seil, between Mull and the mainland, to the south of Oban; on Loch Maree, maintained by the Nature Conservancy; at Loch Morlich in the Spey Valley, maintained by the Forestry Commission and at Lochport, North Uist, in the outer Hebrides.

Rainfall data for earlier years were received from many sources. Among these may be mentioned the records kept at Barley Wood near the Yeo Reservoir, Bristol, supplied by Capt. M. W. Wills, C.B.E., for certain years from 1923; at Groes Hall to the west of Denbigh from 1936 to 1954 from Mr. E. K. Turnour; and at East Barnet from 1929 to 1954 from the Engineer of the East Barnet U.D.C.

CO-OPERATION WITH OTHER BODIES. The Meteorological Office was represented on the Hydraulics Committee of the Institution of Civil Engineers, on the Hydrological Research Group of the Institution of Water Engineers, on the Hydrology Sub-Committee of the National Committee for Geodesy and Geophysics (Royal Society), on the sub-committee on Information on Water Resources of the Central Advisory Water Committee of the Ministry of Housing and Local Government and on the newly formed Joint Committee on Rainfall and Run-off set up by the Department of Scientific and Industrial Research (Road Research Laboratory) and the Ministry of Housing and Local Government.

A report of the Hydraulics Committee of the Institution of Civil Engineers on Recent Developments in Hydraulics was published in the Proceedings for December 1955.

Co-operation has continued with the Department of Scientific and Industrial Re-

search, Road Research Laboratory, on surface water drainage problems.

The aims of the Joint Committee on Rainfall and Run-off were outlined in *British Rainfall*, 1954. Some progress has been made in respect of the proposed network of open-scale rain-recorders over the whole country, and a start has been made with the special investigation using a close network of open-scale synchronized rain-recorders at Cardington (Bedfordshire). Open-scale rain-recorders were distributed to some 25 Meteorological Office stations and a form was prepared with a view to obtaining adequate tabulations both at these and at additional stations which it is hoped will be established by Local Authorities concerned with town drainage. Some data along these lines are already being received. Though the full investigation at Cardington will take some years, data for the first interesting falls to be recorded in such detail are already being analysed.

The Evaporation Sub-Committee of the Hydrological Research Group of the Institution of Water Engineers is conducting an investigation of evaporation from a storage reservoir covering 40 acres at Kempton Park in co-operation with the Metropolitan Water Board. A comparison is being made between losses by evaporation from the reservoir, by evaporation from a standard evaporation tank and obtained by computations based on the climatological data at the nearby stations of Hampton and Kew.

The first year's data were used as the basis for a preliminary paper by the Chairman of the Sub-Committee on "Evaporation from the surface of a reservoir" at a meeting of the International Hydrological Association at Dijon in September 1956.

A report on the Snow Survey of Great Britain for the season 1954-55 was prepared and published in the *Meteorological Magazine*, December 1955. The basic information is obtained from the monthly returns—made by voluntary observers—of the daily records of snowfall and of any snow-cover within their range of vision.

Under the provisions of the Lanarkshire County Council (Daer) Water Order, an assessment was made of the average annual rainfall over the catchment area based on rainfall records maintained in the area from 1949 to 1955, for the purpose of fixing the compensation water to be passed down the stream.

Discussions also took place with the Engineer, Fylde Water Board, on the instrumentation of investigations at Stocks Reservoir, near Slaidburn, covering rainfall, run-off, evaporation, percolation and interception of rainfall by trees.

RAINFALL AVERAGES. Considerable progress was made with the preparation of rainfall averages for the period 1916-50. Although it is still too early to anticipate publication of the averages and their general introduction for use over the whole country, it is hoped to include a paper dealing with these averages in the next volume.

SURFACE WATER SURVEY. The Surface Water Year-Book of Great Britain, 1953-54, published by the Ministry of Housing and Local Government and Scottish Office, contains details of flow records for 102 areas. Estimates of the corresponding monthly rainfall were supplied for publication for 80 of the areas. Estimates of the monthly rainfall were also supplied for inclusion in the 1954-55 Year-Book.

RIVER BOARDS. Liaison with River Boards in establishing a representative distribution of rain-gauges in each of the 32 areas has continued, while the regular monthly supply of rainfall maps and data to many Boards continues. The stage has now been reached at which some Boards are collaborating with research teams from the Universities and other institutions in hydrological investigations within their areas.

ITEMS OF INTEREST. An article was prepared on the aspects of the storm of July

18-19, 1955, which caused the Weymouth floods and gave the largest daily amount on record, viz. 11 inches at Martinstown.

Mr. Bleasdale gave a paper on "The physicist's approach to problems of water loss from vegetation" at the British Association meeting at Sheffield in the section dealing with the afforestation of catchment areas.

A number of observers were asked to supply observations twice a day for a limited period, to supplement those already available from climatological stations and autographic records, in order to facilitate the study of the inter-variation of the rainfall of one area with that in adjacent areas.

INSPECTIONS. During the twelve months ending June 30, 1956, the rainfall inspector visited about 390 stations. These were situated mainly in the southern Pennines, north and south Wales, south-west England and around London. Arrangements for the inspections were made by many waterworks engineers including those at Manchester, Halifax, Rochdale, Ashton-under-Lyne, Heywood and Middleton, Wrexham and East Denbighshire, Cardiff, Taf Fechan, Bristol and Torquay, as well as those of the Central Electricity Authority. Many private observers in these areas were also visited.

In many cases it was possible to suggest improvements, either in the instruments or in the exposure of the rain-gauges. Observers and authorities were always most co-operative in carrying out these recommendations. Every endeavour was made to leave long established rain-gauges without change so that variations in the rainfall year by year and decade by decade could be adequately recorded in various parts of the country.

The Meteorological Office in Edinburgh carried out inspections of some 106 rainfall stations in Scotland. Many of those inspected were in the northern and north-western counties and, in addition, fairly large groups were visited in the areas around Loch Awe, Eskdalemuir, Glasgow, Dumbarton and Loch

Lee. The rain-gauges were included in the inspection of about 120 climatological stations in Great Britain and Northern Ireland.

INQUIRIES. As in previous years inquiries regarding rainfall in various parts of the country covered a very wide field. They included many requests for records defining the rainfall experienced during specified periods in specified localities, the supply of estimates of the average annual and monthly rainfall for given areas, advice on the provision of equipment and the best exposure for rain-gauges. Information was supplied in connection with water supply, drainage and hydro-electric schemes, including estimates of average annual rainfall in connection with additional water-supply schemes for the County Councils of Dumfriesshire, West Lothian, Inverness-shire, Sutherland, Renfrewshire, Angus and Montgomeryshire; for Newport (Mon), Cardiff, Bridgwater, Liverpool, Chesterfield, Oldham, Barnoldswick and Kilmarnock; and for the Stirlingshire and Falkirk Water Board, the Tees Valley Water Board, and the Bolsover and Clowne Water Board.

As in previous years, information was supplied monthly for publication in *Water and Water Engineering* and the *Meteorological Magazine* while monthly reports on the rainfall of Great Britain and Northern Ireland were furnished to the British Waterworks Association and to certain Government Departments. Detailed reports were supplied each month to the Metropolitan Water Board

and the Thames and Lee Conservancies. A comprehensive annual report was also prepared for the Metropolitan Water Board. The regular monthly issue of rainfall maps and data to industrial firms, Government Departments, consulting engineers, local authorities and numerous River Boards was continued.

The Meteorological Office, Edinburgh, dealt with numerous inquiries from legal and insurance firms and from the Press. The less routine inquiries covered a wide variety of subjects such as water supply, drainage, erosion, agriculture, forestry, horticulture, road construction and industrial problems.

OBITUARY. During the twelve months ending June 30, 1956, reports were received of the deaths of 42 observers who had contributed to volumes of *British Rainfall*. Of these, 8 kept rainfall records for 35 years or more. A list of these is given below.

Mr. Percy Clough supplied rainfall returns from Keighley (The Knowle) from 1910.

Mr. W. V. Bloom maintained a rainfall station at Fordham from 1903 until his death in May 1955 at the age of 87. The returns are being continued by the family.

Mr. David H. Owen maintained records of the weather at Birmingham (Sparkhill) from 1892; he forwarded rainfall returns to the Meteorological Office from 1905 and climatological returns from 1907. His death in November 1955, at the age of 84, brought to a sudden close a long and enthusiastic devotion to meteorology.

Name	Last place of observation	No. of years' records
Mr. Percy Clough	Keighley, Yorkshire	56
Mr. W. V. Bloom	Fordham, Cambridgeshire	52
Mr. David H. Owen	Sparkhill, Birmingham	51
Rev. Sir Paget Bowman, Bt.	Colehill, Dorset	48
Mr. Roger C. Mallock	Hook, Hampshire	47
Mr. J. A. Jones	Cray, Brecknockshire	46
Mr. R. Roberts	Llanafan, Cardiganshire	45
Mr. H. W. Apperley	Morecambe, Lancashire	36

Rev. Sir Paget Bowman, Bt., was vicar of Newington, near Sittingbourne, Kent, 1907–11, and of Woodside, South Norwood, 1911–19, and Rector of Shere, Surrey, from 1919 until 1950, when he resigned. A continuous rainfall record was maintained at these places and continued at Joldwynds, Colehill, from 1950–55.

Mr. Roger C. Mallock forwarded returns from Cockington Court, Torquay, 1901 to 1913, and from Nately Hatch, near Basingstoke from 1923 to February 1956.

Mr. J. A. Jones read a rain-gauge monthly at Cray, between the Carmarthenshire Black Mountain and the Brecon Beacons, from

1910 to 1955 and forwarded readings to the Meteorological Office.

Mr. R. Roberts read a rain-gauge monthly at isolated farms to the east of Aberystwyth—at Towy-Fechan, near Strata-Florida, from 1911 to 1923, at Yspytty Ystwyth from 1923 to 1933 and from Blaenddol, near Llanafan, from 1933 to 1955.

Mr. Harry William Apperley, F.R.Met.S., commenced observing in Wilpshire, near Blackburn, in 1920 and continued sending in returns when he moved to Bare, north of Morecambe, in 1939. He became known to a wide public through his contributions to various local newspapers.

2 The Distribution of Rain in Time

THE NUMBER OF RAIN-DAYS AND WET-DAYS IN 1955

To obtain a homogeneous series of statistics the following definitions are used in *British Rainfall*:

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

The former definition dates from the year 1865; the latter was adopted in 1919.

Maps showing the annual distribution of wet-days over the country have been included in *British Rainfall* since 1919. Maps showing the distribution of annual and monthly average numbers of rain-days have been published in the *Climatological Atlas of the British Isles*, but similar maps of wet-days have not yet been prepared.

Information as to the number of rain-days and wet-days in 1955 is set out in this volume in various forms. The General Table of rainfall shows the annual numbers of rain-days and wet-days at stations where daily observations are recorded. The distribution of the number of wet-days is shown on the map reproduced on p. 7.

A comparison of the number of wet-days over England and Wales in each month of 1955 with corresponding figures for the previous 13 years and also with the average values for 30 years (1919–1948) is facilitated by Table 2A.

To study the distribution of rain-days and wet-days throughout the year, 82 stations have been selected to represent as uniformly

as possible conditions over Great Britain and Northern Ireland. The same stations have been used in the preparation of Table 3c, Droughts and Dry Spells, and of Table 4c, Rain Spells and Wet Spells. The numbers of rain-days and wet-days recorded at these stations are given in Table 2B. The monthly mean values for England and Wales, Scotland and Northern Ireland are shown in the table. Computed average numbers of rain-days for the period 1881–1915 are also given for England and Wales and for Scotland for purposes of comparison. The monthly rainfall amounts for the 82 stations are included in Table 8c.

The map of the annual number of wet-days in 1955 shows a distribution which, in the main, is similar to that in earlier years. Broadly speaking the number of wet-days increases from the south-east to the north-west and from the plains of the east coast to the mountainous regions of the west.

There were 114 wet-days in 1955 over England and Wales as a whole, which was 24 less than the average and 38 less than in the previous year. Since 1919 only three years have yielded a smaller number: 1921, 1949 and 1953. Scotland had 145 wet-days, 29 less than the average and 51 less than the previous year; this is the smallest number since 1933 which also had 145 wet-days. Northern Ireland's total of 149 wet-days was 49 less than in the previous year, and the smallest value in the series since 1940.

In 1955 there were fewer than 100 wet-days to the east of the southern Pennines, over much of south-east England north of the



Thames as far west as Reading, along the south coast between Weymouth and Brighton and in the neighbourhood of Edinburgh. Totals exceeding 200 wet-days were confined to Skye and parts of Ross-shire. Among the selected stations the range was from 88 wet-days at Worthing to 189 wet-days at Lairg, Sutherland.

The number of rain-days over England and Wales as a whole was 159, or 29 fewer than the 1881-1915 average, and over Scotland there

were 195, or 22 fewer than average. Compared with the previous year, 1955 had 46 fewer rain-days over England and Wales, 52 fewer over Scotland and 60 fewer over Northern Ireland. The number for 1955 was the smallest for England and Wales since 1917, apart from those for 1921, 1949 and 1953, and for Scotland apart only from that for 1933. For Northern Ireland 1955 had the fewest rain-days since 1940. The range over Great Britain and Northern Ireland at the

selected stations was from 133 at Loughborough to 245 at Lairg (Crask) in the north of Scotland. Fewer than 125 rain-days occurred along the north coast of Kent, while stations with more than 225 rain-days were confined to the north-west of Scotland.

The month with the greatest number of rain-days generally was December, with 22 over England and Wales; 23 over Scotland and 22 over Northern Ireland. The smallest numbers occurred in July and August. The total number of rain-days for these two months was 11 for England and Wales, 16 for Scotland and 13 for Northern Ireland. In the case of both England and Wales and Scotland, the numbers were fewer than in any similar period since before 1917. There were also relatively few rain-days during March and April, and October and November. For England and Wales the total number of rain-days during the five months July to November was 30 less than the average for that period, while in March and April there were 9 fewer than average. For Scotland the corresponding numbers were 17 and 5. The total number of rain-days for England and Wales during the

five months July to November was 49, the smallest number since 1921, with 42. For Scotland, with 75 rain-days, a smaller number was recorded as recently as 1945, with 72.

The number of wet-days also, was least in July and August, which together gave only 8 wet-days for England and Wales, 10 for Scotland and 9 for Northern Ireland. These are the smallest numbers for July and August for England and Wales and for Scotland in the series since 1919. Indeed, only in March and April 1938 have fewer wet-days occurred in any group of two consecutive months over England and Wales while Scotland has never before experienced as few as 10 wet-days in two consecutive months.

Amongst the selected stations the largest number of both rain-days and wet-days in any month, 29 and 27, occurred at Tongue in the north-west of Scotland in December. The smallest number of rain-days occurred in July, when Wellingborough, Scilly and Falkirk recorded only one rain-day. Only one wet-day occurred at a few stations in south-east England during April and over a wider area during July.

**Table 2A Monthly Number of Wet-Days (Days with .04 inch or more)
over England and Wales 1942-1955**

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1942	14	5	10	7	13	3	11	14	12	13	7	17	126
1943	20	8	5	8	10	10	9	14	12	12	15	8	131
1944	13	9	4	9	6	11	11	9	13	16	19	12	132
1945	13	13	6	8	13	14	8	10	11	10	5	15	126
1946	12	12	7	8	10	15	10	16	16	6	18	16	146
1947	14	8	20	11	11	11	11	2	9	5	12	12	126
1948	22	10	6	9	9	15	8	14	9	11	9	13	135
1949	9	7	7	9	10	4	6	7	6	15	16	14	110
1950	7	16	8	15	9	8	12	16	18	9	18	13	149
1951	15	17	17	12	12	7	7	16	11	6	20	14	154
1952	15	6	11	10	10	9	6	12	13	14	13	16	135
1953	6	9	4	12	9	10	14	10	11	9	10	8	112
1954	10	14	12	4	11	12	13	15	16	15	18	12	152
1955	12	13	7	7	15	10	3	5	9	9	8	16	114
Average*	15	11	10	11	10	9	11	11	11	12	13	14	138

* Average for 30 years, 1919-1948.

Table 2b. Number of Rain-days (-01 in. or more) and of Wet-days (-04 in. or more) in 1955

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year	Total Rain- fall.
ENGLAND AND WALES															in.
London 2	St. Pancras (Camden Square) .	16 10	19 13	10 8	8 4	19 15	9 7	3 1	4 3	12 6	13 8	12 4	21 11	146 90	21·35
Kent 1	Dover (Waterloo Crescent) . . .	14 13	19 13	9 8	5 1	20 16	9 7	4 3	7 7	11 8	13 8	13 7	21 13	145 104	28·91
" 4	Edenbridge (Falconhurst)	16 14	17 12	12 8	3 1	21 17	12 8	4 3	6 4	12 7	11 9	11 8	19 13	144 104	30·94
Sussex 3	Worthing (Beach House Park)	16 14	14 8	9 4	6 1	19 16	12 7	4 1	7 4	11 7	10 6	10 6	22 14	140 88	24·75
Hampshire . . . 1	St. Catherine's Pt. Lighthouse.	16 13	15 10	8 4	12 6	21 16	12 10	7 4	4 3	10 7	9 6	9 6	24 19	147 104	26·05
" 4	Southampton (East Park)	18 11	18 10	8 6	10 2	21 16	9 8	6 3	4 3	11 9	9 8	10 10	22 17	146 103	29·76
" 8	South Farnborough (R.A.E.) . .	15 11	16 10	7 5	7 1	21 15	10 7	4 3	7 5	12 7	13 12	13 6	17 13	142 95	24·31
Hertford 2	Harpden (Rothamsted)	15 13	19 16	10 8	9 2	16 15	9 7	3 2	7 4	11 8	12 10	13 6	21 18	145 109	23·30
Oxford 3	Oxford (Radcliffe Met. Stn.) . .	18 12	18 10	12 7	11 5	20 15	13 10	2 2	6 4	11 8	15 10	12 8	26 14	164 105	22·95
Northampton 4	Wellingborough (Swanspool) . .	15 10	12 9	11 8	9 6	18 12	10 9	1 1	8 4	10 8	13 9	13 6	19 15	139 97	19·09
Huntingdon . . 1	Whittlesea Mere	11 9	18 11	11 7	11 6	13 11	11 9	3 1	11 8	6 6	13 11	12 5	17 9	137 93	16·53
Cambridge . . . 2	Cambridge (Botanic Gardens).	12 10	17 12	9 6	8 5	17 15	11 9	2 2	8 7	9 6	13 9	11 6	18 11	135 98	19·66
Essex 2	Southend (Waterworks)	19 11	18 12	11 8	5 2	19 15	10 9	3 2	11 6	11 7	9 7	10 5	18 11	144 95	22·15
" 5	Halstead (The Brewery)	15 11	18 12	10 8	7 2	18 13	10 8	4 2	6 4	9 5	12 9	10 4	18 13	137 91	21·17
Suffolk 4	Lowestoft (Secondary School).	13 7	17 13	15 9	10 3	16 9	12 10	2 2	10 6	7 5	14 10	10 5	19 12	145 91	18·41
Norfolk 3	Sandringham House Gardens . .	12 10	16 15	15 11	12 8	17 10	12 11	3 2	7 5	10 6	13 9	16 8	18 12	151 107	21·03
Devon, S. 5	Teignmouth (Den Gardens) . . .	21 13	19 14	7 7	9 6	18 13	12 8	3 2	4 3	11 10	8 6	10 7	22 20	144 109	33·30
Devon, N. . . . 1	Ilfracombe (Bowling Green) . . .	20 17	16 14	6 5	15 12	17 13	16 14	2 2	6 3	16 9	14 9	9 8	24 23	161 129	35·43
Cornwall 1	Bude (School House)	19 16	20 17	7 6	13 10	16 14	12 10	5 4	5 2	17 10	16 10	11 9	24 19	165 127	28·31
" 2	St. Austell(PoltairPublicGdns.)	25 20	21 19	8 7	12 8	19 15	15 11	4 2	5 3	15 12	14 9	12 10	28 26	178 142	40·74
" 4	Scilly (Tresco Abbey)	21 18	22 18	11 7	12 7	19 16	20 14	1 1	5 4	16 9	14 10	11 10	28 18	180 132	34·34
Somerset 1	Bath (Henrietta Park)	17 14	14 10	7 6	10 8	20 12	13 11	3 2	8 6	13 7	9 7	12 8	25 16	151 107	27·15
" 3	Taunton (Vivary Park)	18 12	16 13	8 6	7 6	21 16	12 9	5 4	4 3	10 9	6 6	9 8	23 18	139 110	29·33
Hereford 1	Ross-on-Wye	17 14	14 10	9 5	11 5	17 14	13 8	2 2	6 4	9 5	8 6	9 8	20 14	135 95	26·90
Shropshire . . . 3	Shrewsbury (Monkmere)	17 14	17 11	7 5	12 7	20 17	15 10	6 4	7 6	13 9	13 9	10 8	25 16	162 116	23·35
Warwick 1	Leamington Spa (Pump Room Gardens)	14 12	17 10	10 7	9 7	20 13	13 11	2 1	7 2	10 7	10 7	9 7	20 14	141 98	19·55
Leicester 4	Loughbor'gh (Nanpantan Res.)	15 9	13 9	11 9	9 9	19 14	10 9	3 3	4 2	10 9	10 6	12 8	17 15	133 102	25·69
Lincoln 3	Potterhanworth (Old Hall) . . .	13 9	19 12	14 8	12 9	21 12	13 11	3 3	4 3	11 10	11 9	13 8	17 10	151 104	22·48
Nottingham . . 5	Mansfield (Carr Bank)	13 8	15 10	10 9	10 6	17 10	12 11	4 3	6 4	9 5	11 5	12 7	16 14	135 92	23·86
Cheshire 2	Northwich (Hunts Lock)	13 11	15 12	11 5	13 11	19 15	15 12	3 3	7 5	16 8	13 10	13 8	22 19	160 119	23·91
" 3	Birkenhead (Bidston Obsy.) . . .	14 9	16 10	9 6	11 10	21 16	15 13	3 2	8 6	13 7	17 12	11 8	18 14	156 113	22·68
Lancs, C. 1	Squires Gate Airport	17 10	17 12	10 8	12 7	14 11	17 12	2 2	9 6	16 12	13 12	9 8	22 14	158 114	25·25

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1955 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year	Total Rain-fall.
ENGLAND AND WALES															
(continued)															
Yorks, W.R. .8	Wakefield (Clarence Park)	13 10	17 10	10 8	7 5	16 11	12 7	4 3	4 3	14 7	11 6	10 7	16 15	134 92	19.68
" E.R. .3	Hull (Pearson Park)	11 8	15 11	13 10	13 5	18 12	11 8	5 3	5 5	11 8	9 8	11 5	16 12	138 95	20.22
" N.R. .2	Felixkirk (Mount St. John)	18 9	19 14	15 10	11 6	16 13	13 8	5 5	5 3	15 8	13 8	17 11	18 14	165 109	22.00
" N.R. .5	Scarborough	15 5	20 16	16 11	15 7	19 16	13 8	4 3	12 7	12 8	15 12	16 9	20 18	177 120	22.08
Durham2	Durham (Houghall Hort. Stn.)	13 11	20 15	16 11	9 6	18 11	14 11	4 3	9 5	11 7	12 10	15 9	18 15	159 114	19.83
Northumb. . .6	Ilderton (Lilburn Tower Gdns.)	16 9	21 16	14 10	9 5	18 16	11 11	4 4	8 6	14 8	17 14	14 11	22 19	168 129	24.20
Cumberland .1	Geltsdale	18 14	20 16	14 11	14 11	23 15	16 10	3 3	9 7	20 16	19 11	16 8	21 17	193 139	28.10
" .2	Keswick (High Hill)	15 11	15 8	9 7	15 10	20 17	17 10	3 3	13 11	20 18	22 14	12 10	22 18	183 137	43.15
Westmorland .2	Ambleside	16 14	17 11	12 8	13 11	21 16	15 11	5 3	11 9	23 19	21 16	13 10	27 21	194 149	59.66
Glamorgan .7	Cardiff (Penylan)	22 15	14 10	7 6	14 11	20 15	16 13	3 2	6 4	18 14	10 7	9 8	28 24	167 129	35.72
Carmarthen .2	Llanddeusant (Pontcyrnfe)	24 15	20 14	10 5	15 14	19 17	21 17	6 5	10 6	20 11	17 12	14 8	28 20	204 144	48.93
Pembroke .4	Tenby (The Priory)	24 17	17 10	8 7	15 12	21 16	19 12	4 3	8 5	18 11	17 9	14 8	28 23	193 133	36.16
Radnor1	Birmingham W.W. (Tyrm'dd)	22 19	19 14	12 6	15 13	23 18	21 14	6 5	8 7	21 12	22 12	13 8	28 23	210 151	54.82
Montgomery .5	Lake Vyrnwy (Exper. Station)	21 20	19 17	13 8	14 12	23 20	18 15	6 5	11 7	18 13	18 13	14 9	28 23	203 162	50.00
Merioneth . .5	Aberdovey (Plas Penhelig)	22 14	20 14	12 8	17 14	19 17	20 16	3 3	8 7	17 13	20 16	11 8	23 20	192 150	36.46
Anglesey . . .	Llanerchymedd (Llwydiarth Esgob)	19 15	20 15	9 6	14 12	19 17	20 12	2 2	10 6	16 14	18 10	14 9	26 16	187 134	31.97
England and Wales	Mean of 48 Stations	17 12	17 13	10 7	11 7	19 15	14 10	4 3	7 5	13 9	13 9	12 8	22 16	159 114	...
	Average (1881-1915)	18 ...	15 ...	16 ...	14 ...	14 ...	13 ...	14 ...	16 ...	13 ...	18 ...	18 ...	19 ...	188 ...	...
ISLE OF MAN	Douglas (Borough Cemetery)	21 16	17 14	7 6	17 12	17 14	17 11	4 3	10 7	14 12	15 12	14 10	24 20	177 137	42.17
SCOTLAND															
Wigtown1	Castle Kennedy (Lochinch)	18 16	12 11	8 6	14 13	19 14	17 14	3 3	11 7	20 16	18 11	15 11	22 20	177 142	38.20
Kirkcudbright .5	Lochrutton (Dumfries W.W.)	14 12	11 8	7 6	14 9	18 15	22 14	4 4	10 7	21 13	18 13	16 12	24 20	179 133	37.26
Peebles2	Stobo Castle	19 10	18 14	15 9	15 9	22 15	18 10	6 4	12 10	23 17	17 12	15 9	24 20	204 139	28.86
Berwick4	Marchmont House	18 9	19 15	15 9	11 7	19 11	19 8	5 5	9 5	14 9	16 11	12 10	21 17	178 116	22.44
Lanark5	Strathaven (Kype Reservoir)	18 13	13 9	13 9	16 14	18 18	15 13	4 4	10 9	22 19	20 14	14 11	23 19	186 152	40.89
Renfrew3	Greenock (Prospect Hill)	22 17	14 8	10 7	17 13	16 14	17 9	5 3	10 6	24 21	23 15	17 12	26 24	201 149	46.82
Stirling1	Falkirk (Arncliffe)	19 15	15 12	8 7	10 7	17 12	13 8	1 1	10 7	21 12	14 11	13 7	22 19	163 118	27.87
Argyll11	Inveraray Castle Gardens	20 19	12 11	10 9	16 15	15 15	15 15	6 3	11 10	23 23	24 22	18 14	23 22	193 178	67.71
"14	Islay (Eallabus)	16 14	10 9	11 8	15 14	16 13	16 12	6 3	12 7	24 22	28 24	16 11	23 21	193 158	44.08
"14	Mull (Gruline)	21 20	12 11	13 8	16 14	17 13	14 10	8 7	10 8	27 25	29 23	20 19	24 22	211 180	63.49

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1955 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year	Total Rain- fall.
															in.
RAIN-DAYS AND WET-DAYS															
SCOTLAND (continued)															
Argyll.....14	Tiree Airport.....	19 19	17 10	13 7	15 12	15 12	15 8	9 3	11 8	24 22	25 18	16 8	26 21	205 148	38.22
Fife.....3	Leuchars Airfield.....	16 10	20 12	11 7	12 6	18 12	8 5	3 3	7 3	12 6	10 7	12 7	16 15	145 93	17.89
Perth.....11	Aberfeldy (Tigh'n Eilean)	20 13	18 13	12 6	10 8	16 12	14 6	3 3	10 6	17 11	16 11	14 8	22 15	172 112	24.58
Aberdeen.....1	Braemar Bank.....	19 11	19 18	18 11	12 8	20 17	10 6	3 2	9 7	18 10	19 14	15 9	20 16	182 129	24.79
".....2	Dyce (Craibstone).....	16 10	19 14	19 14	11 8	18 14	10 8	5 4	8 4	14 9	19 16	15 8	21 13	175 122	28.21
".....4	Peterhead (Forehill Works)...	17 10	20 16	19 14	10 5	17 17	12 6	3 2	4 3	14 11	22 15	16 10	23 17	177 126	23.39
Banff.....3	Ballindalloch.....	16 10	17 16	20 17	12 8	21 17	11 9	7 4	9 8	15 12	21 16	14 7	20 19	183 143	31.47
Nairn.....2	Nairn (Achareidh).....	13 9	19 11	17 8	12 8	22 13	13 7	6 3	9 2	17 9	22 11	14 3	22 18	186 102	19.45
Inverness.....2	Dalwhinnie.....	15 11	21 15	18 8	18 12	22 17	12 9	5 2	8 5	22 21	23 13	16 11	21 18	201 142	36.70
".....6	Loch Ness (Garthbeg)	19 13	19 16	22 11	15 8	22 16	15 12	7 3	9 4	26 17	28 21	21 11	25 21	228 153	31.72
".....17	Fort William (Teviot).....	18 17	15 11	11 5	20 14	20 15	14 14	9 5	12 9	27 22	25 21	19 14	25 21	215 168	57.73
Ross and Cromarty..7	Inverbroom (Glackour)	19 15	19 16	17 14	18 13	23 18	14 10	6 4	14 6	22 18	27 25	18 13	23 21	220 173	44.63
".....9	Loch Duich (Ratagan)	17 16	10 9	14 7	15 15	18 17	14 14	7 7	10 10	28 25	24 22	18 16	22 18	197 176	65.69
".....10	Stornoway Airport	22 21	19 14	18 9	19 12	20 15	13 6	7 6	12 5	24 21	26 19	19 12	28 26	227 166	34.50
Sutherland...1	Lairg (Crask)	22 14	22 19	23 15	18 14	23 18	16 11	13 9	13 5	24 23	27 25	18 11	26 25	245 189	43.85
".....4	Tongue.....	20 13	19 15	22 16	15 10	22 16	13 10	4 2	8 6	24 20	28 25	17 12	29 27	221 172	35.45
Caithness....2	Wick Airport.....	21 15	20 14	19 14	15 9	21 15	10 5	5 2	9 6	22 16	27 20	17 10	26 22	212 148	28.34
Scotland.....	Mean of 27 Stations	18 14	17 13	15 10	14 10	19 15	14 9	6 4	10 6	21 17	22 17	16 10	23 20	195 145	...
	Average (1881-1915).....	20 ...	18 ...	19 ...	16 ...	16 ...	15 ...	18 ...	19 ...	17 ...	19 ...	19 ...	21 ...	217 ...	...
NORTHERN IRELAND															
Fermanagh ..1	Newtownbutler (Crom Castle)	20 16	21 13	7 5	17 13	26 18	26 19	5 3	12 7	26 16	23 12	18 11	27 17	228 150	35.30
".....1	Belleek.....	16 14	14 12	9 7	19 16	23 22	23 21	3 2	9 6	23 21	23 17	19 14	24 21	205 173	40.26
Armagh.....5	Armagh Observatory	18 14	14 12	8 6	16 14	22 19	22 16	4 2	9 7	22 16	15 12	13 9	22 16	185 143	32.03
Down.....4	Donaghadee (Orlock Res.) ...	16 12	18 10	5 5	14 11	21 9	18 14	3 2	10 9	16 15	18 12	15 9	18 14	172 122	29.44
Antrim.....5	Ballymena (Harryville).....	18 14	21 14	9 5	16 13	21 16	20 16	3 2	8 5	20 16	20 13	15 13	20 15	191 142	34.46
Tyrone.....3	Omagh (Edenfel).....	17 16	21 14	13 9	17 13	21 17	22 19	5 2	8 7	23 19	23 16	13 10	21 19	204 161	36.03
Northern Ireland.....	Mean of 6 Stations	17 14	18 13	9 6	17 13	22 17	22 18	4 2	9 7	22 17	20 14	15 11	22 17	197 149	...

3 Absolute Droughts, Partial Droughts and Dry Spells in 1955

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

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.

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. The definitions of absolute drought and partial drought were introduced in *British Rainfall*, 1887, while that of dry spell was first used in *British Rainfall*, 1919.

Details are given in Table 3c of the absolute droughts, partial droughts and dry spells which occurred at the 82 selected stations of Table 2B. The monthly totals at these stations are included in Table 8c.

Spells which were included in *British Rainfall* 1954 and continued into 1955 are printed in italics, the dates of commencement being shown in the form "14.xii.54". The precise procedure adopted in the allocation of droughts which cover parts of two years is similar to that set out for rain spells in the footnote on p. 24, *British Rainfall*, 1938.

Of the selected stations, only 2 did not record a drought or a dry spell during the year—both being in Scotland—and their names are omitted from Table 3c.

In Tables 3A and 3B, the total numbers of droughts and dry spells recorded at the 82 stations in 1955 are compared with those in the 15 preceding years. The tables show that 1955 gave the greatest number of dry spells since 1940.

Absolute droughts were recorded at 40 stations in England, 6 in Wales, 16 in Scotland and 5 in Northern Ireland, making 67 in all out of the 82 selected stations. Of the 48 selected stations in England and Wales 25 reported an absolute drought within the last three weeks of April, 38 within the period July 3 to August 9, and seven between August 14 and September 3. An absolute drought was reported at nine selected stations in south and south-west England during the second half of November and early December. The drought in England and Wales during July and August also affected Scotland, Northern Ireland and the Isle of Man, where 19 of the 34 selected stations recorded an absolute drought between July 3 and August 8. The longest drought of the year lasted 36 days, from July 3 to August 7, at both Squires Gate (Blackpool Airport) and Llanerchymedd, Anglesey. As many as four absolute droughts occurred at Southampton, Teignmouth, Taunton and Ross-on-Wye.

Partial droughts occurred at 12 of the 48 selected stations in England and Wales within the period March 24 to April 30, at 36 stations

within the period June 20 to September 12, and at 21 stations within the last three weeks of November and the first week of December. In Scotland, Northern Ireland and the Isle of Man partial droughts were recorded by only three selected stations outside the period June 29 to September 9. However, within this period a total of 29 selected stations recorded partial droughts, including that at Peterhead, Aberdeenshire, which lasted 73 days. Four periods of partial drought, totalling 146 days, occurred at Worthing, Sussex.

The total of 224 dry spells reported during the year at the 82 selected stations was the highest since before 1940, while as many as eight stations recorded 5 or more dry spells. Seventy-five selected stations reported one or more dry spells during the period July 1 to

September 4. Stations escaping a dry spell over this period were mainly in northern Scotland, but three of the selected stations in this area had already recorded a dry spell between May 23 and June 12. In England and Wales dry spells occurred at 40 selected stations between April 8 and 30 and at 30 stations between November 7 and December 10; in both instances the stations at which dry spells failed to materialize were located in north Wales and north England. In Scotland, Northern Ireland and the Isle of Man, dry spells, other than those of July and August, occurred mainly within the periods March 2 to 19 and November 7 to December 1. The longest dry spell of the year lasted 44 days at both Leuchars, Fife, and Ballymena, Co. Antrim.

Table 3A. Droughts at 82 Stations, 1940-1955

Year	ABSOLUTE DROUGHTS*				PARTIAL DROUGHTS†			
	Number at 82 Stations	Mean Duration	Longest	Stations without one	Number at 82 Stations	Mean Duration	Longest	Stations without one
		Days	Days			Days	Days	
1940	40	20	31	53	51	45	71	43
1941	82	21	31	25	113	41	47	22
1942	96	20	30	26	100	33	48	12
1943	61	21	41	47	50	48	79	34
1944	25	17	21	62	42	41	66	52
1945	33	19	24	55	58	33	44	41
1946	57	17	25	36	50	34	59	42
1947	114	25	44	3	128	43	103	3
1948	29	17	23	57	44	38	54	44
1949	75	20	37	27	89	38	65	20
1950	41	16	21	49	15	36	42	68
1951	27	16	23	56	16	33	40	66
1952	32	17	23	61	11	37	47	72
1953	71	24	36	20	88	40	56	17
1954	44	20	27	43	27	30	32	55
1955	111	20	36	15	110	40	73	7

* 15 days without a rain-day.

† 29 days averaging not more than .01 inch.

Table 3B. Dry Spells† at 82 Stations, 1940-1955

Year			Number at 82 Stations	Mean Duration	Longest Spell	Number of Stations with			
						None	1 or 2	3 or 4	5 or more
				Days	Days				
1940	..	..	83	23	48	39	36	6	1
1941	..	..	196	21	37	1	45	33	3
1942	..	..	206	22	36	9	32	35	6
1943	..	..	129	22	47	28	27	27	0
1944	..	..	96	19	37	41	27	9	5
1945	..	..	125	20	35	14	52	16	0
1946	..	..	132	18	29	10	60	12	0
1947	..	..	179	25	53	1	51	30	0
1948	..	..	107	19	32	18	55	9	0
1949	..	..	162	22	55	12	42	26	2
1950	..	..	106	17	27	24	47	9	2
1951	..	..	94	18	32	12	66	4	0
1952	..	..	119	18	23	24	44	13	1
1953	..	..	163	23	43	7	45	28	2
1954	..	..	97	21	29	15	61	6	0
1955	..	..	224	22	44	2	31	41	8

† 15 days without a wet-day.

Table 3c. Droughts and Dry Spells in 1955

County and River Division	Station	Absolute Droughts			Partial Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES London .....2	St. Pancras (Camden Square)	Apr. 10	Apr. 24	15	..	..	..	14.xii.54	Jan. 2	20
		..	..	..	Jun. 29	Aug. 12	45	Apr. 8	Apr. 27	20
		..	..	..	..	..	..	Jul. 4	Aug. 1	29
		..	..	..	Nov. 4	Dec. 10	37	Aug. 14	Aug. 4	22
Kent .....1	Dover (Waterloo Crescent) ...	Apr. 8	Apr. 28	21	..	..	..	Nov. 7	Nov. 23	17
		..	..	..	Mar. 24	Apr. 30	38	Nov. 25	Dec. 10	16
		..	..	..	..	..	..	Apr. 8	Apr. 30	23
		Apr. 8	Apr. 30	23	Mar. 26	Apr. 30	36	Jul. 18	Aug. 1	15
„4	Edenbridge (Falconhurst) .....	..	..	..	..	..	..	17.xii.54	Jan. 1	16
		Apr. 8	Apr. 30	23	Mar. 26	Apr. 30	36	Apr. 8	Apr. 30	23
		Jul. 18	Aug. 1	15	..	..	..	Jul. 18	Aug. 1	15
		..	..	..	..	..	..	Aug. 14	Aug. 4	22
Sussex.....3	Worthing (Beach House Park) .	..	..	..	..	..	..	17.xii.54	Jan. 2	17
		..	..	..	Feb. 21	Mar. 21	29	Mar. 6	Mar. 21	16
		Apr. 11	Apr. 30	20	Mar. 26	Apr. 30	36	Apr. 8	Apr. 30	23
		..	..	..	Jun. 20	Aug. 9	51	Jul. 4	Aug. 1	29
Hampshire .....1	St. Catherine's Pt. Lighthouse ..	Nov. 12	Nov. 29	18	Nov. 9	Dec. 8	30	Aug. 14	Sep. 4	22
		..	..	..	..	..	..	Nov. 12	Dec. 8	27
		..	..	..	..	..	..	15.xii.54	Jan. 2	19
		..	..	..	..	..	..	Feb. 26	Mar. 21	24
„4	Southampton (East Park) .....	..	..	..	..	..	..	Apr. 11	Apr. 26	16
		..	..	..	Jul. 1	Aug. 9	40	Jul. 2	Jul. 16	15
		Aug. 14	Sep. 4	22	Aug. 12	Sep. 12	32	Aug. 14	Sep. 4	22
		Nov. 12	Dec. 1	20	Nov. 10	Dec. 10	31	Nov. 10	Dec. 1	22
„4	Southampton (East Park) .....	..	..	..	..	..	..	14.xii.54	Jan. 2	20
		..	..	..	..	..	..	Feb. 25	Mar. 20	24
		Apr. 10	Apr. 24	15	Mar. 26	Apr. 27	33	Apr. 10	Apr. 27	18
		Jul. 19	Aug. 8	21	..	..	..	Jul. 19	Aug. 9	22
„4	Southampton (East Park)	Aug. 15	Sep. 3	20	..	..	..	Aug. 15	Sep. 3	20
		Nov. 12	Nov. 29	18	Nov. 10	Dec. 8	29	Nov. 12	Nov. 29	18
	
	

Table 3c. Droughts and Dry Spells in 1955 (continued)

County and River Division	Station	Absolute Droughts			Partial Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES (continued)	Hampshire .....8	Apr. 10	Apr. 26	17	Mar. 26	Apr. 30	36	14.xii.54	Jan. 3	21
		Aug. 18	Sep. 1	15	..	..	..	Mar. 26	Apr. 27	33
Hertford	Hertford (Rothamsted)	Apr. 10	Apr. 24	15	Nov. 8	Dec. 9	32	Jul. 18	Aug. 1	15
		Jul. 15	Aug. 9	26	..	..	..	Aug. 18	Sep. 3	17
Oxford	Oxford (Radcliffe Met. Stn.) ..	Apr. 10	Apr. 24	15	Nov. 10	Dec. 10	31	Nov. 10	Dec. 8	29
		Jul. 4	Aug. 1	29	Nov. 10	Dec. 10	31	Apr. 8	Apr. 30	23
Northampton ..	Wellington (Swanspool) ..	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Jul. 4	Aug. 10	38
		Jul. 4	Aug. 1	29	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
Huntingdon ...1	Whittlesea Mere	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
		Jul. 15	Aug. 1	18	Nov. 10	Dec. 9	30	Apr. 10	Apr. 27	18
Cambridge ....2	Cambridge (Botanic Gardens) ..	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Jul. 4	Aug. 10	38
		Jul. 15	Aug. 1	18	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
Essex	Southend (Waterworks)	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
		Jul. 18	Aug. 1	15	Nov. 10	Dec. 9	30	Apr. 10	Apr. 27	18
"	Halstead (The Brewery)	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
		Jul. 15	Aug. 1	18	Nov. 10	Dec. 9	30	Apr. 10	Apr. 27	18
Suffolk	Lowestoft (Secondary School) ..	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
		Jul. 15	Aug. 1	18	Nov. 10	Dec. 9	30	Apr. 10	Apr. 27	18
Norfolk	Sandringham House Gardens ..	Apr. 10	Apr. 24	15	Nov. 10	Dec. 9	30	Nov. 10	Dec. 1	22
		Jul. 15	Aug. 1	18	Nov. 10	Dec. 9	30	Apr. 10	Apr. 27	18

Table 3c. Droughts and Dry Spells in 1955 (continued)

County and River Division	Station	Absolute Droughts			Partial Droughts			Dry Spells		
		Began	Ended	Lasted	Began	Ended	Lasted	Began	Ended	Lasted
				days			days			in.
ENGLAND AND WALES (continued)	Devon, S.....5	Teignmouth (Den Gardens) ...	.. 8 Apr. 19	.. 24 Apr. 4	.. 17 Apr. 17	.. 27 Mar. 27	.. 32 Apr. 27	16.xii.54 Apr. 8	Jan. 2	18
			Jul. 19	Aug. 4	17	Jul. 19	32	Apr. 8	Apr. 27	20
			Aug. 14	Sep. 3	21	..	47	Jul. 19	Aug. 8	21
			Nov. 12	Dec. 8	27	..	30	Aug. 14	Sep. 3	21
			..	..	..	Nov. 11	32	Nov. 11	Dec. 8	28
Devon, N. ....1	Ilfracombe (Bowling Green) ...	.. 19 Jul. 19	.. 7 Aug. 1	.. 20 Dec. 1	.. 46 Sep. 2	.. 19 Jul. 19	.. 46 Sep. 2	Apr. 10	Mar. 21	15
		Nov. 12	Dec. 1	20	..	..	..	Jul. 19	Aug. 7	20
		Feb. 26	Mar. 17	20	..	..	..	Nov. 11	Dec. 1	21
		Apr. 10	Apr. 24	15	..	..	..	Feb. 26	Mar. 20	23
		Jul. 19	Aug. 3	16	..	..	..	Apr. 10	Apr. 24	15
Cornwall .....1	Bude (School House) .....	..	..	..	..	..	..	Jul. 19	Aug. 4	17
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
		..	..	..	..	..	..	Feb. 26	Mar. 20	23
		..	..	..	..	..	..	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 19	Aug. 4	17
Cornwall .....2	St. Austell (Poltair Public Gdns.)	.. 10 Apr. 10	.. 24 Apr. 24	.. 15 Apr. 15	.. 7 Sep. 7	.. 19 Jul. 19	.. 40 Sep. 3	Nov. 11	Dec. 1	21
		..	..	..	..	..	..	Feb. 26	Mar. 17	20
		..	..	..	..	..	..	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 19	Aug. 4	17
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
"4	Scilly (Tresco Abbey) .....	.. 19 Jul. 19	.. 8 Aug. 27	.. 21 Nov. 27	.. 7 Sep. 7	.. 1 Jul. 1	.. 68 Sep. 7	Nov. 11	Dec. 1	21
		..	..	..	..	..	..	Feb. 26	Mar. 17	20
		..	..	..	..	..	..	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 19	Aug. 4	17
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
Somerset .....1	Bath (Henrietta Park) .....	.. 14 Jul. 14	.. 31 Jul. 31	.. 18 Jul. 18	.. 9 Dec. 9	.. 11 Nov. 11	.. 15 Dec. 9	Aug. 18	Sep. 3	17
		..	..	..	..	..	..	Sep. 17	Oct. 8	28
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
"3	Taunton (Vivary Park) .....	.. 8 Apr. 8	.. 27 Apr. 27	.. 20 Apr. 20	.. 10 Dec. 10	.. 11 Nov. 11	.. 27 Dec. 10	14.xii.54 Apr. 8	Jan. 2	20
		..	..	..	..	..	..	Apr. 8	Apr. 27	20
		..	..	..	..	..	..	Jul. 19	Aug. 8	21
		..	..	..	..	..	..	Aug. 18	Sep. 3	17
		..	..	..	..	..	..	Nov. 11	Dec. 1	21

Table 3c. Droughts and Dry Spells in 1955 (continued)

County and River Division	Station	Absolute Droughts			Partial Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES (continued)	Lancashire, C...1	Apr. 10	Apr. 24	15	..	..	..	Mar. 2	Mar. 17	16
		Jul. 3	Aug. 7	36	..	..	..	Apr. 10	Apr. 24	15
Yorks, W.R. ....8	Wakefield (Clarence Park)	Apr. 8	Apr. 22	15	Jul. 3	Aug. 8	37	Jul. 3	Aug. 7	36
		Jul. 4	Jul. 30	27	Mar. 27	Apr. 28	33	Apr. 8	Apr. 24	17
Yorks, E.R. ...3	Hull (Pearson Park) . . . . .	..	..	..	Jul. 3	Sep. 3	63	Jul. 4	Aug. 1	29
		..	..	..	..	..	..	Aug. 18	Sep. 1	15
Yorks, N.R. ...2	Felixkirk (Mount St. John) . . . . .	..	..	..	Mar. 27	Apr. 24	29	Apr. 8	Apr. 24	17
		..	..	..	Jul. 2	Aug. 1	31	Jul. 4	Aug. 1	29
"	Scarborough . . . . .	..	..	..	Nov. 7	Dec. 7	31	Nov. 11	Dec. 7	27
		..	..	..	..	..	..	Apr. 8	Apr. 22	15
Durham2	Durham (Houghall Hort. Stn.) .	Jul. 13	Jul. 30	18	Jul. 3	Aug. 1	30	Jul. 13	Jul. 30	18
		Jul. 13	Jul. 31	19	Jul. 4	Aug. 11	39	Jul. 4	Aug. 1	29
Northumb. ....6	Ilderton (Lilburn Tower Gdns.) .	Jul. 15	Jul. 31	17	Jul. 4	Aug. 20	48	Jul. 4	Jul. 31	28
		..	..	..	..	..	..	Aug. 3	Aug. 18	16
Cumberland ...1	Geltsdale . . . . .	..	..	..	Sep. 16	Oct. 14	29	..	..	..
		May 23	Jun. 9	18	Mar. 25	Apr. 24	31	Apr. 8	Apr. 22	15
"2	Keswick (High Hill) . . . . .	..	..	..	..	..	..	May 22	Jun. 9	19
		Jul. 4	Aug. 1	29	Jul. 4	Aug. 20	48	Sep. 16	Sep. 30	15
Westmorland...2	Ambleside	Jul. 4	Aug. 1	29	Feb. 15	Mar. 19	33	Jul. 4	Aug. 1	29
		..	..	..	Jul. 4	Aug. 8	36	..	..	..
Glamorgan ....7	Cardiff (Penylan) . . . . .	..	..	..	..	..	..	Jul. 4	Aug. 1	29
		Apr. 10	Apr. 24	15	Jul. 4	Aug. 8	36	Apr. 10	Apr. 24	15
Carmarthen ....2	Llanddeusant (Pontcrynfe)	Jul. 14	Aug. 7	25	Feb. 15	Mar. 21	35	Jul. 4	Aug. 7	35
		Nov. 12	Dec. 1	20	Jul. 14	Aug. 12	30	Apr. 9	Apr. 24	16
		..	..	..	..	..	..	Nov. 11	Dec. 1	25
		..	..	..	Feb. 18	Mar. 21	32	Feb. 25	Mar. 21	25
		..	..	..	..	..	..	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 19	Sep. 7	20
		..	..	..	..	..	..	Nov. 11	Dec. 1	21

Table 3c. Droughts and Dry Spells in 1955 (continued)

County and River Division	Station	Absolute Droughts			Partial Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES (continued)	Pembroke .....4	Mar. 6	Mar. 20	15	..	..	..	Mar. 6	Mar. 21	16
		Jul. 19	Aug. 7	20	Jul. 4	Sep. 3	62	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 19	Aug. 7	20
		..	..	..	..	..	..	Aug. 20	Sep. 3	15
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
Radnor.....1	Birmingham W.W. (Tyrmynydd)	Jul. 19	Aug. 4	17	..	..	..	Feb. 25	Mar. 17	21
		..	..	..	..	..	..	Jul. 19	Aug. 7	20
		..	..	..	..	..	..	Nov. 11	Dec. 1	21
Montgomery ..5	L. Vyrnwy (Experimental Stn.).	Jul. 14	Aug. 1	19	Jul. 4	Aug. 7	35	Apr. 10	Apr. 24	15
		..	..	..	..	..	..	Jul. 13	Aug. 7	26
		..	..	..	..	..	..	Nov. 12	Dec. 1	20
Merioneth .....5 Anglesey	Aberdovey (Plas Penhelig)..... Llanerchymedd (Llwydiarth Esg.)	Jul. 4	Aug. 1	29	Jul. 3	Aug. 7	36	Jul. 4	Aug. 1	29
		..	..	..	..	..	..	Mar. 2	Mar. 19	18
		Jul. 3	Aug. 7	36	Jul. 3	Aug. 18	47	Apr. 10	Apr. 24	15
ISLE OF MAN	Douglas (Borough Cemetery) .	Mar. 2	Mar. 17	16	..	..	..	Mar. 2	Mar. 17	16
		Jul. 19	Aug. 7	20	Jul. 3	Aug. 15	44	Jul. 4	Aug. 7	35
		..	..	..	..	..	..	Nov. 12	Nov. 29	18
SCOTLAND	Castle Kennedy (Lochinch) Lochrutton (Dumfries W.W.) ..	Jul. 5	Aug. 1	28	Jul. 4	Aug. 15	43	Mar. 2	Mar. 17	16
		..	..	..	..	..	..	Jul. 5	Aug. 7	34
		..	..	..	..	..	..	Mar. 2	Mar. 17	16
Peebles .....2 Berwick .....4	Stobo Castle Marchmont House	Jul. 13	Aug. 1	20	..	..	..	Apr. 10	Apr. 24	15
		Jul. 18	Aug. 7	21	..	..	..	Jul. 13	Aug. 1	20
		Apr. 10	Apr. 24	15	..	..	..	Jul. 13	Aug. 7	26
Lanark .....5	Strathaven (Kype Reservoir) ..	Jul. 13	Aug. 7	26	Jul. 19	Aug. 19	32	Apr. 10	Apr. 25	16
		..	..	..	Jul. 4	Aug. 7	35	..	..	..
								Jul. 13	Aug. 7	26

4 Rain Spells and Wet Spells in 1955

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 .01 inch of rain or more.

A **wet spell** is a period of at least 15 consecutive days to each of which is credited .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 4c contains particulars of all rain spells and wet spells during 1955 which were reported from the 82 selected stations of Table 2b. Stations from which no rain spells or wet spells were reported are omitted from this table. The number of stations omitted is 45, of which 33 are in England, 3 in Scotland and 2 in Northern Ireland.

In 1955 the total number of rain spells at the selected stations was 51 and of these only 6 ranked as or included wet spells.

The number of rain spells recorded in 1955 was less than in any year since 1941.

The longest rain spell, 27 days with 6.85 inches, was reported from St. Austell in Cornwall. Not since the analysis began in 1903 has the longest rain spell failed to reach 31 days, the previous minimum in the series recorded in 1933.

Only 9 of the 51 rain spells occurred at stations in England, where 5 were reported by stations in the south and south-west during the period December 5 to 31. Of the 30 rain spells reported from Scotland, 23 were from stations in the northern half of the country, mainly within the periods February 4 to 21, April 29 to May 23 and November 19 to December 19. Loch Ness (Garthbeg) reported 4 rain spells during the year.

Of the 6 wet spells during 1955, 3 occurred between November 23 and December 27; one each in Cornwall, Argyllshire and Ross and Cromarty. The longest wet spell was at St. Austell in Cornwall, lasting 21 days from December 7 to December 27, with 5.13 inches. The shorter spell of 15 days commencing on November 25 at Inveraray gave 6.59 inches, the largest amount recorded in Table 4c, the mean amount per day exceeding .4 inch.

Table 4A. Rain Spells* at 82 Stations, 1940-1955

Year	No. of rain spells	DURATION OF SPELLS				STATIONS WITH			
		Mean		Longest		None	1 or 2	3 or 4	5 or more
		Days	Mean rain per day	Days	Mean rain per day				
1940 ..	67	19	in. .27	47	in. .44	45	29	8	0
1941 ..	43	19	.25	34	.26	54	26	2	0
1942 ..	94	20	.27	47	.15	32	36	12	2
1943 ..	98	22	.27	42	.28	42	26	9	5
1944 ..	95	21	.26	67	.19	35	35	10	2
1945 ..	86	19	.26	40	.24	35	37	9	1
1946 ..	134	21	.28	42	.18	22	42	15	3
1947 ..	82	20	.26	34	.20	26	48	8	0
1948 ..	107	21	.30	54	.37	37	29	10	6
1949 ..	109	22	.30	41	.44	48	14	14	6
1950 ..	139	21	.30	50	.35	35	23	12	12
1951 ..	112	19	.28	49	.47	23	44	13	2
1952 ..	115	20	.24	40	.34	36	27	14	5
1953 ..	65	20	.29	31	.18	50	24	6	2
1954 ..	151	21	.30	116	.35	33	23	13	13
1955 ..	51	18	.20	27	.25	45	34	3	0

* At least .01 inch each day for 15 days or more.

Table 4B. Wet Spells† at 82 Stations, 1940-1955

Year	No. of wet spells	DURATION OF SPELLS				STATIONS WITH			
		Mean		Longest		None	1 or 2	3 or 4	5 or more
		Days	Mean rain per day	Days	Mean rain per day				
1940 ..	4	20	in. .34	24	in. .44	79	3	0	0
1941 ..	4	16	.36	18	.34	78	4	0	0
1942 ..	22	17	.36	24	.54	63	19	0	0
1943 ..	15	21	.37	26	.63	71	10	1	0
1944 ..	21	18	.63	25	.49	66	16	0	0
1945 ..	22	16	.35	20	.41	65	17	0	0
1946 ..	42	19	.38	37	.40	57	22	3	0
1947 ..	21	17	.35	25	.25	64	18	0	0
1948 ..	28	19	.38	31	.28	63	17	2	0
1949 ..	32	20	.40	34	.54	68	10	2	2
1950 ..	38	19	.41	38	.64	61	15	6	0
1951 ..	23	18	.42	32	.39	66	15	1	0
1952 ..	24	18	.38	26	.31	66	14	1	1
1953 ..	16	19	.44	29	.56	67	15	0	0
1954 ..	42	18	.41	37	.38	59	20	2	1
1955 ..	6	17	.34	21	.24	76	6	0	0

† At least .04 inch each day for 15 days or more.

Table 4c. Rain Spells and Wet Spells in 1955

County and River Division	Station	Rain Spells*				Wet Spells†				Max. in a Day during Rain Spells	
		Began	Ended	Lasted	Total Rain	Began	Ended	Lasted	Total Rain	Date	Rain
ENGLAND AND WALES	Southampton (East Park)	Dec. 13	Dec. 27	days 15	in. 2.53	..	..	days	..	Dec. 13	in. .87
	Teignmouth (Den Gardens)	Dec. 9	Dec. 30	22	5.27	..	..	..	..	Dec. 29	1.35
	St. Austell (Polfair Gardens)	Dec. 5	Dec. 31	27	6.85	Dec. 7	Dec. 27	21	5.13	Dec. 29	1.29
	Scilly (Tresco Abbey)	Dec. 8	Dec. 31	24	4.36	..	..	..	..	Dec. 29	.84
	Taunton (Vivary Park)	Dec. 9	Dec. 30	22	5.16	..	..	..	..	Dec. 29	1.49
	Scarborough	Feb. 3	Feb. 22	20	1.87	..	..	..	..	Feb. 3	.27
	Durham (Houghall Hort. Stn.)	Feb. 3	Feb. 18	16	2.01	..	..	..	..	Feb. 18	.37
	Geltsdale	May 1	May 23	23	2.34	..	..	..	..	May 12	.37
	Ambleside	May 3	May 18	16	3.89	..	..	..	..	May 12	.80
	Llanddeusant (Pontcrynfe)	Jan. 24	Feb. 7	15	3.17	..	..	..	..	Feb. 4	.71
	Tenby (The Priory)	Dec. 2	Dec. 17	16	4.77	..	..	..	..	Dec. 13	1.27
	Birmingham W.W. (Tyrmynydd)	Apr. 25	May 9	15	2.58	..	..	..	..	May 8	.62
	Lake Vyrnwy (Experimental Stn.)	Apr. 25	May 10	16	4.08	..	..	..	..	May 1	.76
	Aberdovey (Plas Penhelig)	Jan. 20	Feb. 4	16	8.68	Apr. 25	May 9	15	6.47	May 3	1.02
	Llanerchymedd (Llwydiarth Esg.)	Jan. 27	Feb. 11	16	1.15	..	..	..	..	Feb. 3	.23
	Douglas (Borough Cemetery)	Jan. 24	Feb. 8	16	2.13	..	..	..	..	Jan. 27	.31
SCOTLAND	Stobo Castle	May 3	May 23	21	4.02	..	..	..	..	Feb. 6	1.02
	Greenock (Prospect Hill)	Nov. 25	Dec. 10	16	2.60	..	..	..	..	May 4	.64
	Inveraray Castle Gardens	Nov. 25	Dec. 10	16	3.70	..	..	..	..	Dec. 9	1.35
	Islay (Eallabus)	Sep. 24	Oct. 8	15	6.60	Nov. 25	Dec. 9	15	6.59	Dec. 6	1.38
	Mull (Gruline)	Oct. 13	Oct. 31	19	3.15	..	..	..	..	Sep. 24	.66
	Dyce (Craibstone)	Sep. 16	Oct. 8	23	4.68	..	..	..	..	Oct. 18	1.72
	Peterhead (Forehill Works)	Nov. 23	Dec. 9	17	7.54	Sep. 19	Oct. 5	17	6.25	Oct. 2	.84
	Nairn (Achareidh)	Feb. 6	Feb. 20	15	4.79	..	..	..	..	Dec. 9	1.23
	..	Feb. 4	Feb. 20	17	2.72	..	..	..	..	Feb. 20	.94
	..	Apr. 29	May 18	15	2.49	..	..	..	..	Feb. 16	.41
	..	..	May 22	24	1.68	..	..	..	..	Feb. 17	.55
	..	..	..	..	2.34	..	..	..	..	May 9	.47

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

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

Table 4C. Rain Spells and Wet Spells in 1955 (concluded)

County and River Division	Station	Rain Spells*				Wet Spellst			Max. in a Day during Rain Spells		
		Began	Ended	Lasted	Total Rain	Began	Ended	Lasted	Total Rain	Date	Rain
SCOTLAND (continued)											
Inverness 2	Dalwhinnie.....	May 3	May 22	days 20	in. 3.54	..	..	days	in.	May 15	in. .70
" 6	Loch Ness (Garthbeg)	Feb. 4	Feb. 18	15	3.09	..	..	..	..	Feb. 8	.52
		Apr. 29	May 22	24	3.60	..	..	..	..	May 9	.72
		Sep. 24	Oct. 9	16	3.02	..	..	..	..	Oct. 5	1.20
		Nov. 23	Dec. 7	15	2.23	..	..	..	..	Dec. 6	.58
" . . . 17	Fort William (Teviot).....	Nov. 24	Dec. 10	17	4.99	..	..	..	..	Dec. 6	.81
Ross and Cromarty . . 7	Inverbroom (Glackour)	Feb. 4	Feb. 20	17	3.44	..	..	..	..	Feb. 17	.50
		May 1	May 23	23	4.75	..	..	..	..	May 1	1.10
		Sep. 24	Oct. 8	15	2.94	..	..	..	..	Sep. 25	.66
" . . . 9	Loch Duich (Ratagan)	Sep. 8	Oct. 2	25	9.64	..	..	..	..	Sep. 15	.90
		Nov. 20	Dec. 7	18	5.59	Nov. 23	Dec. 7	15	5.24	Sep. 29	.90
" . . 10	Stornoway Airport	Feb. 4	Feb. 18	15	1.33	..	..	..	..	Dec. 5	1.38
		Nov. 19	Dec. 7	19	3.04	..	..	..	..	Feb. 7	.37
Sutherland . . . 1	Lairg (Crask)	Feb. 4	Feb. 21	18	4.16	Feb. 4	Feb. 18	15	4.02	Nov. 28	.49
		Apr. 30	May 23	24	4.55	..	..	..	..	Feb. 7	.79
Sutherland . 4	Tongue	Feb. 6	Feb. 20	15	2.27	..	..	..	..	May 9	.78
		Apr. 30	May 20	21	3.66	..	..	..	..	Feb. 7	.56
		Dec. 1	Dec. 19	19	3.33	..	..	..	..	May 9	.71
Caitness 2	Wick Airport.....	Sep. 24	Oct. 8	15	1.89	..	..	..	..	Dec. 6	.38
						..	..	..	..	Oct. 5	.46
NORTHERN IRELAND											
Fermanagh . . 1	Newtownbutler (Crom Castle) . . .	Apr. 29	May 23	25	3.90	..	..	..	..	May 20	.53
" . . 1	Belleek	Apr. 25	May 10	16	2.57	..	..	..	..	May 4	.40
Armagh 5	Armagh (Observatory)	Apr. 25	May 9	15	2.86	..	..	..	..	Apr. 26	.35
		..	..	..	..	..	..	..	..	Apr. 30	.35
Down 4	Donaghadee (Orlock Reservoir) ..	Apr. 29	May 13	15	1.88	..	..	..	..	May 1	.44

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

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

5 Duration of Rainfall in 1955

The duration of rainfall is obtained by measurement of the records of autographic gauges. On these records the amount of rain is measured vertically and the duration of the rainfall is measured horizontally, using scales which are printed upon the charts. The pen of an autographic gauge writes a horizontal line on the chart during the time that no rain is falling, and a sloping line whenever rain is passing into the receiver of the gauge. The inclination of the slope to the horizontal varies with the intensity of the rain.

Duration of rainfall as discussed in this section is defined as the length of time during which rain is falling at a rate of not less than 0.1 mm. per hour, i.e. .004 inch per hour. Tabulations at all the official stations are made according to this convention, which was first brought into use in *British Rainfall* 1920. The convention was adopted because, for very light rainfall, it was found to be almost impossible to define the exact point on the chart where the change from "no rain" to "rain" occurred. By taking a definite limiting slope of the trace as the criterion the difficulty is avoided to a great extent and it is found possible to obtain measurements from different gauges and from different observers which are comparable amongst themselves. The limit 0.1 mm. (.004 inch) per hour is low enough to ensure that no fall of practical importance is excluded.

Table 5A gives the monthly and annual totals of duration of rainfall at 145 stations. Other records of duration are received but the published list gives as good a representation as possible over the country.

For the purpose of Table 5A, the month commences at 9 a.m. G.M.T. on the first day of the month and ends at the same hour on the first day of the following month.

Values of the average monthly and annual duration 1931-1940 at 50 stations and the corresponding mean rates of rainfall at 14 well distributed stations were given in *British Rainfall* 1948, pp. 30-31.

The duration of rainfall in 1955 was less than average in most parts of the country, the deficiency at Camden Square (London) being 43 hours.

The duration for the year exceeded 1,000 hours at Cray Reservoir, Snowdon, Loch Sloy and Fort William, and it can be inferred that the duration exceeded 1,000 hours in South Wales and Snowdonia and over most of the north-western half of Scotland. The smallest total was 319 hours at Chelmsford, while a number of stations in the Kew to Reading area and those at Ipswich and Rotherham recorded less than 350 hours.

The month with the greatest totals of duration was December over the greater part of the country; January in parts of Devonshire and around the Severn estuary; May in the Midlands and the London area; June in Northern Ireland, south-west Scotland and from Middlesbrough to Rotherham, and February or October in East Anglia.

The largest individual monthly total in the Table was recorded in December at Loch Sloy in Dunbartonshire: 204 hours. The largest monthly total in England was 145 hours in December at Keswick, and in Wales, 181

hours in January at Cray Reservoir. Castle Archdale in County Fermanagh recorded 114 hours.

The month with the shortest total duration of rainfall was, in most areas, July, but it was August in the east of Scotland, to the east of the Pennines and in south-west England; April at Edinburgh, Dunfermline and Balmoral, and March at Fort William.

The smallest monthly durations in the Table were those of one hour in July, at stations near London and at Benson (Oxfordshire).

Table 5B sets out the mean monthly and annual values of rate of rainfall at 15 stations

chosen to show broadly the variation in rates throughout the country. The values are obtained by dividing the total fall for the month or the year by the duration given in Table 5A. The mean rates for the year at the 15 stations vary from .056 inch per hour at Pembroke Dock and Loughborough to .044 inch per hour at Mildenhall. For individual months there are even wider variations from station to station, illustrated in Table 5B by the range from .134 inch per hour at Loughborough in July (1.55 inches with a duration of 11.6 hours) to .015 inch per hour at Mildenhall in April (.52 inch in 34.6 hours).

Table 5A. Duration of Rainfall at 145 Stations during 1955 (Monthly and Annual values)

County and River Division	Station	Type of Recorder	H't. above Sea	DURATION OF RAINFALL												Year
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
London1	Greenwich (Maritime Museum)	Tilt. Siphon	ft. 24	hr. 59	hr. 56	hr. 19	hr. 13	hr. 68	hr. 38	hr. 1	hr. 12	hr. 29	hr. 55	hr. 15	hr. 52	hr. 417
"2	Kensington Palace	Nat. Siphon	80	64	40	19	15	62	30	3	10	23	49	14	50	379
"2	Hampstead Observatory	Tilt. Siphon	452	59	51	30	15	75	45	5	16	25	52	21	53	447
"2	St. Pancras (Camden Square)	Tilt. Siphon	110	59	49	27	20	71	39	8	11	26	50	21	54	435
Surrey4	Croydon Airport	Tilt. Siphon	202	63	46	26	13	70	37	2	15	27	61	29	62	451
"5	Leatherhead (Elmer Works)	Tilt. Siphon	170	55	36	32	14	65	41	7	13	25	57	32	66	443
"5	Kew Observatory	Tilt. Siphon	18	50	34	19	13	59	34	3	10	22	42	15	47	348
Kent1	Folkestone (The Leas)	Tilt. Siphon	128	77	48	26	10	49	34	9	14	16	61	27	52	423
"4	West Malling Airfield	Tilt. Siphon	304	86	52	18	8	70	37	8	9	26	67	22	57	460
"4	Strood (Waterworks)	Nat. Siphon	112	69	62	24	7	72	41	6	10	21	68	32	60	472
"5	Bexleyheath (Danson Park)	Hyetograph	166	64	34	29	8	68	50	1	9	19	50	7	50	389
Sussex1	Thorney Island Airfield	Tilt. Siphon	12	81	37	21	15	52	55	6	13	24	53	29	90	476
"1	Tangmere Airfield	Tilt. Siphon	54	97	35	20	22	73	59	4	18	30	59	39	99	555
"3	Worthing (Beach House Park)	Tilt. Siphon	25	79	37	19	9	49	42	2	13	24	52	22	75	423
"5	Hankham*	Nat. Siphon	68	79	36	19	7	52	32	13	18	24	65	21	80	446
"5	Herstmonceux	Tilt. Siphon	122	88	42	27	7	57	36	12	17	22	67	22	79	476
Hampshire8	South Farnborough (R.A.E.)	Tilt. Siphon	228	60	63	20	13	60	44	5	14	30	60	38	53	460
Berkshire3	Maidenhead (Sewage Works)	Hyetograph	83	55	37	16	14	59	37	3	11	22	40	27	58	379
"4	Reading (Caversham Lock)	Tilt. Siphon	124	57	38	16	8	44	40	2	4	18	34	23	52	336
"5	Abingdon Airfield	Tilt. Siphon	210	71	40	28	23	71	61	2	7	14	48	27	67	459
Middlesex1	Isleworth (Mogden Works)	Tilt. Siphon	33	55	28	18	13	56	33	4	10	21	42	15	46	341
"1	London Airport	Tilt. Siphon	84	49	41	20	13	60	41	4	9	20	48	34	46	385
"1	Harmondsworth (Road Res. Lab.)	Tilt. Siphon	82	46	34	22	16	58	42	4	10	30	42	20	47	371
"1	Northolt Airport	Tilt. Siphon	110	58	35	24	10	64	39	4	8	27	45	24	55	393
"1	Wembley (Town Hall)	Hyetograph	187	85	42	23	15	70	28	3	10	21	45	18	47	407
"2	Southgate (Oakwood Park)	Hyetograph	220	58	35	21	12	69	32	4	11	19	47	19	43	370
Hertford2	Garston (Building Res. Stn.)	Tilt. Siphon	250	68	59	25	21	72	37	4	10	22	52	28	57	455
"2	Bovingdon Airport	Tilt. Siphon	516	77	65	24	21	68	42	3	10	24	49	25	96	504
"2	North Mimms (Pumping Stn.)	Tilt. Siphon	256	55	49	19	16	71	37	4	12	21	52	23	41	400
"2	Harpenden (Rothamsted)	Nat. Siphon	420	76	83	28	19	69	37	3	14	24	56	32	68	509
"4	Letchworth (Museum)	Tilt. Siphon	291	63	59	24	23	79	34	8	14	19	51	22	56	452
Buckingham3	Eton (Tangier Island)	Nat. Siphon	69	72	30	27	15	64	50	4	13	24	49	27	45	420
"3	Slough (Baylis House)	Tilt. Siphon	90	37	26	21	13	58	46	5	9	26	41	15	52	349
Oxford4	Benson Airfield	Tilt. Siphon	220	58	41	24	21	64	49	1	8	23	43	27	64	423

* Moved from Polegate in June.

Table 5A. Duration of Rainfall at 145 Stations during 1955 (Monthly and Annual values) (continued)

County and River Division	Station	Type of Recorder	H't. above Sea	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
			ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Bedford 3	Silsoe (Wrest Park)	Tilt. Siphon	195	57	70	23	17	71	38	8	14	27	35	24	49	433
" 3	Cardington	Tilt. Siphon	93	59	50	20	17	65	35	3	9	18	26	25	38	365
Essex 2	Ilford (Valentines Park)	" Float "	45	64	47	26	12	69	42	3	10	22	56	22	42	415
" 4	Chelmsford (Sandford Mill)	Hyetograph	69	61	32	18	5	53	34	2	5	14	48	15	32	319
Suffolk 2	Ipswich (Belstead Hall)	Nat. Siphon	125	47	38	30	9	44	43	3	20	14	54	13	31	346
" 3	Felixstowe	Tilt. Siphon	10	73	62	46	15	56	28	4	19	14	74	18	46	455
" 5	Mildenhall Airfield	Tilt. Siphon	16	56	68	31	35	33	34	4	11	19	51	21	37	398
Norfolk 1	West Raynham Airfield	Tilt. Siphon	240	51	66	43	35	47	29	3	16	16	49	25	38	418
" 2	Horsham St. Faith Airfield	Tilt. Siphon	99	50	45	28	24	42	30	3	12	21	66	21	44	386
" 4	Marham Airfield	Tilt. Siphon	78	48	67	36	28	42	32	3	15	21	57	25	47	421
Wiltshire 1	Lynneham Airfield	Tilt. Siphon	457	83	37	36	32	79	59	4	6	20	37	40	66	499
" 3	Salisbury (Sewage Works)	Nat. Siphon	147	65	27	22	14	70	43	5	6	16	47	56	85	456
" 3	Porton (C.D.E.E.)	Tilt. Siphon	364	67	34	24	19	61	45	5	6	15	35	41	64	416
" 3	Boscombe Down Airfield	Tilt. Siphon	418	58	31	27	21	68	49	6	7	19	41	45	69	441
Dorset 3	Poole	Hyetograph	18	88	50	27	31	79	53	11	7	28	44	52	101	571
Devon, S. 2	Plymouth (Mount Batten)	Tilt. Siphon	89	101	56	21	32	44	43	20	2	25	37	45	97	523
" 6	Exmouth (Salterton Road)	Tilt. Siphon	195	70	43	29	22	62	39	19	5	17	31	59	85	481
" 6	Exeter Airport	Tilt. Siphon	106	87	47	32	25	63	36	19	5	14	31	56	83	498
Devon, N. 2	Chivenor Airfield	Tilt. Siphon	22	90	69	27	81	65	50	18	9	32	52	41	125	659
Somerset 1	Litton (Sherborne Reservoir)	Tilt. Siphon	340	105	58	42	42	88	72	4	7	54	46	77	125	720
" 3	Bridgwater (Northmoor P.S.)	Tilt. Siphon	23	83	52	18	24	72	58	11	11	20	34	62	100	545
" 4	Minehead (Blenheim Gardens)	Nat. Siphon	35	49	46	19	25	99	39	8	14	23	45	52	102	521
Gloucester 3	Cheltenham (Montpellier Gdns.)	" Float "	216	57	20	30	22	72	50	4	15	14	37	53	81	455
" 5	Filton (Bristol Airport)	Tilt. Siphon	192	95	42	28	38	65	54	2	11	17	35	54	94	535
Hereford 1	Ross-on-Wye	Hyetograph	224	70	37	31	17	69	54	2	7	10	20	49	61	427
Shropshire 4	Shawbury Airfield	Tilt. Siphon	235	59	57	47	43	69	59	7	23	23	25	26	68	506
" 4	Oswestry (Llwyn Terrace)	Hyetograph	430	61	43	53	25	93	64	3	18	9	27	26	72	494
Stafford 1	Keele (University College)	Tilt. Siphon	589	53	39	56	57	73	68	8	23	34	47	36	87	581
Worcester 3	Defford Airfield	Tilt. Siphon	58	56	32	28	22	73	60	5	6	14	24	30	54	404
Warwick 4	Elmdon (Birmingham Airport)	Tilt. Siphon	325	64	53	52	34	80	57	11	17	20	31	42	60	521
" 4	Birmingham (Handsworth Pk.)	Hyetograph	424	60	44	42	25	80	49	7	10	29	38	63	66	513
Leicester 4	Leicester (De Montfort Square)	Nat. Siphon	250	51	59	52	31	70	47	6	7	15	33	19	51	441
" 4	Loughborough (Nanpantan Res.)	Hyetograph	269	58	50	47	34	74	56	12	9	19	27	27	46	459
Lincoln 3	Cranwell Airfield	Tilt. Siphon	206	65	66	57	38	56	56	8	11	12	29	24	45	467

Table 5A. Duration of Rainfall at 145 Stations during 1955 (Monthly and Annual values) (continued)

County and River Division	Station	Type of Recorder	H't. above Sea	DURATION OF RAINFALL												Year
				Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
Lincoln3	Lincoln (West Common)	Tilt. Siphon	ft. 22	40	50	41	30	52	57	7	11	14	27	20	23	hr. 372
"4	Manby Airfield	Tilt. Siphon	57	40	51	58	24	49	51	7	16	12	24	20	54	406
Nottingham .5	Watnall	Tilt. Siphon	367	75	56	55	33	75	68	9	7	12	29	35	61	515
"5	Sutton-in-Ashfield	Hyetograph	458	62	66	64	33	68	69	20	10	12	34	44	75	557
Cheshire1	Prestbury (Sewage Works)	Tilt. Siphon	320	42	37	39	54	56	44	7	16	23	23	26	65	432
"1	Appleton Reservoir	Tilt. Siphon	120	41	34	39	35	43	59	7	17	29	26	24	81	435
"1	Ringway (Manchester Airport)	Tilt. Siphon	248	61	41	44	67	66	60	10	25	33	41	36	82	566
"1	Sale (Carrington Lane)	Tilt. Siphon	72	44	38	37	49	49	47	11	19	26	27	27	63	437
"3	Barrowmore	Tilt. Siphon	114	33	33	32	30	44	53	6	16	28	32	19	74	400
"3	Birkenhead (Bidston Obsv.)	Nat. Siphon	198	47	58	48	43	56	67	6	22	29	47	31	81	535
Lancs, S.1	Formby (High Town)	Tilt. Siphon	25	43	42	34	42	47	58	10	20	24	27	27	71	445
"2	Speke (Liverpool Airport)	Tilt. Siphon	81	56	55	45	44	55	67	6	21	29	38	29	84	529
"2	Liverpool (Monument Place)	Nat. Siphon	129	54	56	48	48	56	69	10	22	33	39	30	82	547
"3	Rawtenstall (Cemetery)	Tilt. Siphon	570	88	64	51	55	79	85	18	24	63	64	49	133	773
Lancs, C.1	Squires Gate Airport	Tilt. Siphon	33	63	60	41	62	56	94	15	20	32	41	33	80	597
Lancs, N.1	Barrow-in-Furness (Sew. Wks.)	Nat. Siphon	24	46	38	44	39	54	55	5	19	23	32	19	67	441
Yorks, W.R. .6	Lindholme Airfield	Tilt. Siphon	20	36	27	43	34	45	58	10	8	10	24	23	52	370
"7	Rotherham (Aldwarke Wks.)	Hyetograph	72	43	45	38	12	44	52	9	4	7	23	24	42	343
"7	Langsett Reservoir	Nat. Siphon	820	59	69	53	27	73	80	10	13	19	43	42	134	622
"9	Bradford (Bowling Cemetery)	Hyetograph	600	34	36	48	18	38	45	6	18	24	29	38	92	426
"9	Leeds (Roundhay Park)	Tilt. Siphon	427	51	47	51	22	40	54	11	11	17	30	32	66	432
"10	Skipton (Town Hall)	Hyetograph	367	55	43	44	38	65	89	16	28	26	45	34	106	589
Yorks, E.R. .3	Church Fenton Airfield	Tilt. Siphon	29	54	48	51	36	59	54	12	17	18	32	33	62	476
Yorks, N.R. .2	Driffield Airfield	Tilt. Siphon	71	52	49	56	31	59	43	16	18	16	36	35	66	477
"2	Thirsk (Topcliffe Airfield)	Tilt. Siphon	81	37	35	34	29	32	53	14	11	13	25	35	45	363
"4	Felixkirk (Mount St. John)	Halliwell	540	42	40	37	34	38	55	17	13	15	28	48	49	416
"6	Farnedale Vicarage	Hyetograph	495	55	69	53	32	48	48	16	14	14	39	70	74	532
"1	Middlesbrough (South Bank)	Nat. Siphon	43	43	44	35	33	33	50	15	9	13	22	32	49	378
Durham1	Darlington (Waterworks)	Tilt. Siphon	161	42	43	26	24	32	72	14	12	15	28	39	60	407
"1	Middleton St. George	Tilt. Siphon	117	46	46	32	32	27	59	15	13	18	29	37	57	411
Northumb. . .5	Acklington Airfield	Tilt. Siphon	138	50	48	29	28	45	47	19	35	23	28	31	81	464
Cumberland .1	Silloth Airfield	Tilt. Siphon	27	61	36	34	63	67	98	24	46	41	45	30	109	654
"2	Keswick (High Hill)	Tilt. Siphon	254	96	38	43	74	121	79	29	61	59	65	42	145	852
"3	St. Bees Head Lighthouse	Tilt. Siphon	400	75	27	46	51	38	79	24	40	29	32	31	72	544
Glamorgan .1	Felindre (Upper Lliw Res.)	Hyetograph	599	77	57	60	93	101	126	35	27	56	53	67	142	894

Table 5A. Duration of Rainfall at 145 Stations during 1955 (Monthly and Annual values) (continued)

County and River Division		Station	Type of Recorder	H't. above Sea	Jan.	Feb.	Mar.	Apl.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
BRITISH RAINFALL 1955																	
Glamorgan . . . 3		Swansea (Victoria Park)	Hyetograph	ft. 26	hr. 64	hr. 38	hr. 46	hr. 77	hr. 70	hr. 68	hr. 11	hr. 13	hr. 31	hr. 34	hr. 48	hr. 130	hr. 630
" . . . 7		Cardiff (Penylan)	Nat. Siphon	202	89	34	23	61	73	69	3	13	32	47	44	120	608
Pembroke . . . 4		Pembroke Dock	Tilt. Siphon	36	96	45	51	68	71	74	4	11	31	45	42	132	670
Cardigan . . . 2		Aberporth	Tilt. Siphon	378	76	39	66	59	74	77	6	18	31	55	37	100	638
Brecknock . . . 7		Swansea W.W. (Cray Res.)	Tilt. Siphon	1043	181	68	70	108	123	161	14	30	49	58	86	174	1122
Montgomery 5		Lake Vyrnwy (Exper. Station)	Tilt. Siphon	995	85	52	47	65	101	92	7	19	29	35	29	134	695
Flint 1		Hawarden Airfield	Tilt. Siphon	17	36	59	45	34	48	67	4	19	23	40	35	74	484
Denbigh 1		Wrexham (Grove Pk. School)	Hyetograph	275	58	60	46	27	58	70	4	19	19	36	30	102	529
Caernarvon . . 5		Snowdon (Cwm Dyli)	Beckley	310	120	62	64	127	131	138	20	35	81	99	43	175	1095
Anglesey		Valley Airfield	Tilt. Siphon	28	75	66	42	60	62	73	12	17	30	32	29	81	579
Isle of Man . .		Ronaldsway Airport	Tilt. Siphon	57	61	55	25	59	36	79	18	26	25	31	36	80	531
Channel Is. . . .		St. Peter's (Jersey Airport)	Tilt. Siphon	275	85	75	26	11	30	30	16	3	31	47	20	69	443
Wigtown 3		West Freugh Airfield	Tilt. Siphon	52	81	57	28	51	45	91	22	25	36	35	43	81	595
Kirkcudbr't 3		Dalry (Glenlee)	Hyetograph	181	97	67	50	66	87	102	37	33	39	80	59	155	872
Dumfries 5		Eskdalemuir Observatory	Tilt. Siphon	794	116	72	59	84	104	79	25	50	81	93	46	179	988
Berwick 3		Swinton House	Hyetograph	200	31	44	34	25	60	46	32	13	25	45	29	90	474
Midlothian . . 5		Turnhouse (Edinburgh Airport)	Tilt. Siphon	116	44	44	50	10	64	28	22	28	21	38	18	76	443
Lanark 5		Thorntonhall	Tilt. Siphon	453	65	40	45	44	54	51	21	21	41	51	39	92	564
" 5		Bothwell (Sewage Works)	Tilt. Siphon	112	58	46	40	30	72	38	29	22	51	57	44	117	604
Ayr 3		Prestwick Airport	Tilt. Siphon	30	59	39	27	49	57	56	27	25	38	35	35	104	555
Renfrew 2		Renfrew (Glasgow Airport)	Tilt. Siphon	29	66	51	39	43	53	48	20	16	45	60	40	128	609
" 3		Greenock (Prospect Hill)	Hyetograph	199	75	61	37	62	61	54	20	22	68	89	40	147	736
Dumbarton . . 3		Loch Sloy (Power Station)	Tilt. Siphon	41	116	61	61	110	83	92	21	32	119	124	90	204	1113
Argyll 14		Tiree Airport	Tilt. Siphon	30	90	66	23	70	35	59	11	27	90	118	41	127	757
Fife 1		Dunfermline	Tilt. Siphon	237	35	46	37	11	40	21	14	15	25	29	18	67	358
" 3		Leuchars Airfield	Tilt. Siphon	35	41	46	49	34	44	27	19	15	25	31	29	87	447
Perth 8		Perth (Craigie Haugh)	Hyetograph	18	39	25	29	18	38	27	14	16	19	28	17	86	356
Aberdeen . . . 1		Balmoral Castle Gardens	Nat. Siphon	927	44	89	38	10	61	14	14	14	31	82	52	105	554
" 2		Dyce (Aberdeen Airport)	Tilt. Siphon	187	40	67	66	25	57	31	22	10	23	69	44	94	548
" 4		Ratrag Head	Tilt. Siphon	85	41	64	60	34	67	33	10	5	46	76	49	86	571
Moray 4		Elgin Cemetery	Tilt. Siphon	93	16	49	31	25	51	21	17	27	34	63	20	80	434
" 5		Kinloss Airfield	Tilt. Siphon	18	36	48	35	29	65	26	17	24	26	63	19	75	463
Inverness . . . 17		Fort William (Teviot)	Hyetograph	35	100	63	31	129	77	86	34	37	147	156	79	170	1109
" 19		Barra (Loch an Duin)	Tilt. Siphon	120	71	60	42	60	37	54	12	34	62	116	51	90	689
" 19		Benbecula Airport	Tilt. Siphon	18	85	70	35	43	39	39	15	24	65	138	58	103	714

Table 5A. Duration of Rainfall at 145 Stations during 1955 (Monthly and Annual values) (concluded)

County and River Division	Station	Type of Recorder	H't. above Sea	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Ross and Cromarty 10	Stornoway Airport	Tilt. Siphon	12	106	62	40	65	53	36	18	21	66	88	48	129	732
Caithness ... 2	Wick Airport	Tilt. Siphon	121	53	60	43	39	64	20	9	16	49	88	52	99	592
Orkney	Grimsetter Airport	Tilt. Siphon	85	72	101	51	39	38	32	7	22	64	123	43	119	711
Shetland	Lerwick Observatory	Tilt. Siphon	269	84	67	47	65	37	37	27	18	60	90	45	91	668
Fermanagh ... 1	Castle Archdale Airfield	Tilt. Siphon	225	96	84	27	81	62	92	17	16	59	52	61	114	761
Antrim ... 5	Aldergrove Airfield	Tilt. Siphon	220	95	98	27	62	47	101	17	22	56	51	45	86	707
Londonderry 5	Ballykelly Airfield	Tilt. Siphon	10	86	59	22	57	87	100	16	24	52	68	30	66	667

Table 5B. Mean Rate of Rainfall at 15 Stations during 1955 (Monthly and Annual values)

County and River Division	Station	Rain-fall 1955	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
London	St. Pancras (Camden Square)	21.35	in. per hr. .042	in. per hr. .033	in. per hr. .042	in. per hr. .022	in. per hr. .063	in. per hr. .059	in. per hr. .030	in. per hr. .087	in. per hr. .089	in. per hr. .055	in. per hr. .027	in. per hr. .038	in. per hr. .049
Suffolk	Mildenhall Airfield	17.51	in. per hr. .028	in. per hr. .029	in. per hr. .045	in. per hr. .015	in. per hr. .047	in. per hr. .069	in. per hr. .048	in. per hr. .115	in. per hr. .084	in. per hr. .051	in. per hr. .052	in. per hr. .040	in. per hr. .044
Devonshire, N.	Chivenor Airfield	30.07	in. per hr. .049	in. per hr. .042	in. per hr. .039	in. per hr. .024	in. per hr. .060	in. per hr. .064	in. per hr. .045	in. per hr. .030	in. per hr. .061	in. per hr. .040	in. per hr. .053	in. per hr. .043	in. per hr. .046
Gloucestershire	Filton (Bristol Airport)	24.50	in. per hr. .032	in. per hr. .040	in. per hr. .047	in. per hr. .026	in. per hr. .061	in. per hr. .053	in. per hr. .046	in. per hr. .104	in. per hr. .065	in. per hr. .048	in. per hr. .069	in. per hr. .031	in. per hr. .046
Leicestershire	Loughborough (Nanpantan Res.)	25.69	in. per hr. .035	in. per hr. .043	in. per hr. .072	in. per hr. .035	in. per hr. .055	in. per hr. .074	in. per hr. .134	in. per hr. .036	in. per hr. .080	in. per hr. .062	in. per hr. .068	in. per hr. .039	in. per hr. .056
Yorkshire, N.R.	Thursk (Topcliffe Airfield)	18.66	in. per hr. .035	in. per hr. .043	in. per hr. .045	in. per hr. .039	in. per hr. .052	in. per hr. .042	in. per hr. .067	in. per hr. .076	in. per hr. .074	in. per hr. .063	in. per hr. .067	in. per hr. .058	in. per hr. .051
Cumberland	Keswick (High Hill)	43.15	in. per hr. .048	in. per hr. .045	in. per hr. .032	in. per hr. .027	in. per hr. .042	in. per hr. .041	in. per hr. .091	in. per hr. .071	in. per hr. .070	in. per hr. .053	in. per hr. .053	in. per hr. .057	in. per hr. .051
Pembrokeshire	Pembroke Dock	37.22	in. per hr. .048	in. per hr. .068	in. per hr. .063	in. per hr. .042	in. per hr. .048	in. per hr. .053	in. per hr. .063	in. per hr. .045	in. per hr. .078	in. per hr. .065	in. per hr. .070	in. per hr. .054	in. per hr. .056
Denbighshire	Wrexham (Grove Park School)	25.42	in. per hr. .039	in. per hr. .038	in. per hr. .052	in. per hr. .037	in. per hr. .060	in. per hr. .050	in. per hr. .090	in. per hr. .048	in. per hr. .088	in. per hr. .060	in. per hr. .069	in. per hr. .033	in. per hr. .048
Dumfriesshire	Eskdalemuir Observatory	44.15	in. per hr. .050	in. per hr. .047	in. per hr. .058	in. per hr. .030	in. per hr. .039	in. per hr. .039	in. per hr. .102	in. per hr. .031	in. per hr. .057	in. per hr. .033	in. per hr. .041	in. per hr. .045	in. per hr. .045
Argyllshire	Tiree Airport	38.22	in. per hr. .038	in. per hr. .046	in. per hr. .039	in. per hr. .041	in. per hr. .056	in. per hr. .057	in. per hr. .036	in. per hr. .048	in. per hr. .071	in. per hr. .055	in. per hr. .044	in. per hr. .050	in. per hr. .050
Aberdeenshire	Dyce (Aberdeen Airport)	28.20	in. per hr. .027	in. per hr. .050	in. per hr. .030	in. per hr. .030	in. per hr. .052	in. per hr. .055	in. per hr. .044	in. per hr. .032	in. per hr. .081	in. per hr. .073	in. per hr. .053	in. per hr. .062	in. per hr. .051
Ross and Cromarty	Stornoway Airport	34.50	in. per hr. .034	in. per hr. .038	in. per hr. .044	in. per hr. .031	in. per hr. .047	in. per hr. .063	in. per hr. .032	in. per hr. .067	in. per hr. .062	in. per hr. .046	in. per hr. .050	in. per hr. .057	in. per hr. .047
Shetland	Lerwick Observatory	32.12	in. per hr. .040	in. per hr. .045	in. per hr. .033	in. per hr. .046	in. per hr. .054	in. per hr. .050	in. per hr. .031	in. per hr. .050	in. per hr. .061	in. per hr. .053	in. per hr. .050	in. per hr. .053	in. per hr. .048
Antrim	Aldergrove Airfield	32.77	in. per hr. .041	in. per hr. .033	in. per hr. .032	in. per hr. .042	in. per hr. .055	in. per hr. .038	in. per hr. .073	in. per hr. .073	in. per hr. .080	in. per hr. .053	in. per hr. .040	in. per hr. .045	in. per hr. .046

6 Heavy Falls in Short Periods in 1955

Heavy falls of rain in short periods are of great importance because of the inconvenience or damage which they may cause. Information given in this section supplements that in Section 7, Heavy Falls on Rainfall Days, which deals with falls of longer duration and usually relates to widespread flooding rather than sudden damage over limited areas.

Table 6A indicates the classification used since January 1, 1936, and described in full in an article in Part IV of *British Rainfall* 1935. The diagram showing the full classification was printed in the volumes for 1935 to 1938.

A list of falls of "very rare" intensity lasting for *one hour or less* which were recorded between 1873 and 1938 was published in

British Rainfall 1938, and a supplementary table giving similar data for the years 1939 to 1946 was printed in *British Rainfall* 1946. Additional falls have been mentioned year by year since then. One such fall was reported in 1955; 2.92 inches in 40 minutes at Pontypridd (Coedpenmaen Road) on June 6.

Table 6C gives particulars of falls recorded in 1955 which reached at least the intensity "noteworthy." In each case the entry gives the largest amount recorded with a mean intensity "noteworthy", "remarkable" or "very rare", an entry in the highest category being in general preferred. Entries are credited to the calendar day rather than the "rainfall day" and times quoted are G.M.T.

Table 6A. Lower Limits of Intense Rainfalls

Time	Noteworthy			Remarkable			Very Rare		
	Amount		Rate	Amount		Rate	Amount		Rate
min.	in.	mm.	in./hr.	in.	mm.	in./hr.	in.	mm.	in./hr.
5 or less	.43	10.9	5.16	.68	17.3	8.16	1.06	26.8	12.72
10 " "	.54	13.8	3.24	.85	21.6	5.10	1.31	33.2	7.86
20 " "	.68	17.3	2.04	1.06	26.8	3.18	1.61	40.9	4.83
30 " "	.77	19.7	1.54	1.19	30.3	2.38	1.82	46.2	3.64
40 " "	.85	21.6	1.27	1.30	33.2	1.95	1.98	50.3	2.97
50 " "	.91	23.2	1.09	1.40	35.6	1.68	2.12	53.8	2.55
60 " "	.97	24.5	.97	1.48	37.6	1.48	2.24	56.8	2.24
70 " "	1.01	25.7	.87	1.55	39.4	1.33	2.34	59.5	2.01
80 " "	1.05	26.8	.79	1.61	40.9	1.21	2.44	61.9	1.83
90 " "	1.09	27.8	.73	1.67	42.4	1.11	2.52	64.0	1.68
100 " "	1.13	28.8	.68	1.72	43.8	1.03	2.60	66.0	1.56
110 " "	1.16	29.6	.63	1.77	45.0	.97	2.67	67.8	1.46
120 " "	1.19	30.4	.59	1.82	46.2	.91	2.73	69.4	1.37

In Table 6C there are 62 entries compared with 48 "noteworthy" falls recorded during 1954. Table 6B gives the geographical distribution of these falls. The total number, 62, was 5 more than the mean for the 30 years 1925-54. There was an unusually large number of intense falls in south-west England. These figures do not indicate, however, the relative frequencies of intense falls in the respective districts, as the number of observers for a given area is much greater in southern England than elsewhere. The heavy falls were more than usually concentrated in the

the 6th represented the heaviest fall of that or shorter duration on record for Glamorgan. The observer at Pontypridd, Mr. R. M. Harrison, reported severe flooding. The canal and river broke their banks. All roads were blocked by stone, grit and boulders brought down by normally slow mountain streams which became raging torrents. At one place a garage, with a car inside, was swept away by one mountain stream in spate. Unfortunately, the rain-gauge of Mr. Bevan at Merthyr Tydfil was washed away during the same storm but a "noteworthy" fall was recorded

Table 6B. Number of Noteworthy Rains of Two Hours' Duration or less

		England and Wales					Scotland	Northern Ireland	Total
		S.E.	S.W.	N.E.	N.W.	Total			
1955	(a)	15	28	0	0	43	2	1	46
	(b)	10	3	2	1	16	0	0	16
	Total	25	31	2	1	59	2	1	62
Mean 1925-1954		25	14	7	6	52	4	1	57

(a) Observations made without autographic rain-gauges.

(b) Readings of autographic gauges.

three months June to August. These months recorded 92 per cent of the total of such falls for 1955 compared with an average of 80 per cent for the period 1860-1952. One heavy fall occurred in May, 9 in June, 39 in July, 9 in August, 2 in September and 2 in October.

The single heavy fall in *May* occurred in Norfolk, on the 6th. Thunderstorms associated with the passage of a depression across southern England occurred at many places on the 5th and 6th with flooding in many towns in South Wales and the English Midlands.

Of the 9 heavy falls listed for *June* in Table 6C, 6 occurred on the 6th and 3 on the 8th. The 6th was the warmest day of the year to that date but there was a sharp fall of temperature on succeeding days associated with the southward movement of a cool northerly airstream. Thunderstorms occurred at many places on the 6th, 7th and 8th. The "very rare" fall of 2.92 inches in 40 minutes at Pontypridd on

by the Borough Surveyor at Merthyr Tydfil Town Hall.

The *Merthyr Express* reported severe damage at many places in the town and surrounding districts. The Merthyr General Hospital, in particular, was badly affected. The doors in the forecourt of the hospital had to be broken down to release water which would have flooded the wards and the released water swept down the High Street carrying food and hospital equipment.

Thunderstorms were prevalent in the West Country on the 6th. Two "noteworthy" falls were reported in west Somerset and two in Devon. The *West Somerset Free Press* reported flood damage at many places on the eastern side of Dunkery Beacon. Air Vice-Marshall A. V. Capel of Wiveliscombe thought that about 1.20 inch fell in 90 minutes on the 6th. This total was made up during two periods of very heavy rain with a lull of about

10 minutes in between. He said that water cascaded straight off the roof of the house as if no gutter existed. Two small tributaries of the River Tone, which some days after the storm were practically dry, brought down enormous quantities of stones, pebbles, earth and rubble which required several days for removal by a few men and a bulldozer. During the "noteworthy" fall of .97 inch in 33 minutes at Kenton, near Exeter, the Rev. K. E. Alexander noted an even greater intensity of .55 inch in 13 minutes. Vivid lightning accompanied this storm. On the 8th, a "remarkable" fall occurred at Northampton. The *Mercury and Herald*, reported that a sunblind collapsed from the weight of storm water which had collected in it. At the Northampton General Hospital 1.58 inch fell during the day and most of this is believed to have occurred in 90 minutes. All basements at the Hospital were flooded. The engineer to the Nene River Board reported that at the height of the storm, sewers were surcharged and water was being forced from them to a height of about two feet. The Northampton Borough Engineer said that rainfall intensities in the district were by no means uniform. Flooding was mainly confined to the Far Cotton area of the town where the gradients available for surface water sewerage are slight. At Hitchin Mr. H. Cooke recorded a "remarkable" fall on the 8th. He said the downpour was terrific between 16h. 30m. and 17h. and extensive minor damage was done to basements and ground floors of houses and shops through flooding.

The 39 falls recorded in *July* all occurred in the period 11th to 18th. During this period temperatures rose above 80° F. almost daily at many places, and thunderstorms, although widely scattered, were often severe. This spell of exceptionally warm thundery weather culminated in the storms of the 18th when the heaviest fall in a rainfall day ever recorded in the British Isles, 11 inches, occurred at Martinstown, Dorset. This storm is described more fully in Section 7, *Heavy Falls on Rainfall Days*. On the 11th, a "noteworthy" fall was

recorded at Glenrossal. This is the first occasion on which a fall of intensity "noteworthy" or higher has been reported from Sutherland—but, in that area, there are big gaps in the network of rain-gauges. At East Ham where a "remarkable" fall occurred on the 11th, the Sewage Works Manager reported particularly intense lightning. Damage to brickwork was reported and several trees were uprooted. The "remarkable" fall on the 12th at Congleton Sewage Works was the only one in the year reported from the north-west of England. Mr. A. Cox, who recorded a "noteworthy" fall at Gillingham, Dorset, reported that hail preceded torrential rain, which flooded houses and washed soil off the gardens. At Blaengwynfi, a mining village in Wales, the *Western Mail* reported that 20 people were left homeless on the 12th when torrential rain sent more than 200 tons of stone and rubble crashing into the rear of six houses. Furniture was buried to a depth of five or six feet by sludge and debris. In spite of a "remarkable" fall at Shaftesbury on the 13th, the observer reported surprisingly little local damage, but the *Times* mentioned damage over a wide area of north Dorset and south Wiltshire. The post-office in Shaftesbury was flooded to a depth of three inches and a number of basements were flooded. Three people were killed by lightning (one in Westmorland). Mr. A. T. Hocking who recorded a "noteworthy" fall at Malvern said that hailstones the size of walnuts fell during the storm. Lt.-Col. B. S. Browne at Wotton-under-Edge also reported large hailstones in a storm on the same day. At Blandford where a "remarkable" and a "noteworthy" fall were recorded on the 14th, the *Bournemouth Daily Echo* reported that the weight of the water and hailstones, which were half an inch in diameter, dislodged many slates. The observer at Purley, Mr. C. S. Bailey, who recorded a "remarkable" fall on the 14th, said that within 5 or 10 minutes of the start of the storm, roads in the centre of Purley became rivers. There was two or three feet of water in many places. There were several reports of

death from lightning on the 14th. Three young people were killed whilst sheltering under a tree at Southampton. One woman was killed and 46 other people injured when lightning struck a closely packed crowd at the Royal Ascot race meeting. On the night of the 17th–18th widespread thunderstorms occurred in Kent. Falls of more than 3 inches occurred at many places but for the most part the storms were of longer duration than two hours. The only “noteworthy” fall reported was at Ramsgate but it seems likely that falls of at least “noteworthy” intensity must have been attained in many of the other storms of longer duration. Many thousands of pounds worth of damage was done to fruit trees and hop vines. A fuller description of the events of the storm is given in Section 7, together with details of the Dorset storm of July 18th. It should be noted that one “very rare” and three “remarkable” falls were reported from southern Dorset and falls of these intensities must also have occurred at other stations where exact values for two hours or less are not known. Some examples of large amounts in a few hours are: Dorchester (South Court Avenue), more than 3 inches in 3 hours; Litton Cheney, 4·48 inches in 2¾ hours; Upwey 6·55 inches in 6½ hours. At Martinstown where the fall of 11 inches in a day was recorded, it is believed that 7·50 inches fell in about 5 hours. The “very rare” fall at Neath on the 18th, when 3·32 inches fell in 2 hours is the heaviest fall on record in Glamorgan for that or smaller durations. During the storm one inch of rain fell in 15 minutes. The Engineer reported considerable flooding in low-lying areas of the town due to the overflow of two streams. Most of the heavy falls in *August* occurred on the three days 12th to 14th. Temperatures rose to the middle seventies and thunderstorms broke out in many places. A locally unprecedented fall occurred on the 13th at Annaghanoon when 3·44 inches fell in 80 minutes. This is by far the heaviest fall, for durations of 2 hours or less, recorded in Northern Ireland. The late Mr. Gibson who had rainfall stations at

Waringstown and Annaghanoon gave an interesting account of the storm. Two houses were struck by lightning, electric meters blown and house telephones put out of order while one mile distant two animals were killed by lightning and hay set on fire. Rainfall at Waringstown was only ·84 inch in 80 minutes. At Annaghanoon, 1½ miles south, there was evidence of much greater damage. Garden crops were beaten flat, leaves were pelted from the trees and hail lay about, still not thawed, some time after the storm. Residents at Annaghanoon told Mr. Gibson that there was a strong smell of sulphur in the air after lightning discharges and that hail came in a solid mass down the chimneys. A “very rare” fall was reported also at Sittingbourne on the 13th. A landslide following this storm blocked the London–Folkestone road near Maidstone and, according to the *Sunday Pictorial* the post-office at Bredgar near Sittingbourne was flooded. A “remarkable” fall occurred at Chidham, Sussex, on the 14th, where the total fall in 2½ hours was 2·74 inches. A report was received of a fall of 2·07 inches in 2 hours at Beccles on the same day, but it is not known whether the gauge and exposure are satisfactory. Serious floods occurred in East Suffolk on the 14th when an authentic “noteworthy” fall was also reported from Belstead Hall, Ipswich. According to the Ipswich *Evening Star* the fire brigade worked for 17 hours pumping away flood water. Manhole covers were removed and a few cover frames burst and wrecked the roadway. Fortunately the tide was not at the full or damage and flooding might have been worse. At Kettleburgh, 2·57 inches is said to have fallen in 3 hours and 2·22 inches fell at Coddendam in 3½ hours. The “noteworthy” falls on the 17th occurred during thunderstorms which were associated with the movement across the country of a cold front. One of the reports of “noteworthy” falls on the 17th was from a comparatively rare source—Cardiganshire.

The “noteworthy” fall of *September* 12 at Tobermory was the first to be reported from

the Island of Mull. Normally water drains away very quickly by two or three deep-lying burns but on this occasion several premises were flooded in Main Street on the waterfront and many road surfaces were damaged. The rainfall was associated with an intensifying trough moving into the western parts of the British Isles. Thunderstorms occurred in England on the 12th and 13th but no falls of "noteworthy" or higher intensity were reported. Thunderstorms also occurred at many places on the 22nd when a "noteworthy" fall was reported at Cranwell and many houses were struck in London and the

Home Counties. The duration of the storms in most cases was, however, greater than 2 hours.

The two "noteworthy" falls which occurred on *October* 19 were associated with a deepening depression. The 1·50 inch in 2 hours at Poole was part of a total for the rainfall day of 2·05 inches. The total for the preceding day was 2·50 inches. The 1·50 inch at Ringwood occurred in exactly the same period as that at Poole. Widespread flooding occurred over the country on the 18th and 19th but was the result of prolonged rainfall rather than intense falls in short periods.

Table 6c. Heavy Falls in Short Periods in 1955

County and River Division	Station	Date	Amount	Began at	Duration	Rate per Hour
	(a) EYE OBSERVATIONS		in.	G.M.T	min.	in.
Worcester .....4	Dudley (Tipton Road)	Aug. 17	·56	15 10	5	6·72
Cardigan .....3	Llandyssul (Joyous Gard)	Aug. 17	·56	17 53	11	3·05
Dorset .....4	Blandford (East Street)	Jul. 14	1·02	16 00	15	4·08*
Sussex .....5	Heathfield (Cross-in-Hand)	Jul. 14	·69	12 56	15	2·76
Surrey .....4	Purley (Woodcote Valley Road)...	Jul. 14	1·19	16 10	20	3·57*
Argyllshire ...14	Mull (Tobermory School House) ..	Sep. 12	·86	09 20	20	2·58
Devonshire, S. 4	Paignton (Victoria Park)	Jul. 18	·63	09 53	22	1·72
Hertford .....2	Northwood (St. Mary's Avenue) ..	Jul. 14	·96	14 50	25	2·30
Devonshire, S. 5	Chagford (Yellam Cottage)	Jun. 6	·84	16 45	25	2·02
Somerset .....3	Bridgwater (Wembdon)	Jul. 12	·88	15 30	30	1·76
Hereford .....1	Hereford (Sewage Works)	Jul. 13	·88	16 00	30	1·76
Devonshire, S. 6	Kenton Vicarage	Jun. 6	·97	17 05	33	1·76
Hertford .....3	Bayfordbury	Jul. 11	1·16	16 20	35	1·99
Glamorgan ...6	Pontypridd (Coedpenmaen Road) ..	Jun. 6	2·92	21 00	40	4·38†
Dorset .....4	Blandford (Bryanston)	Jul. 14	1·29	15 50	40	1·93
Gloucester ....3	Wotton-under-Edge (Bournstream)	Jul. 13	1·20	15 40	40	1·80
Hampshire ....5	Gosport	Aug. 14	1·25	14 00	45	1·67
Somerset .....2	East Anstey (Dassels)	Jul. 12	1·15	16 50	45	1·53
Essex .....2	East Ham	Jul. 11	1·40	14 50	50	1·68*
Surrey .....5	Reigate (Wray Park Road)	Jul. 14	1·60	16 00	55	1·75*
Sussex .....3	Hurstpierpoint (Brundall)	Jul. 18	1·17	04 30	55	1·28
Sutherland ....1	Glenrossal	Jul. 11	1·22	14 00	60	1·22
Worcester .....1	Malvern (British Camp Res.)	Jul. 13	1·20	16 30	60	1·20
Devonshire, S. 2	Plympton (Little Woodford)	Aug. 12	1·19	14 00	60	1·19
Devonshire, S. 6	Hemyock (Culm Davy House)	Jul. 17	1·13	18 00	60	1·13
Devonshire, S. 6	Culmstock (Woodgate Farm)	Jul. 12	1·11	14 00	60	1·11
Gloucester ....2	Bromsberrow Heath (Pump. Stn.) ..	Jul. 13	1·98	16 15	75	1·58*
Northampton..4	Northampton (Mercers Row)	Jun. 8	1·75	14 00	75	1·40*
Devonshire, S. 6	Exeter (Heavitree)	Jul. 18	1·34	05 41	79	1·02
Co. Down ....5	Annaghanoon	Aug. 13	3·44	14 35	80	2·58†
Dorset .....4	Gillingham (Buckhorn Weston)	Jul. 12	1·26	15 00	80	·95
Worcester .....1	Tenbury Wells (Belle Vue)	Jul. 17	1·08	23 00	80	·81
Dorset .....3	Weymouth (Westham)	Jul. 18	2·50	15 30	90	1·67*
Dorset .....4	Shaftesbury (Modern School)	Jul. 13	2·39	14 00	90	1·59*
Sussex .....1	Chidham (Chidmere)	Aug. 14	2·29	14 45	90	1·53*
Hertford .....4	Hitchin (Knightswood)	Jun. 8	1·75	15 20	90	1·17*
Somerset .....3	Wiveliscombe (Bulland Lodge)	Jun. 6	1·20	17 30	90	·80
Wiltshire .....1	Market Lavington (Chestnut Cott.)	Jun. 8	1·15	16 00	90	·77
Kent .....3	Sittingbourne	Aug. 13	3·50	17 30	120	1·75†
Dorset .....3	Abbotsbury (West Street)	Jul. 18	2·92	15 00	120	1·46†
Dorset .....3	Chickerell (Lower Putton)	Jul. 18	2·00	15 30	120	1·00*
Dorset .....3	Dorchester (South Court Avenue) ..	Jul. 18	2·00	16 00	120	1·00*
Dorset .....3	Poole (Pitwines Gasworks)	Oct. 19	1·50	09 00	120	·75
Hampshire ....3	Ringwood (Bisterne)	Oct. 19	1·50	09 00	120	·75
Suffolk .....1	Sudbury (Waterworks)	Aug. 13	1·50	15 30	120	·75
Kent .....2	Ramsgate (East Cliff)	Jul. 18	1·30	00 00	120	·65
	(b) AUTOGRAPHIC RECORDS					
Surrey .....4	Caterham (Alderstead Heath)	Jul. 14	·60	15 30	12	3·00
Surrey .....4	Woodcote Park (Golf Course)	Jul. 14	·60	15 15	12	3·00
Surrey .....4	Croydon Airport	Jul. 14	·79	16 15	15	3·16

* "Remarkable" fall.

† "Very Rare" fall.

Table 6C. Heavy Falls in Short Periods in 1955 (*continued*)

County and River Division	Station	Date	Amount	Began at	Duration	Rate per Hour
Suffolk .....2	Ipswich (Belstead Hall)	Aug. 14	·89	12 28	16	3·34
Surrey .....5	Worcester Park (Sewage Works) ..	Jul. 11	·80	15 50	25	1·92
Cheshire .....2	Congleton (Sewage Works)	Jul. 12	1·20	17 30	30	2·40*
Surrey .....5	Raynes Park (Cottenham Pk. P.S.)	Jul. 11	·80	17 00	30	1·60
Surrey .....4	Coulsdon (Midday Sun Allotments)	Jul. 14	·79	16 12	30	1·58
Norfolk.....1	West Raynham Airfield	May 6	1·13	17 50	55	1·23
Sussex .....1	Tangmere Airfield	Jul. 13	1·29	14 22	68	1·14
Lincoln .....3	Cranwell Airfield.....	Sep. 22	1·13	21 42	70	·97
Surrey .....5	Dorking (Pixham Lane Sew. Wks.)	Jul. 14	1·28	16 15	78	·98
Somerset ....4	Wootton Courtenay (Ford Cott.)..	Jun. 6	1·15	17 00	95	·73
Glamorgan ...6	Merthyr Tydfil.....	Jun. 6	1·50	20 56	96	·94
Lincoln .....3	Waddington Airfield.....	Jul. 18	1·27	03 54	108	·71
Glamorgan ...4	Neath (Gnoll Reservoir)	Jul. 18	3·32	13 30	120	1·66†

* "Remarkable" fall.

† "Very Rare" fall.

Table 6D gives frequencies of falls within stated categories for 33 stations which have been selected from those in Table 5A. The falls are not necessarily continuous nor are they always confined to one calendar day. 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. An entry in any of the first four columns under the heading 10 mm. (0·4 inch) naturally recurs in the column or columns to the right, and there is a similar recurrence of the entries under the headings 15 mm. (0·6 inch), 20 mm. (0·8 inch) and 25 mm. (1·0 inch).

Table 6D. Number of Days on which specified amounts of Rain fell in specified times during 1955

County	Station	10 mm. (0.4 inch) within					15 mm. (0.6 inch) within					20 mm. (0.8 inch) within				25 mm. (1.0 inch) within			
		5 mins.	15 mins.	30 mins.	1 hr.	2 hrs.	15 mins.	30 mins.	1 hr.	2 hrs.	5 hrs.	30 mins.	1 hr.	2 hrs.	5 hrs.	1 hr.	2 hrs.	5 hrs.	24 hrs.
London	St. Pancras (Camden Square)	0	0	1	1	2	0	0	0	0	2	0	0	0	0	0	0	0	2
Surrey	Croydon Airport.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
"	Kew Observatory	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent	West Malling Airfield.	0	1	1	1	4	0	1	1	1	3	0	1	1	1	1	1	1	1
Sussex	Tangmere Airfield.	0	0	2	2	5	0	1	1	1	3	0	0	1	1	1	1	1	1
Hampshire	South Farnborough (R.A.E.)	0	1	2	2	4	0	0	0	0	4	0	0	0	0	0	0	0	0
Berkshire	Reading (Caversham Lock)..	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
"	Abingdon Airfield	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Bedfordshire	Cranfield Airfield	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0
Suffolk	Felixstowe	0	0	0	1	3	0	0	0	0	2	0	0	0	0	0	0	0	0
"	Mildenhall Airfield	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
Devonshire, S.	Plymouth (Mount Batten)	0	1	1	2	4	0	0	0	0	1	0	0	0	0	0	0	0	0
Cornwall	St. Eval Airfield*	0	0	0	1	8	0	0	0	0	6	0	0	0	0	0	0	1	6
Gloucestershire	Filton (Bristol Airport)	0	0	0	0	1	0	0	0	0	9	0	0	0	0	0	0	0	5
Shropshire	Shawbury Airfield	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2
Warwickshire	Elmdon (Birmingham Airpt.)	0	0	1	1	2	0	0	1	1	4	0	0	0	0	0	0	0	3
Lincolnshire	Cranwell Airfield.	0	1	1	1	2	0	1	1	1	2	0	1	1	1	1	1	1	3
Cheshire	Ringway (Manchester Airpt.)	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	3
Lancashire, C.	Squires Gate Airport.	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	1
Yorkshire, N.R.	Dishforth Airfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Northumberland	Acklington Airfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumberland	Keswick (High Hill)	0	1	2	2	10	1	2	2	4	9	0	1	1	1	1	1	1	6
Cardiganshire	Aberporth.	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	0	2
Anglesey	Valley Airfield	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
Isle of Man	Ronaldsway Airport	0	0	0	1	4	0	0	1	1	4	0	0	0	0	0	0	0	6
Dumfriesshire	Eskdalemuir Observatory	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0	3
Ayrshire	Prestwick Airport.	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0	7
Renfrewshire	Renfrew (Glasgow Airport)..	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	9
Fife	Leuchars Airfield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Aberdeenshire	Dyce (Aberdeen Airport).	0	0	0	1	2	0	0	0	1	3	0	0	0	0	0	0	0	4
Shetland Islands..	Lerwick Observatory	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Co. Fermanagh	Castle Archdale Airfield	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	2
Co. Antrim	Aldergrove Airfield.	0	0	1	1	4	0	0	1	1	4	0	0	1	0	0	1	0	3

* St. Mawgan from November.

7 Heavy Falls on Rainfall Days in 1955

The daily measurements of rain which are set out in this Section are (a) falls amounting to $2\frac{1}{2}$ inches or more on the rainfall day, and (b) falls which amount to at least $7\frac{1}{2}$ per cent of the total recorded for the year 1955. A fall of $2\frac{1}{2}$ inches in a day at any station is sufficiently remarkable to be noticed, but it is likely to be of more frequent occurrence in areas which are normally wet, such as mountainous districts, than elsewhere. Hence the criterion of $7\frac{1}{2}$ per cent is introduced as well in order to admit certain falls of less than $2\frac{1}{2}$ inches in areas where the total

rainfall of the year does not exceed 33.3 inches.

A summary of the contents of this Section in each of the seventy volumes of *British Rainfall*, 1865–1934, was set out in an article in Part IV of *British Rainfall* 1934. The article also included a list of the absolute highest daily rainfall and the absolute highest daily percentage recorded in each year. Corresponding figures for the years 1935 to 1955 are set out in Table 7A. A list of daily measurements since 1865 reaching or exceeding 7 inches is included as Table 7C.

Table 7A. Maximum Daily Fall and Maximum Percentage

Year	ABSOLUTE HIGHEST RAINFALL				ABSOLUTE HIGHEST PERCENTAGE				Year
	in.	Per cent	Station	Div.	Per cent	in.	Station	Div.	
1935	6.16	5.7	New Dungeon Ghyll..	X	12.2	4.83	Batheaston Reservoir	V	1935
1936	5.80	..	Glenshiel.....	XVIII	12.8	3.97	St. Albans (Oaklands)	III	1936
1937	5.76	18.2	Waltham-on-Wolds...	VII	18.2	5.76	Waltham-on-Wolds..	VII	1937
1938	7.14	5.2	Buttermere (Hassness)	X	15.4	5.61	Torquay (Abbey Park)	V	1938
1939	5.08	4.8	Blaenau Festiniog....	XI	11.8	4.01	Milford W.W.	VI	1939
1940	6.23	6.8	Rhondda (Llyn Fawr)..	XI	14.7	4.18	Scarborough(Osgodby)	IX	1940
1941	5.10	9.2	Merthyr Tydfil.....	XI	18.8	4.54	Wickham Bishops...	IV	1941
1942	5.33	6.2	Grange-in-Borrowdale	X	12.0	3.55	Burnham (Chalbury)..	V	1942
1943	4.44	4.6	Grange-in-Borrowdale	X	10.5	2.78	Torphins School House	XVII	1943
1944	5.20	3.2	Snowdon (Llydaw In.)	XI	14.0	4.45	Kilve (Harefield)....	V	1944
1945	4.85	5.4	Borrowdale (Moraine)	X	16.6	3.82	Boston (Grand Sluice)	VII	1945
1946	6.83	6.4	Princetown		12.6	3.48	Doxford Hall.....	X	1946
			(H.M. Prison)	V	12.6	3.51	Chathill (Preston Twr.)	X	1946
1947	6.28	6.4	Glenquoich.....	XVIII	20.8	5.04	Wisley (Outfall Wks.)	II	1947
1948	6.21	17.0	Kelso (Floors).....	XII	17.0	6.21	Kelso (Floors).....	XII	1948
1949	6.04	3.5	Glenshiel (Kyle)	XVIII	19.1	4.12	March	III	1949
1950	4.55	4.2	Coniston (Holywath) .	X	11.2	3.04	Fordham(LondonHse.)	III	1950
1951	4.53	4.0	Thirlmere (Dale Head)	X	9.9	3.34	Oxford (Radcliffe)...	III	1951
1952	9.00	10.7	Longstone Barrow ...	V	14.7	4.83	Boreham Wood.....	III	1952
1953	6.50	5.4	Snowdon (Cwm Dyli)..	XI	12.0	3.25	Southampton		
							(Portswood)	II	1953
1954	6.02	5.0	Loch Quoich						
			(Cruadhach)	XVIII	11.9	3.56	Wyton Airfield	III	1954
1955	11.00	—	Martinstown						
			(The Chantry)	V	22.5	9.50	Upwey (Friar Waddon)	V	1955

Table 7B. The Largest Daily Rainfalls in 1955

Date	Div.	Station	Amount	Per cent of Year	Total for Year
			in.	%	in.
July 18	V	Martinstown (The Chantry)	11·00	—	—
„ 18	„	Upwey (Friar Waddon)	9·50	22·5	42·25
„ 18	„	Upwey (Higher Well)	9·00	22·3	40·33
„ 18	„	Upwey (Elwell)	8·31	20·2	41·04
„ 18	„	Wynford House	7·90	17·0	46·43
„ 18	„	Dorchester (Queen's House)	7·50	18·1	41·46

Table 7C. Heavy Falls on Rainfall Days, 1865 to 1955, reaching or exceeding 7 inches

County	Station	Fall	Date
		in.	
Dorset	Martinstown (The Chantry)	11·00	July 18, 1955
Somerset	Bruton (Sexey's School)	9·56	June 28, 1917
Dorset	Upwey (Friar Waddon)	9·50	July 18, 1955
Somerset	Cannington (Brymore House)	9·40	Aug. 18, 1924
Dorset	Upwey (Higher Well)	9·00	July 18, 1955
Devonshire	Longstone Barrow	9·00	Aug. 15, 1952
Somerset	Bruton (King's School)	8·48	June 28, 1917
Somerset	Aisholt (Timbercombe)	8·39	June 28, 1917
Dorset	Upwey (Elwell)	8·31	July 18, 1955
Glamorgan	Rhondda (Lluest Wen Reservoir)	8·31	Nov. 11, 1929
Inverness-shire	Loch Quoich (Kinlochquoich)	8·20	Oct. 11, 1916
Cumberland	Borrowdale (Seathwaite)	8·03	Nov. 12, 1897
Dorset	Wynford House	7·90	July 18, 1955
Somerset	Bruton (Pitcombe Vicarage)	7·90	June 28, 1917
Merionethshire	Blaenau Festiniog (Oakeley Quarry)	7·77	June 28, 1928
Merionethshire	Blaenau Festiniog (Llechwedd Quarry) ..	7·75	June 28, 1928
Inverness-shire	Ben Nevis Observatory	7·74	Feb. 6, 1894
Devonshire	Challacombe	7·58	Aug. 15, 1952
Dorset	Dorchester (Queen's Avenue)	7·50	July 18, 1955
Somerset	Simonsbath (Honeymead)	7·35	Aug. 15, 1952
Dorset	Litton Cheney	7·32	July 18, 1955
Norfolk	Brundall (Blofield Road)	7·31	Aug. 26, 1912
Inverness-shire	Ben Nevis Observatory	7·29	Oct. 2, 1890
Caernarvonshire	Snowdon (Llyn Llydaw Copper Mine) ...	7·25	June 28, 1928
Brecknockshire	Trecastle (Blaenau-hydfer)	7·25	Nov. 3, 1931
Norfolk	Sprowston (Council School)	7·20	Aug. 26, 1912
Dorset	Dorchester (Waterworks)	7·20	July 18, 1955
Dorset	Weymouth (Westham)	7·15	July 18, 1955
Cumberland	Buttermere (Hassness)	7·14	July 29, 1938
Inverness-shire	Croy (Dalcross Castle)	7·06	Sept. 25, 1915
Somerset	Cothelstone House	7·05	June 28, 1917
Cumberland	Borrowdale (Seathwaite)	7·00	Oct. 29, 1911

The heaviest fall of the year, 11·00 inches, at Martinstown (The Chantry) on July 18, is the heaviest fall in 24 hours ever recorded in Great Britain and Northern Ireland. The previous record fall in a rainfall day was 9·56 inches measured at Bruton, Somerset, in 1917. The highest percentage fall, 9·50 inches or 22·5 per cent, at Upwey (Friar Waddon), also on July 18, has been exceeded only once since 1865, in 1913, when Doncaster (Pumping Station) recorded 6·06 inches or 26·0 per cent.

Dates of occurrence and measurements of the 6 largest falls of rain during 1955 are given in Table 7B. The table shows also the total amount for the year and the percentage of this total accounted for by the highest daily fall. All the entries are for the storm of July 18.

There were 288 falls which reached or exceeded 2½ inches, and of these the corresponding numbers for other limits were: 3 inches, 118; 4 inches, 38; 5 inches, 18; 6 inches, 13; 7 inches, 10; 8 inches, 4; 9 inches, 3; 10 inches, 1; 11 inches, 1. The outstanding day was July 18 with more than 27 per cent of these falls.

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*.

CHRONICLE

The amounts in this section cover the 24 hours commencing at 9 a.m. G.M.T. on the day of entry.

Few falls qualify for mention until *February* 28 when a vigorous trough of low pressure moving in from the Atlantic brought gales and heavy rain to western Scotland, although fine and sunny weather prevailed in south-east England. Of the 45 falls reaching or exceeding 2½ inches for February 28, only those reaching or exceeding 3½ inches are given below.

January 9		
<i>Lancashire</i>	<i>in.</i>	<i>or %</i>
High Wray (Huyton Hill School) ...	2·65	4·8
<i>Northumberland</i>		
Falstone (Wickhope)	2·60	7·5
<i>Cumberland</i>		
Thirlmere (The Nook)	3·02	4·0
Borrowdale (The Moraine)	4·07	5·5
Watendlath Farm	3·65	5·6
<i>Westmorland</i>		
Hawes Water (Burn Banks)	3·02	6·1
Great Langdale (Long House)	2·96	3·6
Grasmere (Meadow Brow)	2·92	4·3
<i>Caernarvonshire</i>		
Capel Curig (Glyn Curig)	2·52	3·6
Snowdon (Cwm Dyli)	2·96	2·9
Snowdon (Cwm Dyli, Old Road) ...	2·65	2·7
January 13		
<i>Devonshire</i>		
Bow (Rosehill)	2·54	6·5
Bideford (Gammaton Reservoir) ...	2·69	7·5
January 30		
<i>Westmorland</i>		
Patterdale (Greenside Mine).....	2·53	3·6
February 28		
<i>Argyllshire</i>		
Morvern (Kingairloch)	4·04	5·1
Duror (Achadh Nan Sgiath)	4·15	7·7
Glenleven (Kinlochleven)	3·76	5·0
Dalmally (Craig)	3·97	5·9
Kilmelfort (Tralaig, Blaran)	3·50	5·0
Campbeltown	3·78	8·1
Carradale (The Manse)	3·52	6·0
Ardrishaig (Stronachullin)	5·30	8·1
Strachur Park	3·52	5·3
Ardkinglas	4·29	6·5
Glen Fyne Lodge	4·18	5·1
Garvie Farm	4·33	6·0
Strachur (Glenbranter)	5·04	6·5
Mull (Kellan)	3·52	5·9
<i>Inverness-shire</i>		
Loch Ailort (Inverailort)	5·75	8·1

The next day with a number of entries was *May* 17 when a depression crossed southern England and the rain turned to snow as far south as London and the Channel coast. There were 38 entries qualifying for mention because they represented more than 7·5 per cent of the annual total. Of these only those exceeding 2 inches are given below.

April 7

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Moidart (Glenmoidart)	2.50		3.9
Loch Ailort (Polnish)	2.60		4.3

April 27

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Blaenau Festiniog (Oakeley Quarry). .	3.04		3.5
Blaenau Festiniog (Llechwedd Qu.) .	2.92		3.5

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli)	2.88		2.8
Snowdon (Cwm Dyli, Old Road) ...	2.83		2.9
Snowdon (Llydaw Intake)	2.58		2.4

May 6

<i>Warwickshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Wellesbourne	1.74		8.9

May 17

<i>Lincolnshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
East Kirkby Manor	2.25		9.9
Hagworthingham (Manor House) ...	2.05		9.3
Spilsby (Fordington Waterworks) ..	2.47		9.8
Withern (Pumping Station)	2.12		9.2
Manby Airfield	2.26		10.5

During *June* and until *July 3*, wet, changeable weather prevailed, with occasional thunderstorms, but only a few daily amounts qualified for inclusion in this section.

June 3

<i>Herefordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Much Marcle (Hall Court)	1.91		7.6
Cradley School	2.06		8.1

<i>Worcestershire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Defford Airfield	1.71		7.8

<i>Monmouthshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Abergavenny (Ty-Clyd)	2.97		6.8
Grwyne Fawr (Coed Dias)	2.66		6.2

<i>Brecknockshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Black Mountains (Blaen-y-cwm)	2.81		5.5
Black M. (The Dam, Grwyne Fawr) 2.73			5.1

June 4

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Brandon (Waterworks)	1.75		7.9

June 6

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Pontypridd (Ty-Gwyn Reservoir) ...	2.52		4.6

June 7

<i>Nottinghamshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Kegworth (Kingston Hall)	1.88		7.8

<i>Derbyshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Breaston (Woodland Avenue)	1.72		7.5

June 8

<i>Hertfordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hitchin (Knightswood)	2.57		10.5

<i>Northamptonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Northampton (Mercers Row)	1.82		7.9

June 12

<i>Co. Durham</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Gateshead	1.60		7.8

June 19

<i>Lincolnshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Bardney (Sugar Factory)	1.80		8.6
Brigg (Sugar Factory)	2.77		12.9

June 23

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Blaenau Festiniog (Oakeley Quarry). .	2.68		3.1
Blaenau Festiniog (Llechwedd Qu.) .	2.52		3.0

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Skye (Duntulm, Kilmuir)	2.90		5.6

July 2

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ravenglass (The Grove)	2.92		8.4

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Blaenau Festiniog (Oakeley Quarry). .	2.80		3.2

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Beddgelert (Primary School)	2.76		3.7
Snowdon (Cwm Dyli)	3.00		2.9
Snowdon (Cwm Dyli, Old Road) ...	2.85		2.9

<i>Kirkcudbrightshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Auchencairn (Daffin Cottage)	2.90		6.6

<i>Co. Down</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Silent Valley (Belfast Waterworks) ..	2.62		5.6
Seaforde	3.36		8.7

July 3

<i>Northumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Cheviot Hills (Linhope)	2.58		8.3

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Patterdale (Greenside Mine)	2.71		3.9

<i>Berwickshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Duns Castle	1.63		7.6
Longformacus (Whitchester)	1.89		7.6

<i>East Lothian</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Haddington (Neilson Park)	1.59		8.6
East Fortune Hospital	1.51		8.8
North Berwick Reservoir	1.74		9.6
North Berwick (Gasworks)	1.45		8.2

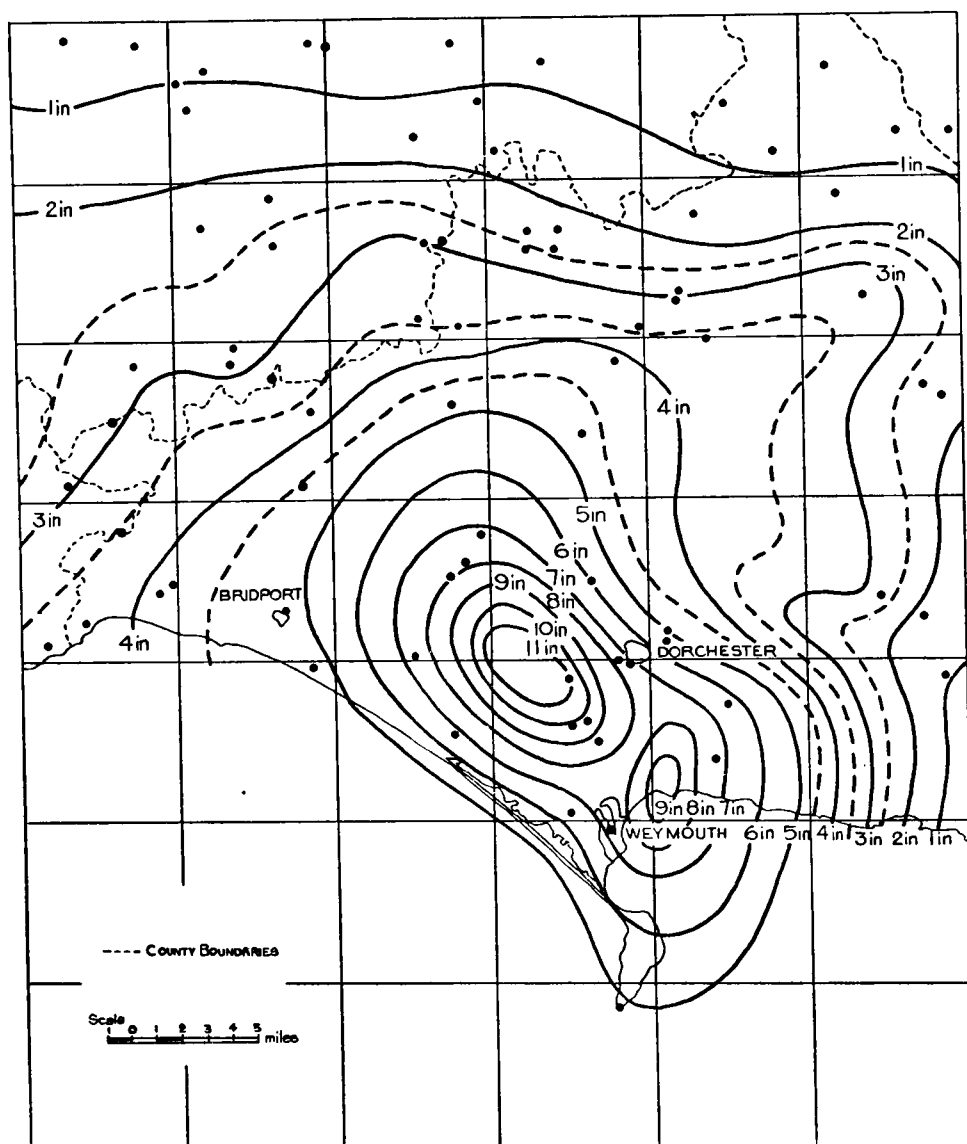
<i>Midlothian</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ford (The Dowry House)	1.65		9.0
Moorfoot Hills (Gladhouse Res.) ...	1.89		8.3
Moorfoot Hills (Rosebery)	1.97		8.0
Newbattle (Public School)	1.72		9.2
Edinburgh (Old Dalkeith Road)	1.44		7.6

The weather from July 11 to 18 was generally warm, and scattered thunderstorms occurred, culminating in the heavy rains of the 17th mainly in Kent and on the 18th especially in Dorset. Of the 36 entries qualifying for inclusion for the 17th and the 78 entries for the 18th only those reaching or exceeding 3 inches have been included.

The rainfall distribution on the 18th, over the greater part of Dorset and parts of the neighbouring counties is shown on the accompanying map. This was prepared on the basis of about 70 reported readings, the

positions of the stations being indicated by dots. There were fewest readings to the north-east of Dorchester and the distribution there may have been more irregular than that indicated between the 3 in. and 4.5 in. isohyetal lines. There may have been a separate centre of heavy rainfall off Portland Bill, leaving an area of relatively low rainfall (less than 4 in.) in the centre of the Isle of Portland, but the map gives the best interpretation of the information available.

The area over the land with 6 in. or more during the rainfall day is estimated at 133



Rainfall in inches, July 18

square miles with perhaps a further 20–30 square miles over Weymouth Bay. A comparison of the areas covered by this heavy rain with that of outstanding earlier rains is given below:—

areas, especially those from the coastal belt to the west. A compact area of rainfall travelled slowly and obliquely across the Channel, having probably originated in the Bay of Biscay, became stationary over Dorset and

Areas, in square miles, covered by remarkable rains of one rainfall day

Rainfall	1912 Aug. 26 Norfolk	1916 Oct. 11 Glenquoich	1917 June 28 Bruton	1924 Aug. 18 Cannington	1948 Aug. 12 Tweed	1952 Aug. 15 Exmoor	1955 July 18 Dorset
in.							
More than							
10							14
9			2	1			28
8		10	13	3		17	48
7	21	40	29	5			83
6	268	205	85	7	8	42	133
5	720	400	288	10	130		195
4	1071	693	809	13	800	153	317

The distribution of rainfall in time was rather complex, taking into account variations reported from the fringes of the heavy rainfall area; but over the central area, enclosed by the 6 in. isohyet, it seems that almost everywhere the heavy rain began in the afternoon and continued well into the evening. During the evening there was a lull, and after that there was more heavy rain, continuing until about midnight before giving way to moderate and light rain in the early hours. About two thirds of the total amount fell before the evening lull. In the area with over 6 in. the heavy fall began at about 14h. 30m. on the 18th and rain continued until about 5h. next morning, moderating during the evening lull and after midnight. Intensities reached 1 in./hr. for at least an hour at some time between 15h. 30m. and 19h. and at the centre of the storm the intensity probably reached 2 in./hr. At Martinstown 7.50 inches was recorded by about 19h. and at Upwey (Friar Waddon) 6.55 inches by about 20h. 30m. A study of the synoptic situation has confirmed deductions which may be drawn from the rainfall observations in out-lying

intensified to give the two heavy bursts described, and later, in its decaying stages, withdrew again over the Channel along a path slightly eastward of that of the approach. Floods occurred in many places, the most serious large-scale flooding being at Weymouth, where Radipole Lake rose rapidly and inundated nearby urban areas. In some other places, in particular in villages upstream of Weymouth, the sudden rush of water down steep slopes did great damage to roads and stone walls, transporting great loads of debris to the flatter ground over which these fast-moving floods then spread. Over a large area nearer to Dorchester, especially in the valley of the South Winterborne, which runs through Martinstown, and which received the heaviest rainfall of the day, the severity of the flooding was mitigated by the effects of the underlying chalk, which rapidly absorbed the rainfall and released it again through innumerable springs at a relatively low rate. The gentler floods of this nature continued for a week, whilst the violent and destructive floods were very short-lived.

July 11

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Barking	1.90		8.8
Ilford (Goodmayes Park)	2.35		10.1

July 13

<i>Dorset</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Shaftesbury (C.E. School)	2.39		9.1

July 14

<i>Sussex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hurst Green (Bellhurst Farm)	2.75		8.4

<i>Northamptonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Kings Cliff (Apethorpe)	1.78		8.7

July 17

<i>Kent</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ramsgate (East Cliff)	3.30		11.9
Broadstairs (Stone House)	3.09		12.8
Broadstairs	3.14		12.8
Tunbridge Wells (Calverley Park) ..	3.65		11.2
Pembury Waterworks	3.01		10.4
Maidstone Waterworks (Barming) ..	4.19		14.1
Maidstone (College Road)	3.00		11.1
Maidstone (Mill Street) ..	3.14		11.5
Maidstone (Brenchley Gardens)	3.37		12.3
Maidstone (Boxley Road)	3.85		—
Maidstone (Allington Lock)	3.00		11.5
Maidstone Waterworks (Boxley)	4.22		15.0
Isle of Grain	3.18		13.5

July 18

<i>Dorset</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Evershot (Melbury House)	4.90		11.4
Crewkerne (Chedington)	3.30		8.0
Ryme Intrinsica (The Court House) .	3.52		10.7
Portland Bill Lighthouse	4.91		15.0
Portland (Secondary Modern Sch.) ..	3.86		12.0
Weymouth (Westham)	7.15		20.7
Chickerell (Lower Putton)	6.43		19.7
Abbotsbury (West Street)	6.71		17.6
Martinstown (The Chantry)	11.00		—
Upwey (Friar Waddon)	9.50		22.5
Upwey (Higher Well)	9.00		22.3
Upwey (Elwell)	8.31		20.2
Warmwell	6.66		16.6
Litton Cheney (Primary School)	7.32		—
Burton Bradstock (White House) ...	4.89		15.0
Dorchester (Queen's Avenue)	7.50		18.1
Dorchester (Waterworks)	7.20		16.3
Dorchester (Stinsford)	5.11		12.8
Dorchester (Birkin House)	5.11		12.7
Lyme Regis (Penard)	3.62		10.5
Bridport (Island View)	4.65		12.7
Bridport (Morecombelake)	4.45		12.1
Wynford House	7.90		17.0
Beaminster (East Street)	4.53		11.4
Minterne	4.60		12.1
Glanvilles Wootton (Manor House) .	4.25		12.4

<i>Dorset—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Holwell (Little Westrow)	3.10		9.0
Childe-Okeford Manor	3.30		10.0

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Bovey Tracey (Yarner Wood)	3.50		7.0
Beer (Windyridge)	3.40		10.2
Seaton (Marlpit Lane)	3.22		9.6
Seaton (Millmead)	3.41		10.8
Lyme Regis (Pinhay)	3.10		8.5
Colyton (Colyford)	3.25		9.4

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Felindre (Lower Lliw Reservoir) ...	3.29		5.7
Neath (Cimla Reservoir)	3.58		6.8
Neath (Gnoll Reservoir)	3.59		7.2

August was generally very dry, but thunderstorms occurred on the 13th at Sittingbourne, Kent, and at Annaghanoon in Co. Down (see Section 6).

August 13

<i>Kent</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Canterbury (Sewage Works)	2.24		8.7
Ash (Corking Farm)	2.09		8.4
Sittingbourne	3.67		11.5
Milton Regis (Sewage Works)	1.95		7.8
Headcorn (Great Tong)	2.61		9.5

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Burnham (Fisheries Laboratory)	2.00		9.6

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Sudbury (Waterworks)	1.82		8.1

<i>Lancashire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Widnes (Catherine Street)	2.13		8.2

<i>Down</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Annaghanoon	3.44		—

August 14

<i>Sussex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Chidham (Chidmere)	2.75		10.0

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Coddenham (Shrubland Park)	2.22		9.1
Ipswich (Daleacre)	3.02		12.9
Kettleburgh (Home Farm)	3.29		12.9
Framlingham (Sewage Works)	3.50		13.7

August 21

<i>Sussex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Bosham (Cobnor)	3.34		11.2

Heavy falls during *September* were recorded on the 10th and 22nd. Of the 28 entries qualifying for inclusion only those reaching or exceeding 2 inches are set out below.

September 10

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ardgour (Inversanda)	2.91		3.5

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Loch Hourn (Kinlochourn)	2.54		3.0
Skye (Glenbrittle)	4.76		6.5
Skye (Grula)	4.16		5.5
Skye (Tallisker)	3.70		6.6
Skye (Loch Harport, Carbest)	3.71		5.0
Skye (Portree)	2.60		4.6
Skye (Loch Leathan)	2.72		4.1

September 22

<i>Kent</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Chatham (Nashenden Pumping Stn.)	2.08		7.8
Sevenoaks (Cramptons Road P.S.) ..	2.06		8.1
Seal (Kemsing Pumping Station)	2.39		9.0

<i>Sussex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Brighton (Ovingdean)	2.05		7.5
Brighton (Old Steyne)	2.00		8.7
Brighton W.W. (Lewes Road)	2.04		8.4
Brighton W.W. (Mile Oak)	2.23		8.6
Brighton W.W. (Race Hill Res.)	2.46		8.4
Brighton W.W. (Falmer)	2.35		8.1
Hassocks (Newtimber Place)	2.14		8.0
Plimpton (School of Agriculture) ...	2.38		7.7

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Horndon (Eastern Sewage Works) ..	2.31		10.6

Entries for *October* were confined to the 18th to 21st and to stations in the south of England and Wales. On the 18th a depression deepened as it moved southward from Iceland, being centred over Ireland by midday on the 19th and over the northern North Sea by midday on the 20th. Rainfall was widespread over the British Isles. A cold front associated with the main depression moved slowly across the country on the 20th, accompanied by only occasional rain, but later an active depression developed and remained in the neighbourhood of the southern North Sea until the 23rd. The entries in the Chronicle for the 18th, 19th and 21st are mainly in southern England, and those of the 21st mainly in south-east England and East Anglia. Of the 86 falls for the 19th, and the 180 falls for the 21st qualifying for inclusion, only those reaching or exceeding 2.25 inches are given.

October 18

<i>Hampshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Everton (Efford)	2.46		8.3
Lymington (Waterford)	2.54		8.0
Lymington	2.50		7.4
Exbury	2.61		8.6

<i>Dorset</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Portland Bill Lighthouse	2.56		7.8
Swanage	2.23		7.7
Creech Grange	2.53		7.0
Wareham (Trigon)	2.51		7.6
Poole	2.43		8.1
Poole (Pitwines Gasworks)	2.50		8.3
Lytchett Matravers (Kit Robins)	2.90		8.8

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Stoke Fleming (Windward)	2.75		7.8

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Great Langdale (Long House)	2.67		3.3

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhondda W.W. (Llyn Fawr Res.) ...	2.68		3.1
Treherbert Park	2.70		3.4
Treherbert (Tyn-y-waun)	2.70		3.2

October 19

<i>Hampshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hurn (Bournemouth Airport)	2.34		7.9
Bartley Nurseries	2.65		8.0
Winchester (Recreation Ground)	2.70		9.1
Winchester (Romsey Road W.W.) ..	2.32		8.2
Winchester (Bereweke Road)	2.54		8.7
Winchester (Harestock)	2.41		8.4
Itchen Abbas (Chilland)	2.56		8.8
Itchen Abbas (Barn Close)	2.27		7.6
Ellisfield Manor	3.69		11.8
Alton (Lasham Pumping Station) ...	2.31		7.7
Basingstoke (Upton Grey House) ...	2.32		8.4
Hook (Nately Hatch)	2.70		10.2
Hook (Fruit Farm)	2.59		11.8
Hartley Wintney (Sewage Works) ...	2.46		10.1
Blackbushe Airport	2.39		9.9

<i>Middlesex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Edgware (Francklyn Gardens)	2.50		10.8

<i>Hertfordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Boreham Wood (Furzehill Road) ...	2.43		10.0

October 21

<i>Surrey</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Limpsfield (Paines Hill)	2.54		9.3

<i>Kent</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Dymchurch (Slieve Truim)	2.36		9.1
Hythe	2.69		9.8
Hythe (Sandling Park)	2.84		8.9
Bonnington Rectory	2.30		9.5
Saltwood (Cylinder)	2.73		9.0
Folkestone (The Leas)	2.66		10.1
Folkestone (Cherry Garden)	2.56		8.5
Alkham Valley (Lower Standen)	2.77		9.4
Dover (Waterloo Crescent)	3.39		11.7
Dover (Waterworks)	3.35		12.9
Dover (Buckland)	3.06		9.9
Dover (Royal Military School)	3.38		10.3
Lyminge (Skeete Pumping Station) ..	3.06		10.2
Elham (Ottinge)	2.75		8.2
Ashford (Gasworks)	3.75		12.7

<i>Kent—continued</i>	<i>in.</i>	<i>or %</i>
Ashford	2.94	10.0
Ashford (Albert Road)	3.66	12.0
Ashford (Belmore)	3.23	11.1
Hastingleigh (Elmsted)	2.67	7.6
Dover (Martin Hill Pumping Stn.) ..	2.94	9.9
Wye (S.E. Agricultural College)	2.78	9.2
Waldershare Park Gardens	2.60	9.0
Charing (Egerton)	3.00	11.1
Charing (Pett Place)	2.56	8.5
Deal & Walmer Waterworks	3.33	12.8
Sandwich (Loop Street)	3.20	11.4
Ramsgate (Minster)	2.59	9.6
Ramsgate (East Cliff)	4.35	15.7
Broadstairs (Grange Road)	2.97	12.9
Broadstairs (Stone House)	2.80	11.6
Broadstairs	3.96	16.2
Margate	3.03	14.7
Ospringle (Lorenden)	2.34	8.5
Headcorn (Great Tong)	3.01	11.0
Hildenborough (Gailes)	2.63	9.8
Lenham (Lenham Court)	2.74	8.7
Langley (Rumwood Court)	3.45	11.4
Maidstone Waterworks (Barming) ..	3.30	11.1
Maidstone (College Road)	2.99	11.1
Maidstone (Mill Street)	2.68	9.8
Bearsted (Thurnham Pumping Stn.) ..	2.75	8.8
Maidstone (Brenchley Gardens)	2.60	9.5
West Malling Airfield	2.34	9.2
Maidstone W.W. (Hockers La. P.S.) ..	2.68	9.8
Maidstone (Boxley Road)	2.51	—
Isle of Grain	2.27	9.6
Sundridge (Pumping Station)	2.30	8.7
Sevenoaks (Oak Lane)	2.57	8.7
<i>Sussex</i>		
Hurst Green (Bellhurst Farm)	2.50	7.6
<i>Essex</i>		
Ardleigh (Hull Farm)	2.41	11.3
Ardleigh (Chancery Farm)	2.27	11.9
Dedham	2.40	11.1
Manningtree (Lawford Place)	2.31	11.0
<i>Suffolk</i>		
East Bergholt (Flatford Mill)	2.41	11.9
Felixstowe	2.37	12.8
Orford (Butley Abbey Farm)	2.49	11.2
Grundisburgh (Bridge House)	2.26	9.5
Orford (Sudbourne Park)	2.75	10.4
Aldeburgh (Haven Sluice)	2.96	13.3
Campsea Ashe	2.34	10.0
Kettleburgh (Home Farm)	2.60	10.1
Blaxhall	2.54	10.7
Aldeburgh (Iken Way)	2.63	11.5
Wrentham (Covehithe)	2.39	12.5
Lowestoft (Secondary School)	2.25	12.2
Herringfleet House	2.37	11.4
Lound (Pumping Station)	2.25	12.0
Fritton Warren	2.41	13.2
Fritton Hall	2.36	10.9

<i>Norfolk</i>	<i>in.</i>	<i>or %</i>
Beccles (Raveningham Hall)	2.51	13.3

Few daily falls qualified for inclusion in this Section during *November* and *December*. Seven falls which reached or exceeded 7.5 per cent of the annual total for December 9 in Fife, Perthshire and Angus have been omitted.

November 2

<i>Devonshire</i>	<i>in.</i>	<i>or %</i>
South Brent (Badworthy)	2.57	4.0
South Brent (Bala Brook)	2.81	3.9
Princetown (H.M. Prison)	2.90	4.0

November 10

<i>Devonshire</i>		
Princetown (H.M. Prison)	2.60	3.6

December 6

<i>Renfrewshire</i>		
Calder Water (Barytes Mine)	2.51	3.5
<i>Dunbartonshire</i>		
Loch Sloy (Sloy Dam)	3.07	3.3

December 9

<i>Westmorland</i>		
Great Langdale (Long House)	2.55	3.1
<i>Buteshire</i>		
Rothsay (Dhu Loch Waterworks) ..	3.15	7.0

December 14

<i>Westmorland</i>		
Patterdale Hall	2.53	3.8
<i>Perthshire</i>		
Strathyre	2.90	5.0

December 25

<i>Argyllshire</i>		
Conaglen	2.69	3.6

December 26

<i>Westmorland</i>		
Patterdale (Greenside Mine)	4.86	7.0

December 27

<i>Cumberland</i>		
Borrowdale (The Moraine)	2.78	3.7
Watendlath Farm	2.60	4.0
<i>Westmorland</i>		
Great Langdale (Long House)	2.84	3.5
<i>Dunbartonshire</i>		
Loch Sloy (Sloy Power Station)	3.13	3.9
Loch Sloy (Sloy Dam)	2.86	3.1
<i>Argyllshire</i>		
Glen Fyne Lodge	2.66	3.2
<i>Inverness-shire</i>		
Loch Quoich (Glenquoich)	3.69	4.3

8 Monthly Rainfall in 1955

Information on the rainfall of the months of 1955 over Great Britain and Northern Ireland is set out in this section in various forms:

(1) Table 8A gives general values of the monthly and annual rainfall over the constituent areas separately.

(2) Details are given of some of the largest and smallest monthly totals of rainfall reported during 1955.

(3) In Table 8C the monthly and annual totals of rainfall are set out for 334 stations,

distributed as evenly as possible over the country.

(4) Table 8D gives the monthly and annual falls expressed as percentages of the averages for 1881 to 1915. It is confined to 123 of the stations for which averages are available. The monthly totals, in inches, for stations in 8D are given in Table 8C. At the end of Table 8D general monthly percentage values are given for England, Wales, England and Wales, Scotland and Northern Ireland.

Table 8A. General Rainfall for 1955, computed from the average, 1881–1915, by applying the general percentage values given in Tables 8D and 10B to the General Average Values.

Months				England	Wales	Isle of Man	England and Wales	Scotland	Northern Ireland
				in.	in.	in.	in.	in.	in.
January	..	..	..	3.2	4.5	5.2	3.4	3.5	4.3
February	..	..	..	2.5	2.9	4.1	2.6	3.6	3.7
March	..	..	..	2.1	2.8	2.5	2.2	2.0	1.1
April	..	..	..	1.1	3.1	3.2	1.4	2.4	2.6
May	..	..	..	3.9	5.3	3.0	4.0	3.4	3.2
June	..	..	..	3.0	6.1	5.0	3.5	2.5	4.4
July	..	..	..	1.0	1.0	2.7	1.0	1.4	1.7
August	..	..	..	1.1	1.5	2.6	1.2	1.3	1.1
September	..	..	..	1.9	2.8	2.9	2.0	4.6	4.2
October	..	..	..	2.9	3.3	3.3	3.0	5.3	3.1
November	..	..	..	2.2	3.9	2.4	2.4	2.6	2.5
December	..	..	..	3.8	6.9	6.4	4.2	8.4	4.9
Year	..	..	..	28.7	44.1	43.3	30.9	41.0	36.8

Table 8B. General Monthly and Annual Averages of Rainfall 1881-1915

Months				England	Wales	Isle of Man	England and Wales	Scotland	Northern Ireland
				in.	in.	in.	in.	in.	in.
January	..	..	..	2.69	4.72	3.40	2.99	4.90	3.33
February	..	..	..	2.34	3.94	3.25	2.57	4.18	2.98
March	..	..	..	2.47	3.82	3.03	2.67	4.05	3.05
April	..	..	..	1.98	2.96	2.47	2.12	2.99	2.58
May	..	..	..	2.19	2.95	2.82	2.30	3.01	2.70
June	..	..	..	2.33	3.05	2.54	2.44	2.83	2.86
July	..	..	..	2.75	3.60	3.22	2.87	3.78	3.41
August	..	..	..	3.11	4.71	4.01	3.35	4.51	4.16
September	..	..	..	2.37	3.51	3.22	2.54	4.00	3.01
October	..	..	..	3.69	5.63	4.64	3.97	4.90	3.61
November	..	..	..	3.19	5.25	4.73	3.49	5.29	3.81
December	..	..	..	3.56	6.00	4.97	3.92	5.88	4.16
Year	..	..	..	32.67	50.14	42.30	35.23	50.32	39.66

(5) A set of twelve maps showing the distribution of the percentage monthly values given in Table 8D is reproduced in this article. The corresponding percentage map for the whole year appears as a frontispiece to the volume.

A set of twelve maps showing the distribution of the actual rainfall in each month has been prepared on the scale of 16 miles to the inch, based on the values from some 2,500 stations. Copies of these maps on a reduced scale have been included in the corresponding numbers of the Monthly Weather Report.

In Table 8B the average values, taken from the Book of Normals, Table 21A (M.O.236, Section V), are given for comparison with the values for 1955 given in Table 8A. The values for Northern Ireland have been evaluated more recently in the same manner as was adopted previously for the other areas.

General Monthly Rainfall

The general monthly values shown in Table 8A have been computed by applying the percentage values given at the end of Table 8D to the average general values for the period 1881-1915. These computed values in inches have been subsequently slightly adjusted in order that the totals for the year should agree with the totals given in Table 10A, which are based on a more exact determination as explained in the text accompanying that table. The wettest month of the year was May over England, but December was the wettest month over the other divisions of the country. The driest month was July over England and Wales, November over the Isle of Man and August over Scotland. August and March were equally dry months over Northern Ireland.

The total rainfall during the first four months of 1955 was below the average, especially in Scotland. Rainfall in May and

June was above average in all divisions, markedly so in Wales but only slightly in Scotland. The rainfall of July and August totalled only 2·2 inches in England and Wales and 2·7 inches in Scotland, in both cases less than in any similar period of any year since 1870. September, October and November

together showed a deficit in all divisions, particularly in Wales, where it amounted to 4·4 inches, while December brought generally more than the average, the excess over Scotland reaching 2·5 inches, more than in any December apart from those of 1876, 1900, 1914, 1915, 1929 and 1949.

Extremes of Monthly Rainfall at Individual Stations

(a) *Monthly Totals.*—The largest monthly total reported in England was 23·25 inches in December at Sprinkling Tarn (Cumberland). In Wales, at Snowdon (Crib Goch), 21·90 inches was reported in December. The largest total for Scotland was 22·78 inches recorded in December at Loch Sloy (Beinn Ime South) and the largest for Northern Ireland 8·30 inches in October at Slieve Lamagan in the Mourne Mountains.

No measurable rain occurred in July at Bury St. Edmunds, Suffolk, and at Camborne and St. Agnes (Church Town) in Cornwall, and only ·01 inch was measured for the month at a number of stations in East Anglia, the south and east Midlands and in the south-west of Cornwall. The smallest total for Wales was ·14 inch recorded in July at Maenclochog (Ddolwen Bridge), Pembrokeshire. July was

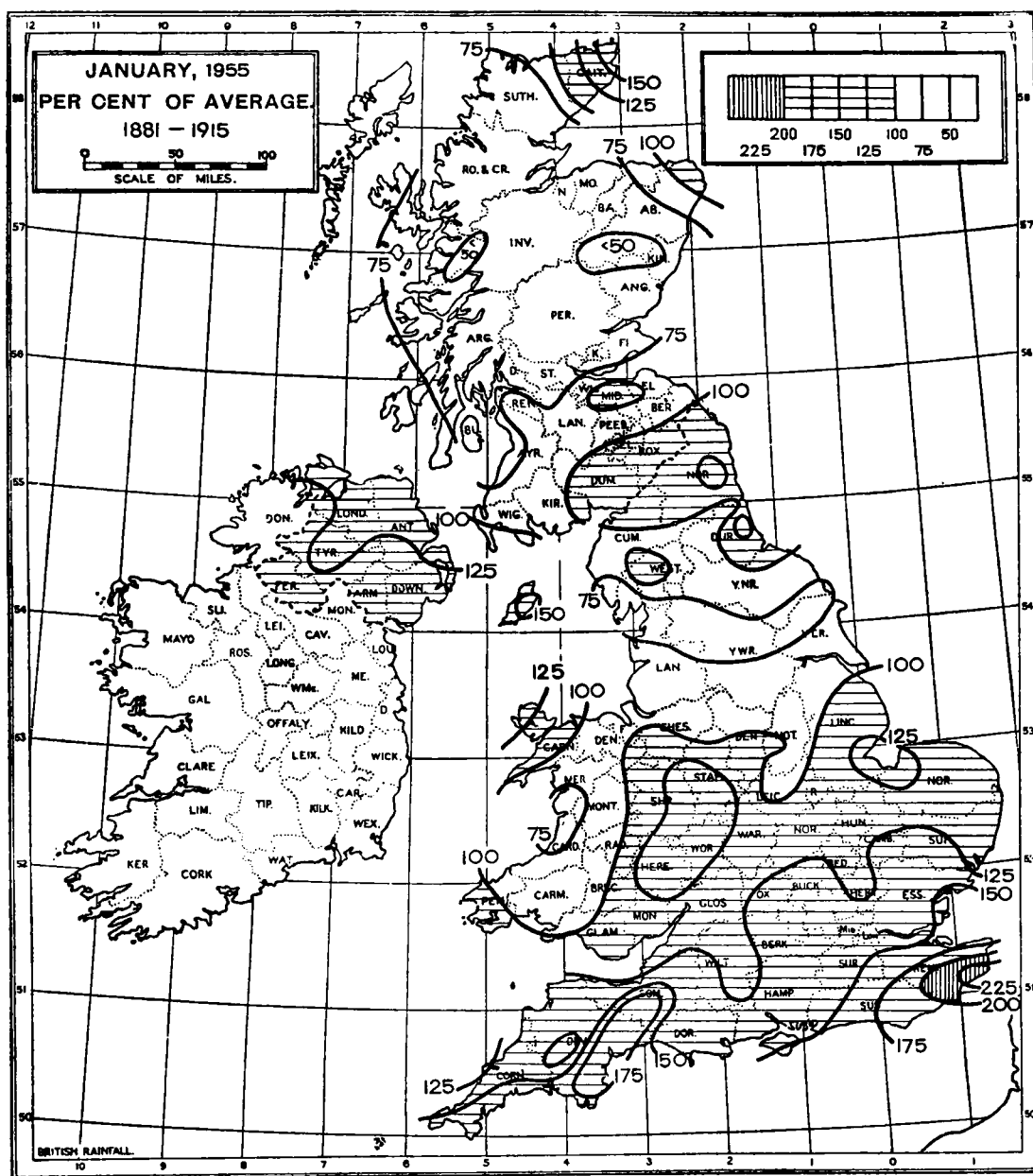
also the month with the smallest totals in Scotland and Northern Ireland; ·07 inch was reported at Kinnaird House, Aberdeenshire, and ·19 inch at Larne (Sallagh Springs) in County Antrim.

(b) *Monthly percentage values.*—Areas with more than three times the average appear on the percentage maps for May and July, and, in addition, more than 200 per cent occurred in January and June. Among the largest percentage values in Table 8D are 290 at Southend, 285 at Dover, 283 at Edenbridge and 275 at Hatfield Broad Oak in Essex, all in May. On the other hand, areas with less than 10 per cent of the average are shown for June, July and August, while no measurable rain at all was recorded in small areas of Suffolk and south-west Cornwall during July.

The Rainfall and Weather of the Individual Months

In the following pages maps are given showing the distribution of the rainfall each month expressed as percentage of average, together with a short account of the weather. Further details are given

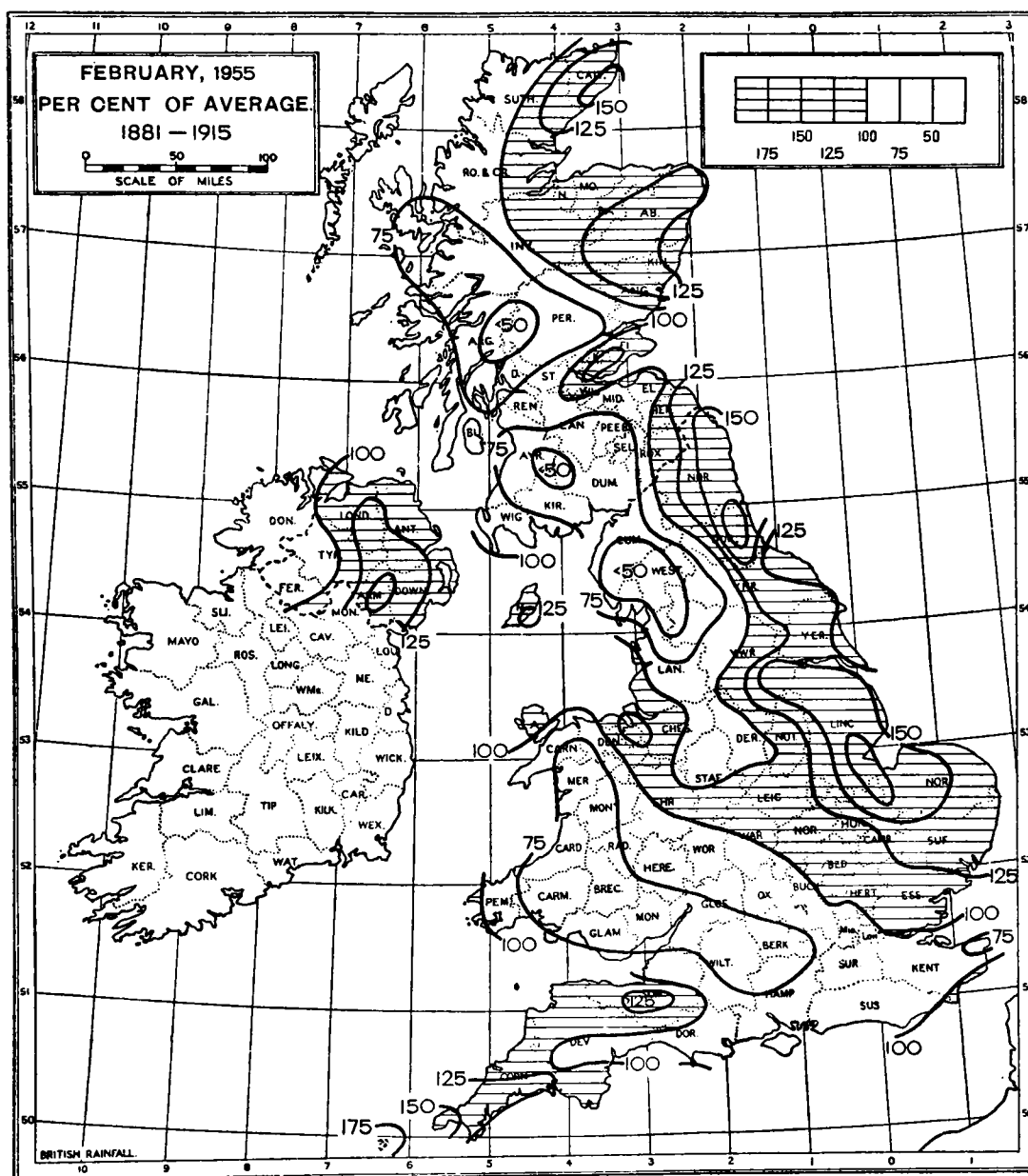
in the *Monthly Weather Report*, which also includes maps of the distribution of rainfall amounts and of mean pressure and the movements of the centres of the main depressions.



Rainfall, January 1955, as per cent of average

January was cold during the first three weeks and precipitation was often in the form of snow. A vigorous trough of low pressure moving northwards on the 4th brought prolonged snowfall to most of England and Wales. A few days' cloudy, relatively mild weather was followed by a return to much colder weather again on the 10th, with a break through of polar air from the north. The change was preceded by widespread rain.

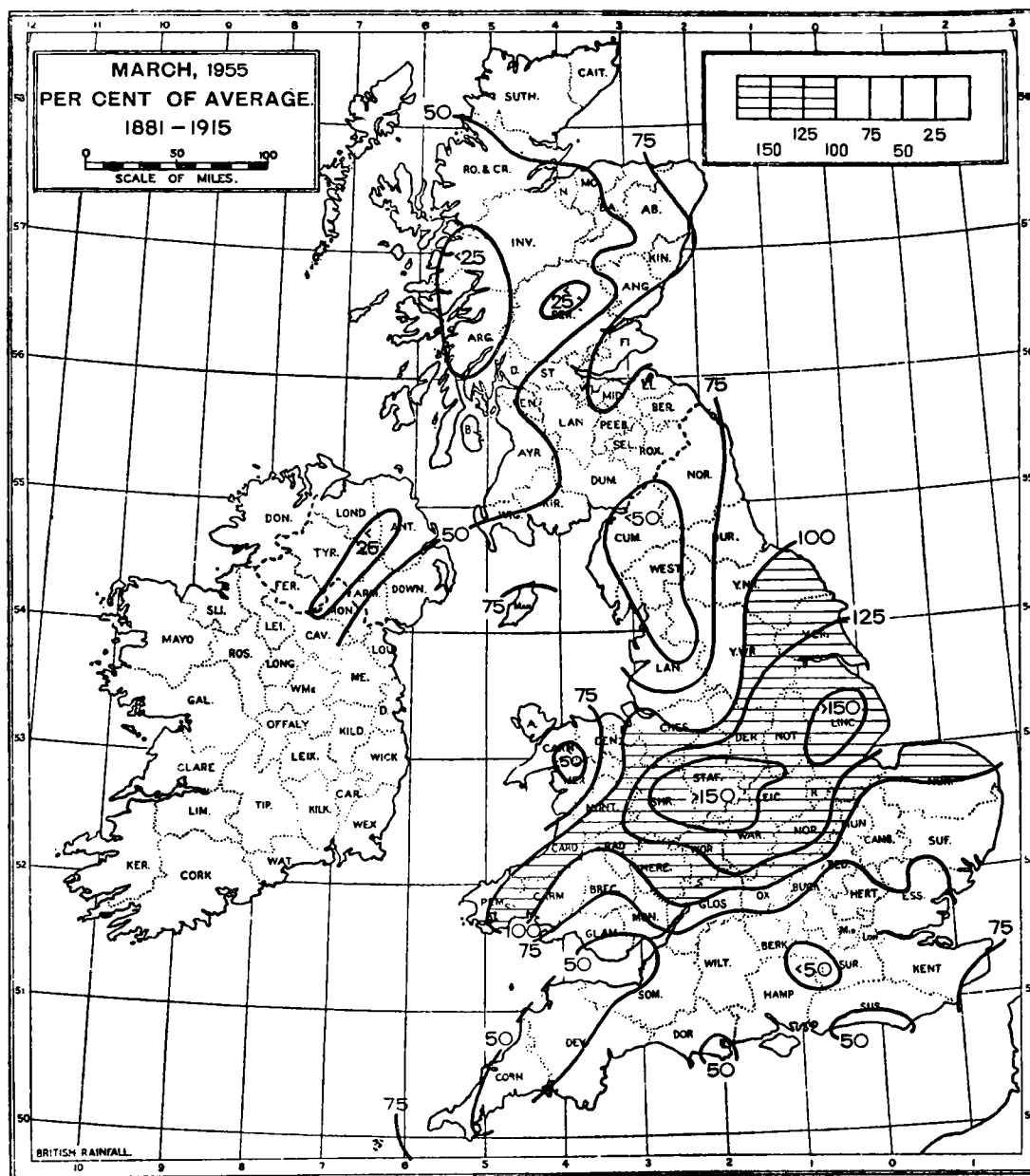
heavy in the west. A belt of snow crossed southern England on the night of the 13th, whilst a depression moving eastwards across the same area on the 16th brought rain and snow to England, Wales and Northern Ireland. Meanwhile frequent snow showers in the polar airstream affected Scotland, and many villages in the north, including Orkney and Shetland, were isolated by severe drifts.



Rainfall, February 1955, as per cent of average

February. Depressions moved eastwards over Wales and southern England during the first few days of the month, bringing considerable rain to south-west England; otherwise weather was mild and sunny until the establishment of a cold northerly airstream over all areas on the 8th and 9th. This brought bright periods and snow showers to most areas, the showers being prolonged and frequent in east Scotland and north-east England, where gale-force winds caused severe

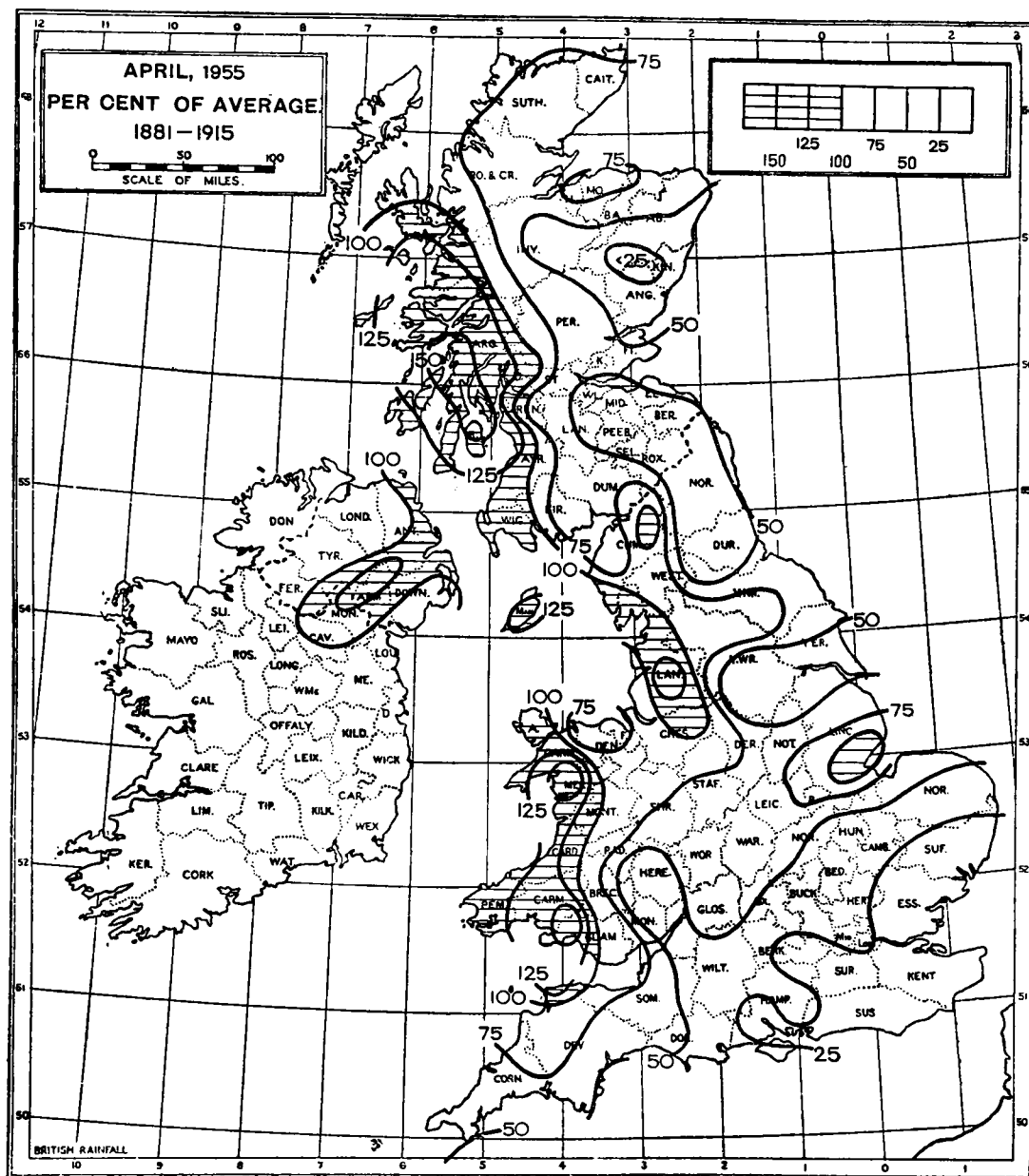
drifting. A shallow depression developed over the British Isles on the 18th, bringing very heavy snow to Scotland. Troughs of low pressure along the English Channel brought frequent outbreaks of snow and rain to southern districts—Cornwall had 16 hours continuous snow on the 23rd. Rain, accompanied by gale-force winds and a subsequent thaw, spread in from the Atlantic on the 27th giving over 5 inches of rain in places in west Scotland for the 28th.



Rainfall, March 1955, as per cent of average

March. An active trough of low pressure affected north and north-west districts on the 1st and 2nd, with floods in the Clyde area. The establishment of northerly winds over the British Isles brought snow showers to eastern districts, prolonged in East Anglia and Kent. With a veer of wind to the north-east, slight snow showers spread across the country. The return of very cold arctic air on the 16th brought renewed sleet or snow showers to all

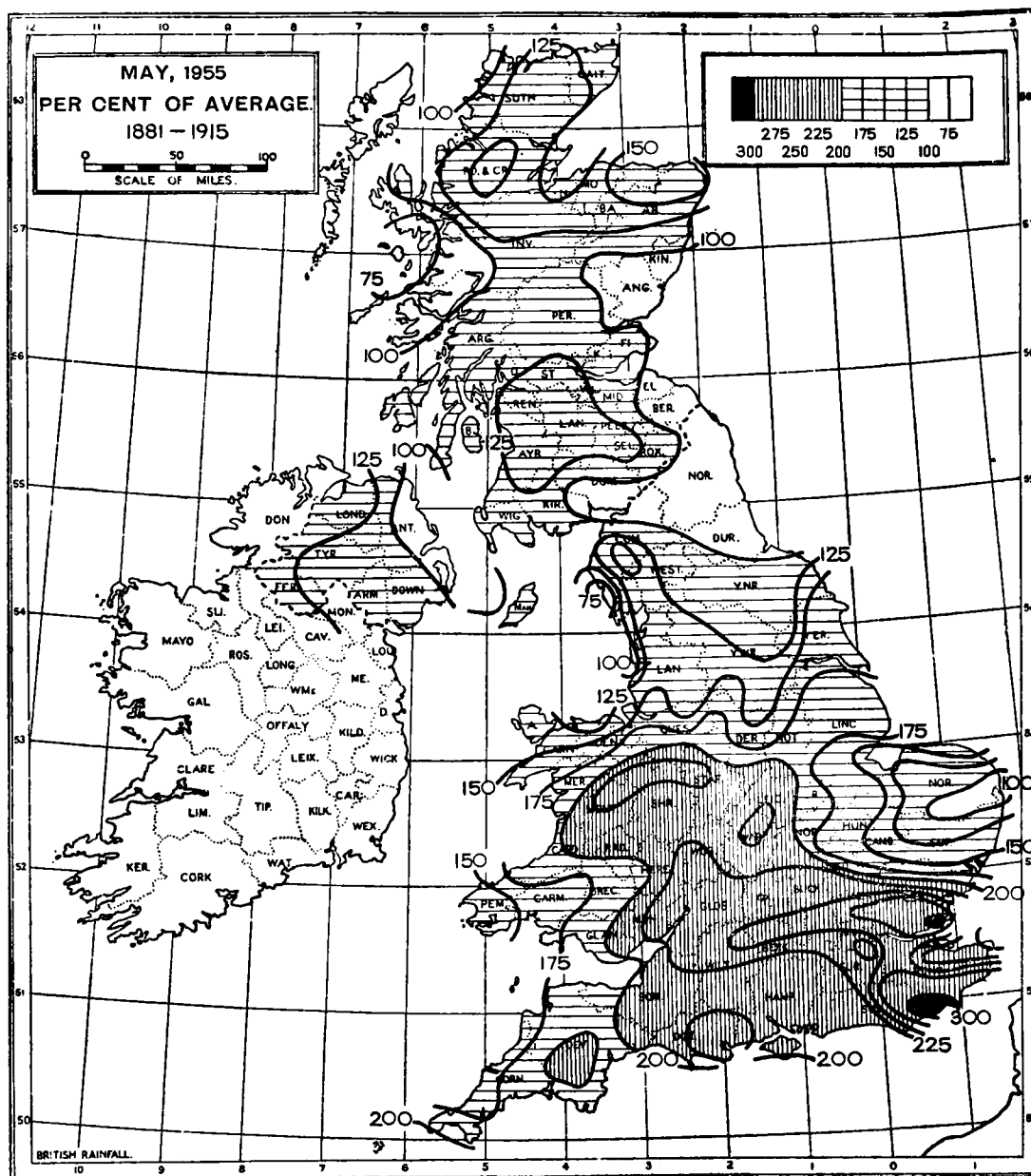
areas, and a polar depression crossing Scotland on the 20th brought snow to southern Scotland and the Lake District. Depressions moved up the Irish Sea and across northern England on the 23rd and 24th, bringing moderate falls of rain to Wales, northern England and southern Scotland. Heavy thunderstorms occurred over a wide area on the 25th and 26th, resulting in serious flooding over the Midlands and in the Severn Valley.



Rainfall, April 1955, as per cent of average

April. Heavy rain occurred in south-west England on the 3rd, with scattered thunderstorms in the north, and there was also heavy rain in Scotland on the 7th. An anticyclone centred south-west of the British Isles started to intensify and move north-east on the 11th and was centred over the country by the 14th, remaining thereabouts until the 20th, with dry sunny weather in most districts. A slight westward movement of the anticyclone brought

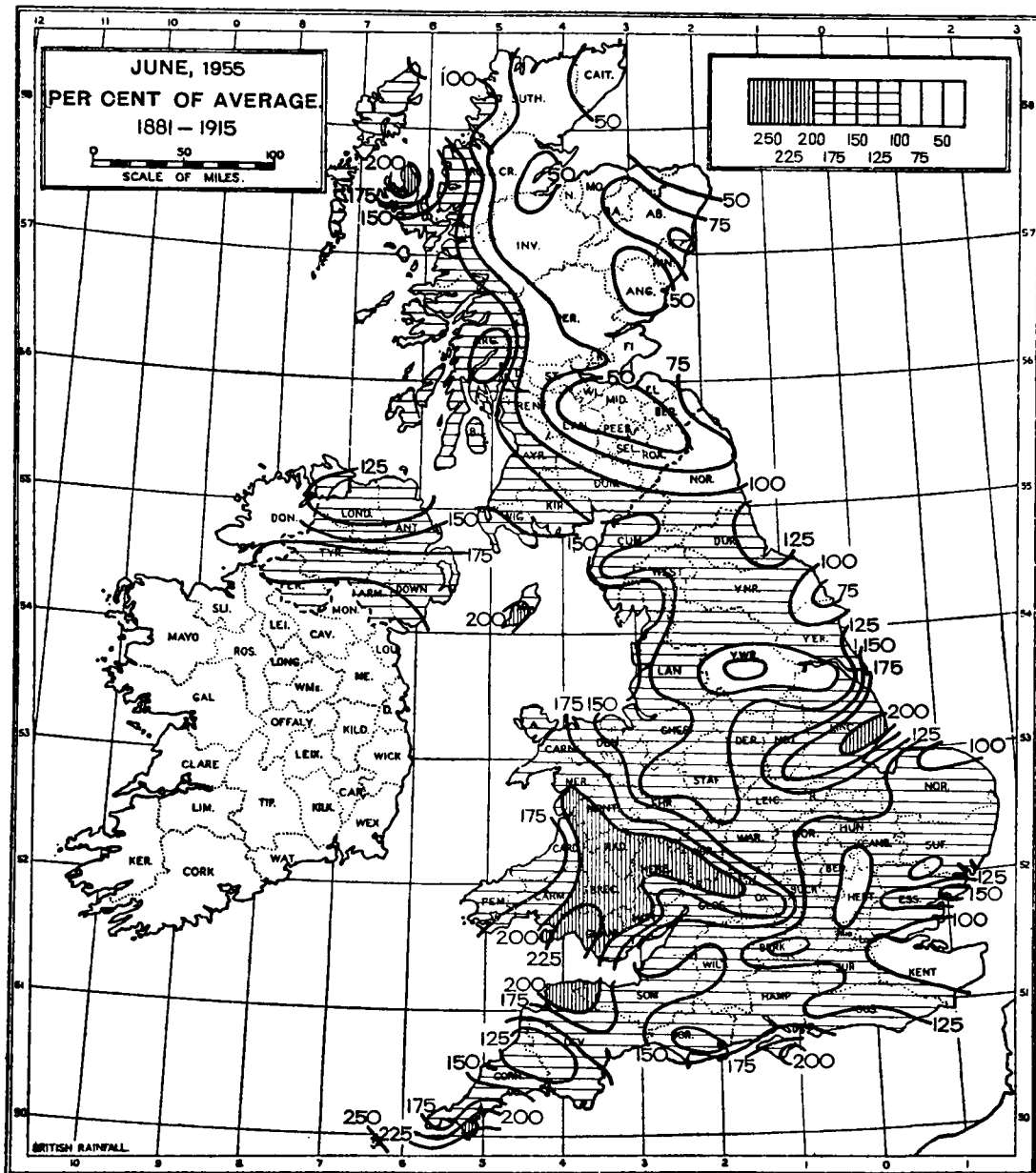
colder air to eastern districts on the 21st and snow showers occurred in the Shetlands. The collapse of the anticyclone on the 23rd brought a more unsettled westerly type of weather with an end to the drought in south-east England, although rainfall was only slight in this area. A vigorous trough of low pressure moving eastward on the 27th brought widespread rain, which was especially heavy in north Wales.



Rainfall, May 1955, as per cent of average

May. A depression moving eastwards across Northern Ireland and southern Scotland on the 1st brought widespread rain, with scattered thunderstorms, to many areas. Heavy rain occurred on the 3rd in western Scotland, whilst a depression moving in from the Atlantic on the 6th brought thunderstorms to south-west England and widespread heavy rain to much of southern England and East Anglia. Heavy rain, particularly in western districts, and thunderstorms in south-east

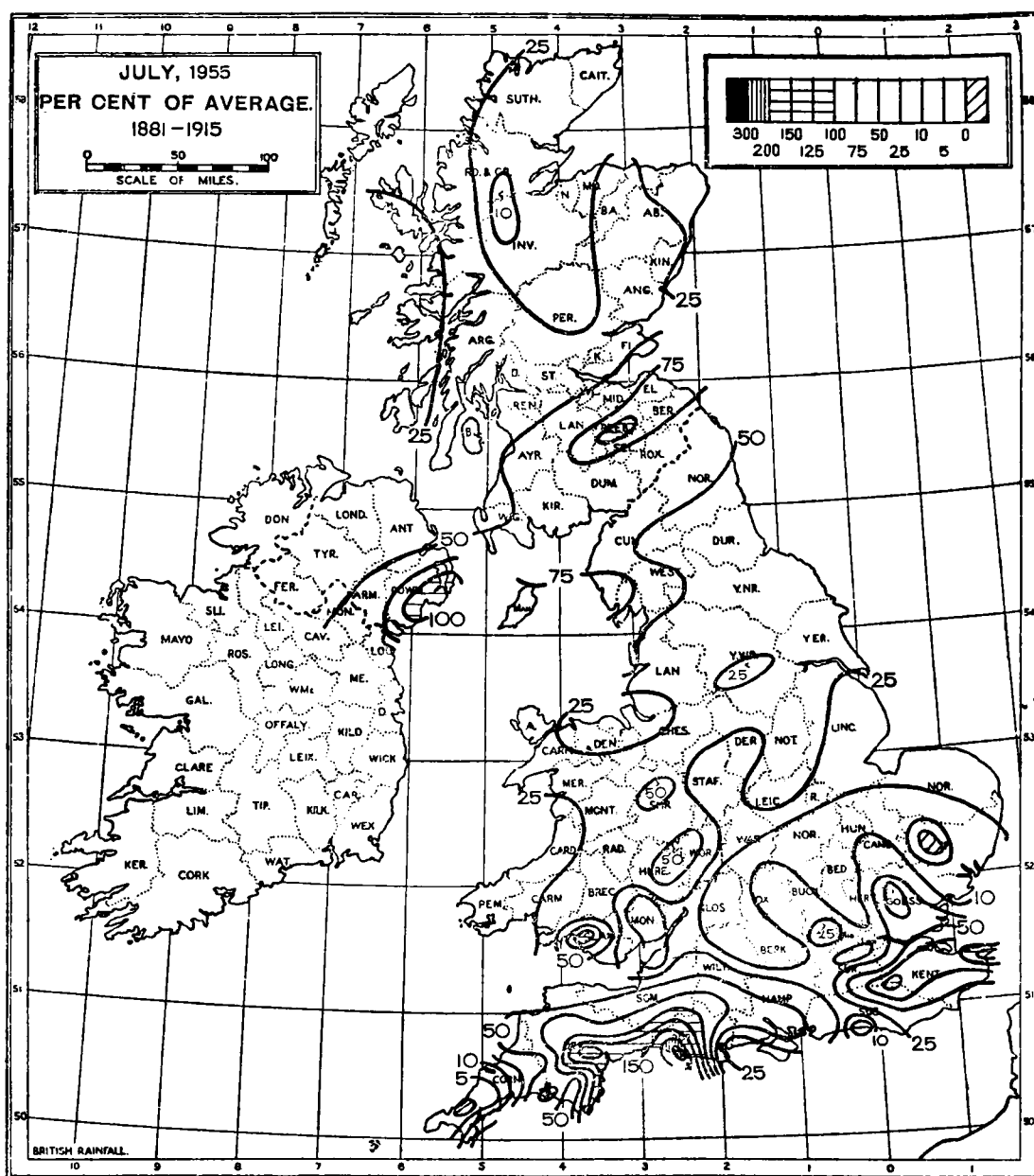
England on the 9th, preceded an influx of very cold air from the north on the 10th. Snow and sleet showers with isolated thunderstorms occurred in the cold air and became widespread on the 14th and 15th. A depression moving east over southern England on the 16th and 17th gave widespread rain over southern and eastern England. In the rear of this depression the rain turned to snow as far south as the London area and parts of the Channel coast.



Rainfall, June 1955, as per cent of average

June. The fine weather of late May continued into June, but a depression moving northwards from the Bay of Biscay on the 3rd gave widespread and heavy rainfall, particularly in the west. Thundery conditions developed behind the rain-belt and scattered thunderstorms and outbreaks of heavy rain occurred for the next few days. On the 9th and 10th an active trough accompanied by widespread rain came south across the country

followed by an intensifying cold, but short-lived, north-easterly airstream. On the 12th a depression from the Atlantic moved east across northern England giving heavy rain in many places, with thunderstorms in eastern districts, followed later by thundery rains in the south-west on the 18th. A shallow depression moving north from France brought some rain to most of England and Wales on the 19th.



Rainfall, July 1955, as per cent of average

July. A depression moved eastwards over the British Isles on the 1st and brought widespread rain with scattered thunderstorms. A secondary depression brought heavy rain to western districts on the night of the 2nd, several stations reporting $1\frac{1}{2}$ inch in under 12 hours. By the 4th anticyclonic conditions had become established and persisted until the end of the month, although interrupted between the 11th and 18th, particularly on the 14th and 18th, by heavy thunderstorms. On the 18th,

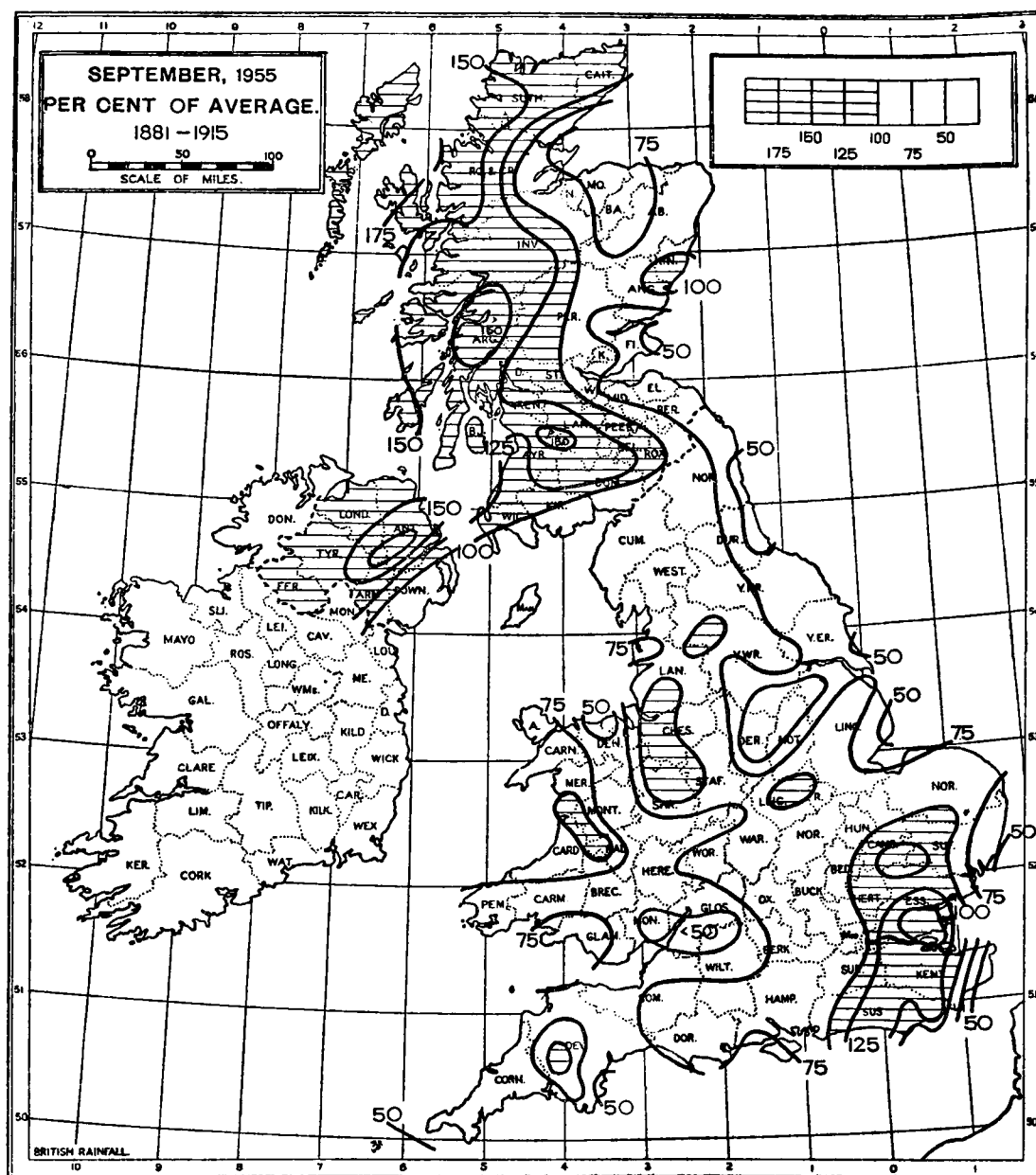
thunderly rains were widespread over Dorset and 11.0 inches of rain fell at Martinstown in 24 hours (see Section 7). In spite of these heavy local falls, July as a whole was a dry month. Over England and Wales July has been drier on only four occasions since 1869, viz., in 1935, 1911, 1898 and 1885, with 29, 23, 34 and 35 per cent of average respectively. Only the July of 1913 was drier over Scotland, with 25 per cent.



Rainfall, August 1955, as per cent of average

August. In the early part of the month depressions moved eastwards well to the north of the British Isles. Associated troughs moved east over the country but were generally weak, except for one on the 2nd and 3rd, which gave moderate rain in Northern Ireland, north-east England and East Anglia. Anticyclonic weather followed but from the 10th to about the 20th thunderstorms developed, particularly on the 12th and 13th and on the

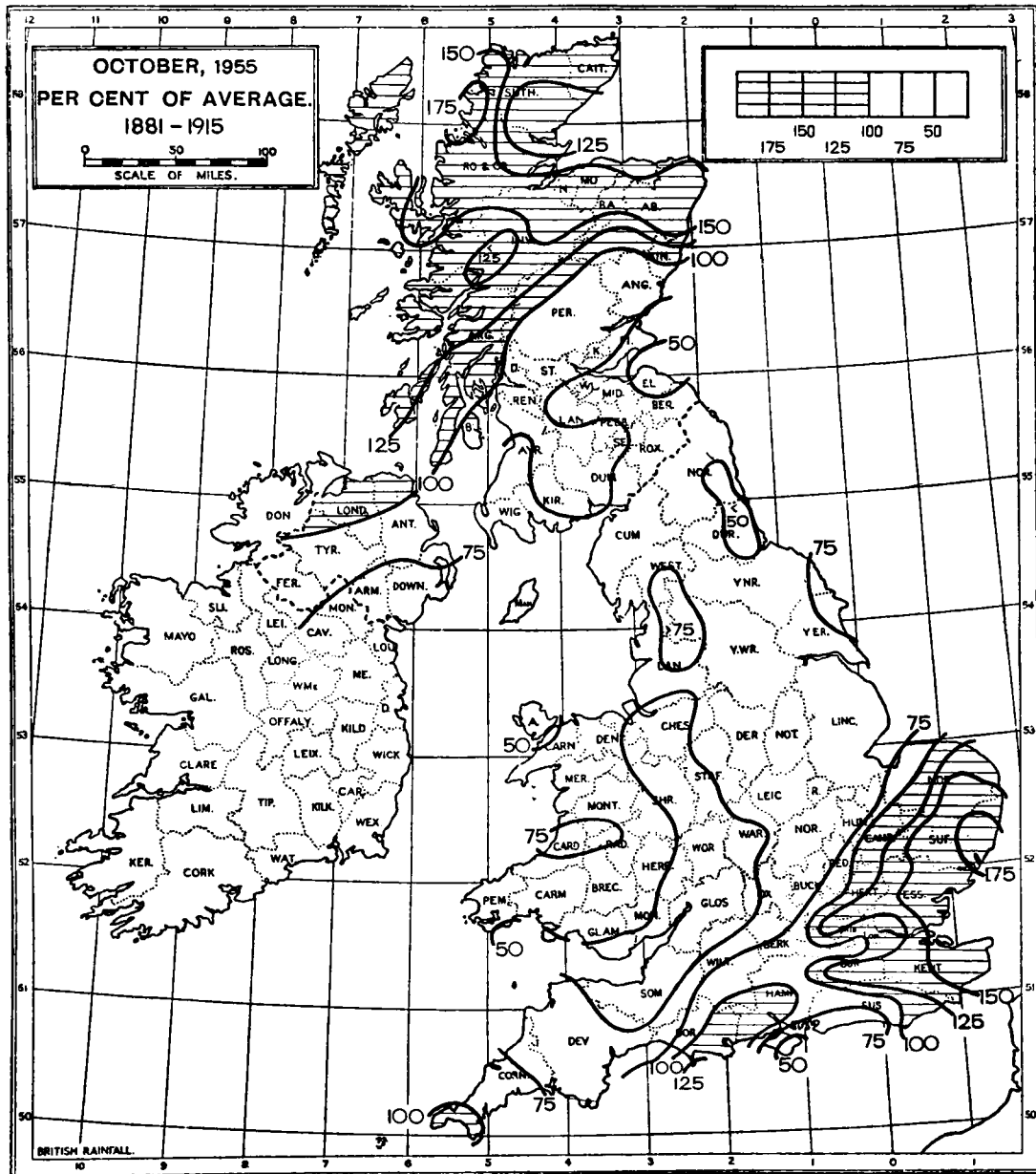
17th and 18th. Anticyclonic weather returned on the 19th and persisted in most areas until the end of the month, although rain advanced from the Atlantic to affect much of the north-west on the 30th and 31st. Over England and Wales the only drier Augusts were those of 1940 and 1947, with 19 and 17 per cent of average; over Scotland only those of 1947 and 1880 were drier, with 4 and 23 per cent respectively.



Rainfall, September 1955, as per cent of average

September. An unsettled westerly type of weather prevailed for the first five days of the month, but rainfall was generally slight except in the north-west. A vigorous trough crossed most areas on the 5th, giving heavy rain in places and thunderstorms over East Anglia and the London area. Fine warm weather followed, but showers started to develop on the 8th and became widespread with scattered thunderstorms on the 13th and 14th. Showers gradually died out as an anticyclone moved

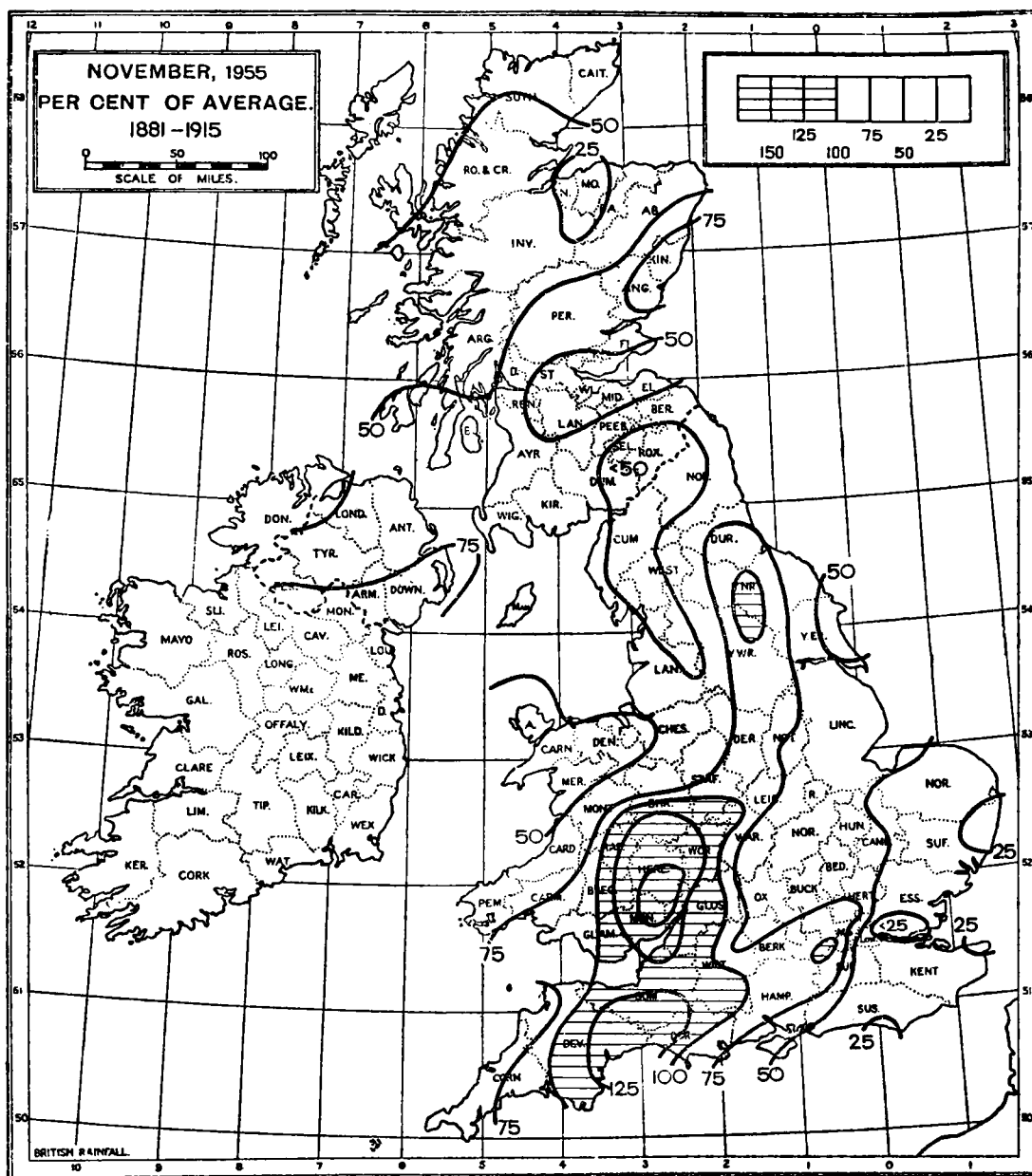
eastwards up the Channel between the 18th and 20th. A trough of low pressure associated with an unusually deep Atlantic depression gave heavy thunderstorms in the Channel Islands and parts of south-east England on the 22nd, more than 2 inches being recorded in parts of Kent and Sussex. From the 25th onwards, most of the British Isles came under the influence of an anticyclone centred to the south-west.



Rainfall, October 1955, as per cent of average

October. There were outbreaks of thundery rain with sunny periods during the first week, as troughs of low pressure moved slowly across the country. The first major depression of the autumn developed off Ireland on the 5th and moved across southern Scotland into the North Sea on the 6th. Warm, moist air from the Atlantic spread in over the British Isles on the 8th, preceded by general rain. A few days of fine weather followed but a depression over Northern Ireland on the 19th

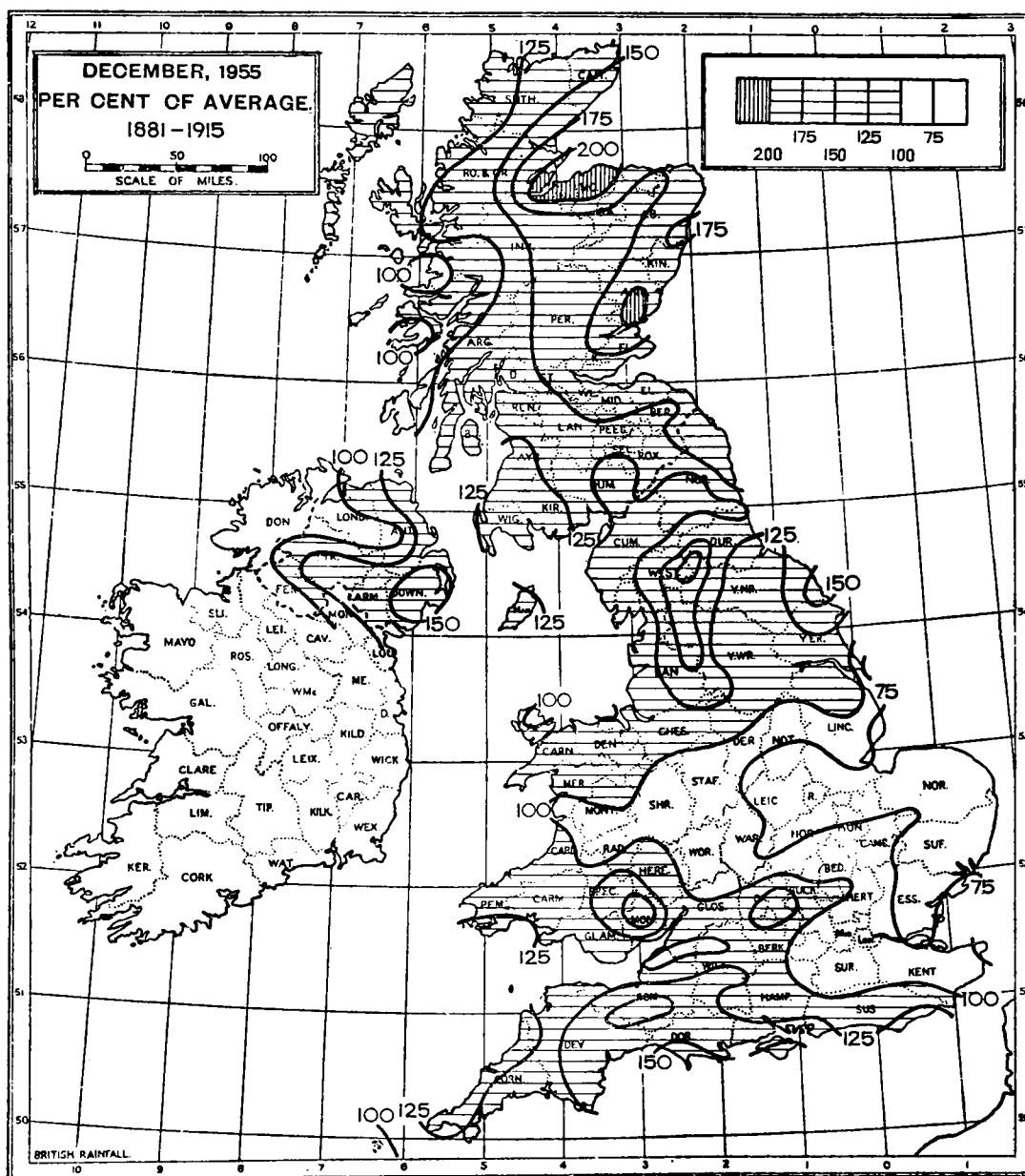
became intense as it moved north-east and rain became widespread over the British Isles and exceptionally heavy in places. A secondary to this depression developed over the southern North Sea and remained almost stationary on the 20th and 21st. Northerly gales developed along the east coast and prolonged rainfall occurred in south-east England, where Hastings recorded continuous rain for 30 hours. Weather was generally dry during the last week, but became progressively colder.



Rainfall, November 1955, as per cent of average

November. Widespread rain, heavy in places in the south, occurred on the 2nd and 3rd as troughs of low pressure and a small secondary depression moved across the British Isles. Heavy thunderstorms moved northwards over the London area late on the 5th and affected parts of East Anglia on the 6th; considerable damage was caused by hailstones, more than one inch in diameter, near Cambridge. Further troughs and depressions moving north-eastwards gave two wet days on

the 9th and 10th. A moist airstream in the circulation of an anticyclone off the Hebrides produced cool dull weather with slight drizzle in places from the 11th to 15th. The anticyclone moved in over England on the 16th and fog developed in many areas, persisting all day in a few places. Precipitation was slight generally and some places in the west and the Midlands recorded an absolute drought by the 26th.



Rainfall, December 1955, as per cent of average

December. Weather was mild for the first six days, with occasional showers, heavy at times in the north-west. The first break through of arctic air occurred on the 7th, but milder weather spread back again on the 9th as a complex depression moved across Scotland. The milder weather was preceded by snow turning to rain, heavy in places. Arctic air spread south again on the 10th, but a deep depression brought milder air back to almost

the whole country between the 13th and 15th, preceded by prolonged rain, sleet or snow. The arctic air spread south once again on the 16th and three very cold days followed. On the 20th a depression moving east across southern England brought snow and sleet to many areas, including a snowfall of 12 inches in Yorkshire. A change in type to a mild south-westerly occurred on the 22nd with widespread heavy rain on the 26th and 27th.

Table 8c. Monthly Rainfall at 334 Stations in Great Britain and Northern Ireland in 1955
ENGLAND, WALES AND THE ISLANDS

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
London.....2	St. Pancras (Camden Square)	in. 2.48	in. 1.61	in. 1.14	in. .43	in. 4.49	in. 2.29	in. .23	in. .95	in. 2.34	in. 2.79	in. .57	in. 2.03	in. 21.35
Surrey.....6	Shottermill (Sewage Works)	3.90	2.23	1.52	.35	5.19	2.57	.76	.94	1.86	4.94	2.84	4.12	31.22
".....6	Godalming (Borough Road P.S.)	3.22	1.73	1.30	.20	3.63	2.16	.26	1.21	1.71	4.43	2.10	2.72	24.67
".....6	Byfleet (Wisley R.H.S. Gardens)	2.66	1.39	1.05	.21	3.78	2.18	.27	1.00	1.30	2.96	1.42	2.19	20.41
Kent.....1	Dover (Waterloo Crescent)	4.92	2.10	2.06	.21	4.73	1.51	.79	1.79	.96	6.17	1.31	2.36	28.91
".....2	Ashford.....	3.75	2.00	2.03	.33	4.46	1.99	1.06	2.23	1.61	5.84	1.44	2.63	29.37
".....4	Edenbridge (Falconhurst)	4.02	2.15	1.50	.23	5.26	2.43	2.37	.79	2.95	4.87	1.25	3.12	30.94
".....4	East Malling (Research Station)	3.45	1.80	1.11	.20	3.73	1.91	1.79	.98	2.50	4.63	1.02	2.12	25.24
".....4	Strood (Waterworks)	2.92	2.08	1.00	.18	3.78	2.28	.32	1.01	2.43	3.84	.76	1.58	22.18
".....5	Bromley	3.09	1.60	1.11	.27	4.33	1.97	.07	1.22	2.24	3.54	.65	1.94	22.03
Sussex.....1	Bognor Regis (Waterloo Square)	3.91	2.21	1.11	.18	3.45	1.99	.08	1.96	2.51	2.56	1.58	3.94	25.00
".....1	Compton (Compton House)	4.22	2.40	1.66	.65	4.66	3.09	.80	1.50	2.03	3.93	2.82	4.88	33.12
".....2	Horsham (Sewage Disposal Works)	3.02	1.56	1.14	.27	3.61	1.91	.53	.82	1.90	3.57	1.40	3.39	23.12
".....3	Worthing (Beach House Park)	4.01	1.92	.92	.21	3.65	2.33	.08	1.48	3.02	2.37	1.09	3.67	24.75
".....4	Horsted Keynes (Holy Well P.S.)	3.76	1.78	1.21	.33	4.46	1.98	.91	.65	3.10	4.22	1.74	3.38	27.52
Hampshire.....1	St. Catherine's Point Lighthouse	3.71	1.98	1.04	.57	3.12	3.22	.36	1.58	1.49	2.03	1.72	5.23	26.05
".....4	Everton (Efford)	3.41	1.74	1.10	.43	3.96	3.41	.96	.83	1.52	4.86	2.35	5.19	29.76
".....4	Southampton (East Park)	3.57	2.05	1.18	.36	4.25	2.73	1.33	.96	1.69	4.67	2.77	4.20	29.76
".....5	Portsmouth (Southsea Common)	3.43	1.61	1.20	.28	3.54	2.71	1.07	1.02	1.71	2.30	1.82	3.92	24.61
".....5	Winchester (Recreation Ground)	2.87	1.63	1.26	.48	4.73	2.84	.44	.28	2.57	5.62	2.68	4.28	29.68
".....8	South Farnborough (R.A.E.)	3.03	1.50	.96	.21	3.50	2.74	.47	.97	1.78	4.17	2.40	2.58	24.31
Berkshire.....4	Shinfield (Univ. Horticultural Fm.)	2.98	1.11	.89	.24	3.59	1.97	.17	.37	1.50	2.72	1.65	2.41	19.60
".....5	Didcot (Sewage Works)	2.37	1.27	1.12	.37	4.23	2.67	.24	.31	1.02	2.03	1.43	2.64	19.70
Hertfordshire.....2	Harpenden (Rothamsted)	2.62	2.24	1.34	.44	4.56	2.00	.20	.75	1.71	3.05	1.95	2.44	23.30
".....4	Royston (Earls Hill House)	2.44	1.55	1.39	.54	3.58	2.09	.26	1.55	1.55	3.02	1.34	2.05	21.36
Buckinghamshire.....2	Princes Risborough (Research Lab.)	2.05	1.56	1.09	.68	4.64	3.15	.78	.54	2.01	2.58	1.62	2.66	23.36
".....3	Slough (Upton)	2.36	1.52	.99	.34	3.99	2.20	.66	.97	1.48	3.90	2.39	2.13	22.93
".....3	Penn (Rayners)	3.13	2.12	1.39	.67	4.93	2.56	.34	.67	2.14	3.23	1.81	2.97	25.96
".....5	Oving House	2.22	1.23	1.28	.66	5.23	2.95	.19	.84	1.44	2.37	1.61	2.73	22.75
Oxfordshire.....3	Oxford (Radcliffe Met. Station)	2.46	1.42	1.43	.65	4.47	4.22	.29	.45	1.51	1.57	1.39	3.09	22.95
".....3	North Newington (Orchard House)	2.60	1.60	1.72	.91	4.15	2.73	.18	.21	1.38	1.56	1.60	2.43	21.07
Northamptonshire.....4	Norton Junction	2.20	1.60	2.38	.96	4.21	2.34	.22	.42	1.64	1.56	1.26	1.91	20.70
".....4	Wellingborough (Swanspool)	1.94	1.65	2.18	.69	3.22	2.15	.15	.58	1.52	1.70	1.30	2.01	19.09
Huntingdonshire.....1	St. Ives (Tenterleus)	1.84	1.90	1.61	.48	3.21	2.67	.40	.97	1.33	1.74	1.07	1.40	18.62
".....1	Whittlesea Mere	1.62	1.91	1.54	.49	2.56	2.11	.09	1.21	1.19	1.83	.81	1.17	16.53
Bedfordshire.....3	Woburn (Experimental Farm)	2.45	1.63	1.13	.47	4.57	2.15	.19	.71	1.65	1.79	1.26	2.29	20.29
".....3	Sandy (Moggerhanger Park)	2.22	1.68	1.37	.57	4.11	2.91	1.46	.65	2.46	1.63	1.30	1.98	22.34
Cambridgeshire.....2	Cambridge (Botanic Gardens)	1.91	1.58	1.29	.50	2.57	2.11	.47	1.45	2.11	2.83	1.26	1.58	19.66

Table 8c. Monthly Rainfall—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Cambridgeshire	Littleport (Highfield House)	1.06	1.75	1.50	.56	2.50	2.36	.10	1.77	1.65	2.70	1.33	1.82	19.10
"	March	1.78	2.33	1.49	.71	2.68	2.57	.16	1.05	1.39	1.73	.98	1.49	18.36
Essex	Hatfield Broad Oak (Barrington)	2.26	1.71	1.55	.30	4.95	2.67	1.32	1.34	1.91	3.91	.77	1.79	24.48
"	Southeast (Waterworks)	2.47	1.29	1.03	.19	4.21	1.84	.59	1.70	2.74	4.10	.56	1.43	22.25
"	North Weald (Canes)	1.84	1.37	1.25	.32	4.28	2.08	.22	.76	1.87	3.26	.83	1.63	19.71
"	Bradwell-on-Sea (Bellropes)	2.24	1.77	1.12	.19	4.47	2.93	.24	1.50	1.64	4.30	.72	1.42	22.54
"	Maldon	2.02	1.62	1.03	.18	4.13	2.05	.10	.64	1.99	3.83	.89	1.28	19.76
"	Halstead (The Brewery)	2.33	1.95	1.17	.26	2.96	2.18	.47	1.63	2.18	3.90	.62	1.52	21.17
Suffolk	Ipswich (Belstead Hall)	1.90	2.10	1.21	.17	2.60	3.14	.16	3.26	1.77	3.94	.72	1.46	22.43
"	Felixstowe	1.78	1.88	1.45	.14	2.19	1.93	.14	1.75	.90	4.31	.61	1.48	18.56
"	Lowestoft (Secondary School)	1.79	1.75	1.54	.38	1.61	2.08	.25	1.51	1.26	4.41	.59	1.24	18.41
"	Bury St. Edmunds (Westley Hall)	2.24	2.05	1.67	.38	2.26	2.42	.00	1.71	2.19	4.47	.79	1.48	21.66
Norfolk	Sproston	1.95	2.25	2.00	.43	2.20	2.28	.37	.99	1.92	4.64	.86	1.77	21.66
"	Aylsham (The Mount)	1.95	2.22	1.73	.48	2.65	2.16	.70	.75	1.68	4.48	.62	1.73	21.15
"	Sandringham House Gardens	2.52	2.62	2.07	.97	2.23	2.29	.30	.75	1.58	2.56	1.27	1.87	21.03
"	Cromer (Howards Hill)	2.07	3.05	1.76	.76	2.79	1.45	.31	.26	1.52	3.55	.80	1.82	20.14
"	Wells (Outfall Sewage Works)	2.23	2.70	1.78	1.07	2.79	2.10	.39	.96	.91	1.50	.91	1.73	19.07
"	Thetford (Waterworks)	2.41	1.79	1.33	.41	2.63	1.33	.24	.99	2.19	2.70	1.17	1.98	19.17
"	Swaffham (Saham Toney)	2.08	2.75	1.52	.57	2.39	2.40	.13	1.09	1.39	3.13	1.08	1.84	20.37
Wiltshire	Fonthill House Gardens	3.35	2.58	1.89	.88	4.65	3.10	1.68	.75	2.23	3.22	4.32	6.61	35.26
"	Porton (C.D.E.E.)	2.94	1.50	1.22	.58	3.93	2.89	1.12	.32	1.53	3.03	2.76	3.88	25.70
"	Larkhill (School of Artillery)	2.77	1.33	1.37	.52	3.71	3.02	.41	.66	1.27	2.97	2.83	3.97	24.83
"	Aldbourn (Manor House)	3.10	1.69	1.66	.54	5.37	3.55	.17	.48	1.09	2.20	2.12	3.51	25.48
Dorset	Creech Grange	4.58	2.33	1.36	1.02	4.64	2.88	1.06	.97	2.18	5.69	3.09	6.48	36.28
"	Beaminstor (East Street)	4.54	3.04	1.63	1.25	4.48	2.86	4.57	.67	1.98	2.85	5.68	6.08	39.63
"	Blandford (Bryanston)	4.05	2.57	1.94	.80	4.91	2.53	3.67	.36	1.10	3.93	4.38	5.79	36.03
Devonshire, S.	Plymouth (Mount Batten)	5.63	3.60	1.60	1.59	3.35	2.81	2.15	.37	1.87	2.59	3.85	5.98	35.39
"	Ashburton (West Street)	7.42	4.61	2.75	1.69	5.62	3.53	3.53	.70	1.31	3.86	7.05	8.90	50.97
"	Princetown (H.M. Prison)	9.74	5.96	3.31	4.14	8.70	4.88	1.43	1.06	5.23	4.85	9.49	13.89	72.68
"	Teignmouth (Den Gardens)	5.13	2.61	2.13	.96	3.61	3.18	2.79	.46	1.04	2.08	4.04	5.27	33.30
"	Crediton (Okefield)	5.27	3.22	1.35	1.05	3.35	2.89	2.58	.68	1.57	1.31	3.20	6.01	32.48
"	Sidmouth	4.11	2.45	1.52	1.29	3.58	3.07	2.93	.24	1.20	1.94	3.95	4.50	30.78
Devonshire, N.	Ilfracombe (Bowling Green)	4.26	3.20	1.39	2.95	3.81	4.66	1.01	.37	1.97	2.76	3.00	5.99	35.43
"	Torrington (Caynton House)	5.00	3.86	1.25	1.52	4.25	3.34	2.18	.30	1.72	2.67	3.12	6.77	35.98
Cornwall	Newquay (Mount Wise)	4.96	3.02	1.26	1.05	2.66	2.85	.02	.15	1.92	3.17	2.88	5.74	29.68
"	Bodmin (Castle Hill House)	7.09	4.51	1.61	1.80	3.54	2.97	1.34	.49	2.67	4.09	5.44	6.96	42.51
"	Camelford (Stannon Clay Works)	7.18	4.19	1.66	2.30	4.93	4.08	1.14	.51	3.56	4.59	4.50	9.21	47.85
"	Bude (School House)	4.17	2.67	1.03	1.57	2.89	2.46	1.64	.34	1.34	2.48	2.04	5.68	28.31

Table 8c. Monthly Rainfall—ENGLAND, WALES AND THE ISLANDS (*continued*)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Cornwall.....2	Penzance (Penlee Gardens).....	6.95	5.16	1.95	1.53	4.24	3.73	.12	.48	2.10	5.46	2.36	8.19	42.27
".....2	Falmouth Observatory.....	7.29	4.65	1.36	1.40	3.35	4.91	.69	.29	1.88	4.53	3.03	7.65	41.03
".....2	St. Austell (Poltair Public Gardens).	6.96	5.11	1.44	1.59	4.40	3.82	.18	.22	2.03	4.21	3.83	6.95	40.74
".....4	Silly (Tresco Abbey).....	6.11	5.18	2.19	1.31	3.87	4.30	.09	.36	.92	3.41	2.14	4.46	34.34
Somerset.....1	Litton (Sherborne Reservoir).....	4.42	2.90	1.59	1.77	4.89	3.47	.20	.64	2.74	1.96	5.12	5.74	35.44
".....1	Bath (Henrietta Park).....	3.07	1.74	1.15	.97	4.49	3.50	.83	1.21	1.70	1.49	3.07	3.93	27.15
".....1	Long Ashton (Research Station)...	3.38	1.78	1.27	1.42	3.91	2.59	.15	.64	1.35	1.42	4.22	3.71	25.84
".....2	Street (Millfield).....	3.32	1.85	1.09	1.18	3.72	3.46	.54	1.16	1.32	1.66	3.20	4.54	27.04
".....2	Burnham (Dunstan House).....	3.44	2.17	1.10	1.40	3.48	2.90	.56	.56	2.94	1.48	3.70	4.00	27.73
".....3	Taunton (Vivary Park).....	4.59	2.73	1.14	.90	3.47	2.72	1.48	.72	1.48	1.32	3.61	5.17	29.33
".....4	Dunkery Beacon.....	8.70	5.08	2.54	3.13	7.85	5.03	2.05	1.03	3.15	3.65	6.05	10.72	58.98
".....5	East Anstey (Dassels).....	4.62	4.59	1.37	2.72	5.32	5.12	4.01	.58	2.99	2.87	3.88	8.83	46.90
Gloucestershire...3	Cheltenham (Montpellier Gardens)...	1.90	1.32	1.65	.87	4.10	3.50	.34	.55	.61	1.17	2.94	2.37	21.32
".....4	Blockley (The Manor House).....	2.62	1.70	1.86	1.16	5.01	4.25	.19	.44	1.49	1.51	2.37	2.78	25.38
".....7	Lechlade (St. John's Lock).....	2.24	1.54	1.43	.48	4.05	2.91	.23	.63	.71	1.46	1.37	3.04	20.09
".....7	Cirencester (Royal Agric. College)...	2.62	1.65	1.72	1.09	4.84	3.69	.14	.98	.72	1.63	3.31	3.86	26.25
Herefordshire....1	Ross-on-Wye.....	3.26	1.45	2.13	.90	5.12	3.81	.59	.55	1.06	1.31	3.50	3.22	26.90
".....1	Vowchurch (Ladywell House).....	4.03	2.08	2.64	.75	5.03	5.00	1.24	.41	1.23	2.40	4.89	5.02	34.72
".....1	Prestigne (Middlemoor).....	3.15	2.08	3.47	1.42	5.43	5.36	2.26	.77	1.03	2.20	3.46	3.92	34.55
Shropshire.....3	Bromfield (Oakly Park).....	3.07	1.69	3.51	1.26	4.49	4.29	.46	.68	1.39	1.80	3.29	3.09	29.02
".....3	Church Stretton (Sewage Works)...	2.78	2.32	3.58	1.60	5.30	4.04	.87	1.09	1.58	2.06	3.88	3.49	32.59
".....3	Shrewsbury (Monkmore).....	2.31	1.69	2.57	1.19	3.95	2.38	1.31	1.46	1.67	1.24	1.38	2.20	23.35
".....4	Oswestry (Mount Reservoir).....	3.54	3.04	3.13	1.26	5.80	3.87	.54	1.09	1.16	1.82	2.73	4.22	32.20
Staffordshire....3	Lichfield (Hanch Reservoir).....	2.38	2.11	3.01	1.22	4.47	2.97	.60	.67	2.12	1.57	2.53	1.91	25.56
".....3	Stafford (Riverway Nurseries).....	2.33	1.85	2.53	1.46	3.76	2.77	.78	1.00	2.79	1.39	1.72	2.06	24.44
".....3	Keele (Univ. College of N. Staffs.)...	2.63	1.67	2.64	1.57	3.14	3.85	.51	1.20	2.89	1.56	1.89	2.61	26.16
Worcestershire...1	Malvern (Free Library).....	3.20	1.71	2.36	.95	5.18	5.15	1.27	.67	1.66	1.32	3.66	2.35	29.48
".....2	Stourport (Lincombe Lock).....	2.63	1.39	2.84	1.10	3.18	3.59	.69	.51	1.75	1.81	2.88	2.65	25.02
Warwickshire....1	Alcester (Arrowside).....	2.13	1.48	2.07	1.14	4.81	2.80	.28	.34	.92	1.38	1.93	2.04	21.32
".....1	Leamington Spa (Pump Room Gdns.)	2.05	1.43	2.27	1.01	3.96	2.66	.15	.28	1.35	1.30	1.34	1.75	19.55
".....1	Coventry (City Hospital).....	2.17	2.09	2.71	1.03	4.87	3.15	.77	.60	1.47	1.37	1.96	2.07	24.26
".....4	Birmingham (Edgbaston Observatory)	2.62	2.11	3.45	1.10	5.17	2.93	.43	.58	1.37	1.66	2.89	2.36	26.67
Leicestershire...2	Caldecott (Eye Brook Reservoir)...	2.00	1.93	2.29	.72	3.48	2.55	.22	.88	1.23	1.87	.94	1.74	19.85
".....4	Thornton Reservoir.....	1.84	1.95	2.75	1.11	4.40	2.86	1.03	.61	1.91	1.51	1.86	1.60	23.43
".....4	Loughborough (Nanpantan Res.)...	2.04	2.15	3.39	1.17	4.11	4.18	1.55	.31	1.50	1.70	1.81	1.78	25.69
Lincolnshire....2	Spalding (Pode Hole).....	2.44	3.04	1.99	1.05	3.02	2.32	.34	.88	.99	1.50	1.36	1.60	20.53
".....3	Boston (Black Sluice, Skirbeck).....	2.23	2.86	2.05	1.44	2.55	2.77	.35	.68	1.29	1.65	1.24	1.63	20.74
".....3	Cranwell Airfield.....	1.86	2.20	2.22	1.07	3.13	3.15	.59	.52	1.61	1.52	1.08	1.47	20.42

Table 8c. Monthly Rainfall—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	MONTHLY RAINFALL												
		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Lincolnshire.....3	Potterhanworth (Old Hall)	in. 2.01	in. 2.51	in. 2.72	in. 1.15	in. 3.00	in. 3.42	in. 1.01	in. .57	in. 1.76	in. 1.32	in. 1.27	in. 1.74	in. 22.48
".....3	Lincoln (Skellingthorpe Hall)	1.71	2.12	1.97	1.00	2.75	3.12	.83	.36	.87	1.07	1.18	1.38	18.36
".....4	Skegness (Marine Gardens)	1.93	2.21	2.24	1.31	3.30	3.82	.52	.98	.77	1.49	1.19	1.54	21.30
".....5	Brigg (Wrawby Road)	1.46	2.40	2.12	.96	3.30	3.09	.67	.73	1.01	1.11	.99	2.07	19.91
".....5	Cleethorpes (Kings Parade)	1.76	2.46	2.56	.82	3.29	2.22	.43	1.25	1.39	1.52	1.33	2.37	21.40
Nottinghamshire..5	Nottingham (The Castle)	2.19	1.47	2.21	.99	3.58	3.14	.77	.33	.61	1.44	1.43	1.67	19.83
".....5	Mansfield (Carr Bank)	1.94	2.19	2.99	1.07	3.52	3.28	1.14	.82	.80	1.67	2.24	2.20	23.86
Derbyshire.....6	Derby (Markeaton Park)	2.35	1.97	2.62	1.41	3.03	4.01	.69	.43	1.05	1.57	2.01	2.22	23.36
".....6	Buxton (Terrace Slopes)	3.73	3.31	3.68	2.88	5.49	3.76	1.21	.89	2.86	4.03	3.08	5.89	40.81
Cheshire.....2	Northwich (Hunt's Lock)	2.31	2.07	1.94	1.84	2.84	3.03	.60	.87	1.68	1.70	1.59	3.44	23.91
".....3	Birkenhead (Bidston Observatory) ..	1.65	1.84	1.78	1.52	2.58	3.09	.57	1.53	1.82	2.01	1.29	3.00	22.68
Lancashire, South..3	Manchester (Whitworth Park)	2.19	1.59	2.02	2.07	2.64	3.05	.92	1.06	2.34	1.76	1.69	4.22	25.55
".....3	Bolton (Queens Park)	3.00	2.48	1.96	3.22	4.03	3.29	1.11	1.57	3.87	2.65	2.33	5.79	35.30
".....3	Rochdale (Queensway)	2.93	2.09	1.93	2.25	3.92	3.22	1.94	1.03	3.16	2.44	2.17	5.47	32.55
Lancashire, Central1	Squires Gate (Blackpool Airport) ..	2.00	2.34	1.37	1.50	1.83	3.54	1.77	1.11	2.54	2.22	1.72	3.31	25.25
".....1	Stonyhurst (College)	3.26	1.72	1.49	3.22	3.57	3.44	1.06	1.03	3.71	3.65	1.74	7.05	34.94
".....3	Formby (Freshfield Road)	2.82	2.42	1.75	1.60	2.73	3.51	.83	1.28	2.91	2.12	1.47	3.81	27.25
Lancashire, North..3	Morecambe	2.06	2.42	1.11	2.51	3.11	3.56	1.78	1.63	2.90	2.09	1.87	4.71	29.75
".....5	Garstang (Grizedale Reservoir)	2.71	1.97	1.81	2.77	3.79	4.00	1.48	1.22	2.58	2.44	2.46	4.91	32.14
Yorkshire, W.R...1	Sedburgh (Brigflatts)	3.93	1.93	1.21	3.07	4.63	4.07	1.83	1.78	3.79	2.83	2.17	9.29	40.53
".....6	Balby (Sewage Works)	1.49	1.65	2.30	.63	2.33	2.46	.64	.14	.75	1.49	1.84	1.83	17.55
".....7	Sheffield W.W. (Redmires Res.)	3.15	3.06	4.18	1.21	4.06	3.80	2.01	1.43	1.94	2.97	2.88	5.55	36.24
".....8	Huddersfield (Oakes)	3.25	3.29	2.63	1.02	4.04	2.55	.70	.48	1.56	2.02	1.69	5.43	28.66
".....8	Wakefield (Clarence Park)	1.49	2.75	2.29	.51	2.80	1.60	.57	.29	1.33	1.64	1.63	2.78	19.68
".....9	Goole (Sewage Pumping Station)	1.15	1.44	2.30	1.07	2.97	2.19	1.06	.69	1.06	1.67	1.49	2.81	19.90
".....9	Bradford (Lister Park)	1.82	2.34	2.59	.89	2.58	1.84	1.02	.82	1.33	2.16	2.59	4.44	24.42
".....10	Ilkley (Spence's Garden)	1.73	3.07	2.13	1.02	3.42	1.93	.88	1.17	1.46	2.79	2.03	4.74	26.37
".....10	Oughtershaw	5.93	3.79	2.65	3.09	5.64	4.87	1.30	1.35	4.33	5.10	3.43	11.22	52.70
".....11	Knaresborough (Water Tower)	1.56	1.69	1.98	.91	2.48	1.55	1.15	1.24	1.40	1.91	2.15	3.79	21.81
".....11	Ramskill (Raygill House)	3.36	2.41	2.34	1.50	4.16	3.01	1.54	1.25	2.46	2.78	3.17	7.41	35.39
Yorkshire, E.R...2	Birdsall Gardens	1.87	2.52	2.77	1.44	3.20	2.20	1.50	.94	1.42	2.16	2.01	3.36	25.39
".....3	Hull (Pearson Park)	1.50	2.07	2.37	.61	3.33	2.09	.77	.77	.89	2.07	.85	2.90	20.22
".....3	Lowthorpe (Woodman's Cottage) ..	1.66	2.30	2.48	.71	3.19	1.22	1.39	.53	1.30	2.01	1.20	3.43	21.42
Yorkshire, N.R...1	Leyburn (Bolton Hall)	3.19	2.20	2.36	.53	2.93	2.54	.70	.94	1.02	2.34	2.14	4.44	25.33
".....2	Felixkirk (Mount St. John)	1.57	2.26	2.03	1.51	2.06	2.45	1.19	.77	1.38	1.64	2.63	2.51	22.00
".....3	York (Museum)	1.06	1.71	1.93	1.10	2.19	2.37	1.04	.59	1.26	1.45	1.99	2.69	19.38
".....4	Farndale Vicarage	1.84	3.32	2.78	1.14	2.73	2.15	1.64	1.07	1.51	2.91	3.36	4.65	29.10
".....5	Scarborough	1.48	1.87	2.15	1.00	3.27	1.30	1.17	.72	1.26	2.72	1.18	3.96	22.08

Table 8c. Monthly Rainfall—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Yorkshire, N.R.6	Middlesbrough (Albert Park)	1.93	1.63	1.18	.90	2.00	2.46	1.15	.81	1.22	1.49	1.77	2.12	18.66
"6	Baldersdale (Hury Reservoir)	2.59	1.59	1.99	.88	2.89	2.23	1.16	1.45	2.05	2.29	2.03	7.35	28.50
Durham1	Darlington (South Park)	1.83	1.78	1.51	.90	2.00	2.33	.90	.63	1.00	1.80	2.25	2.82	19.75
"1	Barnard Castle (Bowes Museum)	2.70	2.33	1.89	.28	2.04	2.04	.78	.87	1.26	1.98	1.89	4.37	22.43
"2	Durham (Houghall Hort. Station)	2.05	2.69	1.86	.63	1.65	2.35	.99	.77	.93	1.47	1.68	2.76	19.83
"2	Weardale W.W. (Waskerley)	3.20	3.00	2.00	.43	2.25	2.73	1.32	1.08	1.35	2.22	2.23	3.97	25.78
Northumberland3	Newcastle (Leazes Park)	1.99	2.74	1.91	.67	1.78	3.00	1.01	1.14	1.13	1.40	1.51	2.82	21.10
"4	Bellingham (Highgreen)	3.04	3.23	1.75	.84	2.33	1.97	1.69	1.19	2.18	2.21	1.53	4.29	26.25
"5	Morpeth (Cockle Park)	3.14	2.73	2.10	.70	2.04	1.11	1.40	1.15	.94	1.69	1.60	3.95	22.55
"5	Howick Hall Gardens	1.83	2.84	1.68	.81	1.70	1.48	1.09	.58	.78	2.50	1.80	4.01	21.20
"6	Ilderton (Lilburn Tower Gardens)	2.31	3.45	1.77	.49	2.25	1.19	1.68	.61	1.64	2.47	1.80	4.54	24.20
"6	Mindrum	2.62	2.85	1.40	.61	2.13	1.49	1.89	.55	1.94	2.17	.91	3.45	22.01
Cumberland1	Silloth Airfield	2.67	1.30	1.60	1.59	2.53	3.32	2.22	1.77	1.92	1.65	1.19	4.66	26.42
"1	Geltsdale	2.82	2.10	.95	2.23	2.34	3.49	1.78	1.94	2.72	2.32	1.38	4.03	28.10
"2	Keswick (High Hill)	4.72	1.69	1.38	1.99	5.08	3.24	2.63	4.36	4.14	3.44	2.20	8.28	43.15
"3	Ravenglass (The Grove)	1.95	1.52	2.29	2.94	2.00	4.11	3.35	3.10	3.10	2.66	2.75	5.05	34.82
"3	Ennerdale (Gillerthwaite)	7.30	3.50	4.10	8.20	7.50	6.80	6.60	5.60	6.10	5.50	4.50	7.10	72.80
Westmorland1	Patterdale Hall	8.00	3.27	2.51	2.65	8.76	4.30	3.94	3.41	5.79	6.60	4.71	12.96	66.90
"2	Ambleside	7.63	2.84	2.70	3.33	4.74	5.24	2.95	3.01	5.28	5.30	3.61	13.03	59.66
"3	Kendal (Fisher Tarn)	4.22	1.66	1.35	3.43	4.09	5.76	2.08	1.94	3.85	3.47	2.25	7.57	41.67
Monmouthshire3	Newport W.W. (Nantyridd)	4.83	1.69	2.26	1.71	5.95	4.68	.28	.89	1.96	1.93	5.68	6.53	38.39
"3	Abergavenny (Plas Derwen)	4.24	2.38	3.13	1.03	6.61	5.93	.13	.74	1.28	2.48	6.47	7.47	41.89
Glamorgan3	Swansea (Victoria Park)	3.06	3.28	3.15	3.48	4.45	5.36	.68	.82	2.25	2.27	4.06	6.96	39.82
"3	Ystalyfera (Wern House)	5.46	3.34	3.86	5.54	6.67	9.67	2.13	3.48	4.27	4.24	5.27	8.88	62.81
"6	Treherbert (Tyn-y-waun)	7.99	4.10	5.31	6.44	9.25	10.59	2.64	1.90	4.08	6.94	8.98	15.79	84.01
"7	Cardiff (Penylan)	4.18	1.96	1.41	2.04	5.12	4.19	.59	1.54	2.00	2.26	4.47	5.96	35.72
Carmarthenshire2	Llandeusan (Pontcrynfe)	4.34	2.92	4.19	3.95	5.05	6.36	1.43	1.57	2.45	4.00	4.28	8.39	48.93
"2	Abergorlech	4.94	3.58	4.29	3.92	6.70	7.55	.86	1.75	2.60	4.29	3.61	8.15	53.24
Pembrokeshire4	Tenby (The Priory)	4.20	2.64	3.42	2.75	3.06	4.64	.40	.46	2.66	2.23	3.27	6.43	36.16
"4	Haverfordwest (Hospital Grounds)	4.37	3.14	3.36	3.36	3.80	4.51	.41	.99	2.42	3.55	3.53	7.08	40.52
Cardiganshire2	Trawscoed	2.45	2.24	2.84	2.83	4.36	4.27	.86	1.60	3.62	3.39	2.29	4.74	36.49
"2	Aberystwyth (Plant Breeding Stn.)	1.92	1.77	2.99	2.93	4.33	4.62	.83	1.49	2.67	3.52	2.02	4.01	33.10
"2	Afon Rheidol (Nant-y-moch)	4.12	3.81	3.62	7.00	7.79	8.47	1.83	2.36	7.96	4.87	2.48	8.18	62.49
"3	Cardigan (Plas Llangedmore)	3.23	2.27	3.24	2.53	3.00	3.52	.47	1.01	2.04	3.55	2.59	4.78	32.23
Brecknockshire7	Swansea W.W. (Cray Reservoir)	7.75	3.95	5.56	6.32	8.52	9.70	1.58	2.41	4.31	4.84	6.88	12.35	74.17
Radnorshire1	Birmingham W.W. (Tymynydd)	4.79	3.80	4.94	3.38	7.12	6.89	1.22	1.51	4.14	4.67	4.99	7.37	54.82
Montgomeryshire1	Machynlleth (Garth)	3.85	2.67	3.08	5.77	5.80	6.98	1.19	1.62	4.29	3.25	2.08	7.53	48.11
"4	Newtown (Penarth Weir)	3.26	1.64	3.30	1.15	5.84	3.60	.74	1.83	1.25	1.98	2.53	4.58	31.70

Table 8c. Monthly Rainfall—ENGLAND, WALES AND THE ISLANDS (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Montgomeryshire. 5	Lake Vyrnwy (Experimental Stn.) ..	4.71	3.26	3.54	3.18	7.93	5.77	1.16	2.12	2.39	3.62	3.74	8.58	50.00
Flintshire	Hawarden Airfield	1.96	2.08	2.28	1.17	2.22	3.50	.31	.97	2.23	1.81	1.78	2.81	23.12
"	Bodfari (Nantlys)	1.81	2.30	1.84	.83	2.64	2.61	.35	1.15	1.38	1.94	1.35	2.48	20.68
Denbighshire	Wrexham W.W. (Pack Saddle Res.)	2.36	2.53	2.68	1.10	4.06	3.68	.27	.94	2.11	2.19	2.63	4.39	28.94
Merionethshire .. 1	Llandrillo (Crogen)	3.40	2.69	2.88	1.30	5.42	4.29	.65	2.46	2.04	3.80	6.94	5.64	41.51
" .. 3	Blaenau Festiniog (Oakeley Quarry)	8.54	4.70	2.55	10.27	9.02	12.81	3.70	3.14	6.62	7.53	3.35	14.64	86.87
" .. 4	Dolgelley (Bronygader)	5.16	4.23	5.45	4.89	4.74	6.60	1.46	1.47	3.82	4.28	4.11	7.86	54.09
" .. 5	Aberdovey (Plas Penhelig)	2.47	2.05	2.48	3.50	4.80	5.66	.85	1.69	3.34	2.98	2.17	4.49	36.46
Caernarvonshire .. 2	Llandudno (Cricket Ground)	2.54	1.80	1.48	.95	1.91	3.21	.53	1.13	1.19	2.14	1.59	3.52	21.99
" .. 4	Pwllheli (West End)	3.44	2.28	1.92	2.37	3.66	5.33	.68	1.85	2.46	2.28	1.12	5.06	32.45
" .. 5	Snowdon (Cwm Dylli)	10.95	5.07	3.82	11.97	11.20	12.01	3.95	3.60	10.25	9.10	3.55	17.44	102.91
Anglesey	Holyhead (Valley Airfield)	3.18	2.37	1.34	2.05	2.31	3.97	1.02	1.06	2.11	1.29	1.09	3.58	25.37
"	Llanerchymedd (Llwydiarth Esgob).	4.15	2.57	1.86	2.50	3.35	4.59	1.32	.88	2.72	1.83	1.64	4.56	31.97
Isle of Man	Douglas (Borough Cemetery)	5.12	4.00	2.47	3.13	2.65	4.80	2.58	2.44	8.00	3.25	2.39	6.34	42.17
"	Sulby (Filter House)	4.06	4.09	3.95	2.25	2.94	3.88	2.07	1.68	2.31	4.27	4.73	6.76	42.99
SCOTLAND														
Wigtownshire	Castle Kennedy (Lochinch)	4.22	4.09	1.90	2.72	3.63	3.80	1.78	1.62	3.17	2.39	3.45	5.43	38.20
"	Port William (Monrieth)	3.01	3.24	2.68	2.80	3.43	4.51	2.02	1.33	2.31	2.11	3.01	4.65	35.10
"	Newton Stewart (Little Barraer)	4.05	3.22	2.21	3.11	3.26	3.69	1.77	1.66	3.45	2.30	3.53	5.70	37.95
Kirkcudbrightshire 3	Mossdale (Hensol)	5.82	1.76	3.61	2.84	4.07	3.32	2.20	1.71	3.39	3.65	3.23	9.05	44.65
" .. 5	Lochrutton (Dumfries W.W.)	3.84	1.65	2.61	2.17	3.30	3.17	2.89	1.85	2.87	3.83	2.37	6.71	37.26
Dumfriesshire	Dumfries (Crichton Royal Institute)	3.54	2.00	2.10	1.41	2.57	2.57	1.96	1.71	2.32	3.47	2.71	5.56	31.92
"	Dumfriesshire (Drumlanrig)	4.30	1.50	2.57	2.22	3.18	2.66	2.37	1.65	4.15	3.64	2.45	6.68	37.37
"	Canonbie (Irvine House)	4.54	1.58	2.63	2.25	3.42	3.38	2.80	2.14	2.78	2.67	1.44	7.00	36.63
"	Esksdalemuir Observatory	5.81	3.41	3.42	2.51	4.10	3.07	2.56	1.54	4.65	3.11	1.90	8.07	44.15
Roxburghshire	Crailing	1.96	2.23	1.23	.76	2.06	.89	2.00	.71	1.93	1.92	1.10	3.69	20.48
Peeblesshire	Edinburgh W.W. (Talla Linns Foot)	6.30	2.80	3.00	1.80	4.10	3.00	2.50	1.90	4.00	4.10	3.70	6.61	43.81
"	Stobo Castle	2.57	1.92	1.64	.78	2.93	1.42	3.16	1.88	2.92	2.81	1.68	5.15	28.86
Berwickshire	Marchmont House	1.88	2.60	1.62	.64	1.92	1.34	2.42	.57	1.72	2.15	1.63	3.95	22.44
East Lothian	North Berwick (Gasworks)	1.59	1.45	1.24	.85	1.91	.93	1.87	.57	1.41	1.39	.85	3.55	17.61
Midlothian	Moorfoot Hills (Rosebery)	2.24	2.27	1.58	.73	2.34	.68	2.67	1.10	2.07	2.24	1.06	5.72	24.70
"	Pentland Hills (Morton)	2.64	1.99	1.63	1.04	3.12	1.50	2.21	1.77	2.50	2.17	1.17	6.27	28.01
"	Edinburgh (Blackford Hill)	1.82	1.43	1.51	.44	2.11	.74	1.56	1.05	1.21	1.44	.75	4.02	18.08
Lanarkshire	Gartcosh (Gartloch Hospital)	2.46	1.91	1.56	1.33	3.11	2.09	1.10	1.45	3.60	2.76	1.89	5.92	29.18
"	Strathaven (Kype Reservoir)	3.09	2.00	2.30	2.89	4.13	2.42	2.24	1.98	5.11	3.91	1.75	9.07	40.89

Table 8c. Monthly Rainfall—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Lanarkshire	Hamilton W.W. (Townhill)	2.47	2.64	1.90	1.13	3.38	1.08	1.44	1.46	3.59	2.34	1.76	in.	29.14
"	Glasgow (Queens Park)	2.88	2.51	1.96	1.35	3.30	1.88	1.79	1.21	3.23	2.61	1.65	5.95	29.98
Ayrshire	Prestwick	2.49	1.31	1.05	2.34	2.65	2.81	1.27	1.62	2.88	1.72	1.81	4.34	26.29
"	Kilmarnock (Springhill House)	2.07	1.32	1.32	2.75	3.38	2.55	1.10	1.66	4.92	2.78	1.88	6.44	32.17
"	Maybole (Otterden)	3.31	2.02	1.66	2.75	3.43	3.33	1.92	1.86	4.05	2.50	2.32	5.14	34.29
"	Glen Afton (Ayr Sanatorium)	4.42	2.11	1.81	2.66	4.07	3.09	2.30	1.55	5.48	4.38	3.93	9.41	45.21
Renfrewshire	Greenock (Prospect Hill)	4.52	3.92	2.11	3.76	4.56	3.25	1.04	1.24	5.18	5.04	3.01	9.19	46.82
Stirlingshire	Falkirk (Arnotdale)	2.82	3.10	1.69	1.10	3.51	1.37	.94	1.08	2.35	2.14	1.64	6.13	27.87
Buteshire	Rothsay (Ardenraig)	3.29	3.03	1.47	4.87	3.72	3.91	1.11	1.48	5.16	4.37	3.00	8.11	43.52
"	Dougarie Lodge	3.18	3.23	2.26	3.94	3.95	4.63	1.16	1.29	5.38	4.20	2.83	7.56	43.61
Argyllshire	Morvern (Drimmin)	4.36	4.81	1.32	4.75	2.88	4.21	.74	1.73	8.04	8.31	2.99	8.34	52.48
"	Morvern (Kingairloch)	7.03	7.04	2.95	6.11	5.52	4.82	1.38	1.82	12.60	10.29	5.09	14.39	79.04
"	Glenleven (Kinlochleven)	6.79	7.35	1.71	5.69	6.39	5.02	1.35	2.83	9.62	10.33	4.39	14.31	75.78
"	Oban	3.70	3.27	1.23	4.90	3.03	4.32	1.15	1.89	8.83	6.63	2.15	8.54	49.64
"	Lochgilphead (Poltalloch)	3.31	3.63	.97	5.08	3.11	3.82	1.40	1.87	6.29	5.63	1.75	8.39	45.25
"	West Loch Tarbert (Dunmore)	3.97	4.42	1.42	4.88	3.13	3.33	1.11	1.20	6.62	4.92	3.51	6.53	45.04
"	Monybacach (Skipness)	2.92	4.54	2.09	3.71	3.33	4.24	.89	1.47	5.50	4.52	2.38	8.29	43.88
"	Ardriahag (Canal Office)	4.66	4.80	1.83	6.00	4.44	4.31	1.78	2.03	8.51	6.53	3.17	10.01	58.07
"	Inveraray Castle Gardens	4.37	2.96	1.51	6.08	4.40	6.11	1.92	3.73	9.70	8.73	4.17	14.03	67.71
"	Loch Eck (Benmore)	6.14	6.43	3.01	6.18	6.57	6.76	1.26	1.98	9.70	6.67	4.98	14.57	74.25
"	Islay (Eallabus)	3.92	3.70	1.81	3.33	2.75	3.74	.36	1.15	6.94	6.59	2.77	7.02	44.08
"	Colonsay	4.17	3.24	1.32	3.75	2.78	3.61	.38	1.18	4.52	5.89	2.47	5.97	39.28
"	Iona (Maol)	2.88	2.60	.69	2.91	1.69	3.52	.40	1.59	6.24	7.74	1.95	5.81	38.02
"	Mull (Gruline)	7.00	5.54	1.79	6.53	4.14	4.67	.82	1.53	9.29	8.95	4.12	9.11	63.49
"	Tiree Airport	3.37	3.02	.88	2.87	1.97	3.39	.39	1.31	6.43	6.52	1.78	6.29	38.22
Kinross-shire	Loch Leven Sluice	2.02	3.61	2.31	1.23	2.70	1.73	1.36	.99	2.18	2.58	1.47	6.60	28.78
Fifeshire	Leuchars Airfield	1.17	1.80	.58	.64	2.02	.92	1.22	.27	.96	1.69	1.27	4.35	17.89
Perthshire	Loch Dhu	5.55	4.79	2.60	4.85	5.27	3.82	1.54	1.37	6.48	5.94	5.05	14.81	62.07
"	Glengyle	6.30	4.19	2.52	6.38	5.73	4.40	1.42	1.54	8.26	8.03	4.47	14.60	67.84
"	Glendevon (Frandy)	2.89	1.57	1.64	4.03	5.19	3.14	1.65	1.96	3.55	5.17	2.86	11.16	44.81
"	Locheearnhead (Ardloch)	2.91	2.22	3.78	2.91	4.10	2.55	.83	1.09	4.41	4.84	3.47	12.44	45.55
"	Crieff (Strathearn Hydro)	2.18	2.09	2.17	1.53	2.54	1.39	1.14	1.22	2.12	3.21	2.26	6.98	28.83
"	Aberfeldy (Tigh'n Eilean)	1.75	2.17	.98	.83	1.93	.86	.94	.97	1.86	2.86	2.13	7.30	24.58
"	Killin (Kinnell Gardens)	2.63	2.99	1.24	3.01	3.17	2.15	.64	1.05	4.52	5.16	2.83	10.65	40.04
"	Fincastle House	1.92	2.19	.62	1.23	2.28	1.50	.40	1.17	2.16	2.78	2.15	6.35	24.75
"	Ericht Dam	3.01	2.35	.96	2.78	3.13	2.35	.75	1.81	5.29	5.01	2.19	10.91	40.54
Angus	Kirriemuir (Glenhead)	2.20	2.50	2.40	1.00	2.80	1.30	.90	.80	1.80	3.40	3.60	8.50	31.20
"	Dundee (Clatto Reservoir)	1.48	1.88	1.57	.97	2.54	1.32	.98	.47	1.38	1.94	2.01	5.81	22.35

Table 8c. Monthly Rainfall—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Angus	Arbroath (Springfield Park)	1.47	1.59	1.24	.71	1.32	1.13	.96	.19	1.02	1.60	1.75	4.41	17.39
"	Forfar (Den of Ogil)	1.68	2.59	1.46	.90	2.01	1.67	1.05	.63	1.63	2.20	2.54	6.95	25.31
"	Montrose (Royal Mental Hospital)	1.03	2.57	1.56	.64	1.58	.77	.66	.53	2.06	2.33	2.20	5.01	20.94
Kincardineshire	Strachan (Bridge of Dye)	1.99	3.14	2.24	.46	2.86	1.56	.74	.68	1.80	4.69	3.36	7.13	30.65
Aberdeenshire	Braemar (Bank)	1.45	3.65	2.03	.82	2.05	1.04	.74	.88	1.55	3.25	1.54	5.79	24.79
"	Aboyne (Irrigation Farm)	1.39	3.02	2.15	.36	2.26	.77	.54	.28	1.62	3.18	1.80	4.96	22.33
"	Dyce (Craibstone)	1.17	2.82	1.78	.77	3.07	1.96	.83	.35	2.11	5.08	2.58	5.69	28.21
"	Haddo House	1.29	3.15	1.70	.89	2.99	1.08	.52	.32	1.75	6.02	1.60	5.43	26.74
"	New Deer School House	1.92	2.96	2.11	1.08	3.78	1.19	.50	.50	2.08	6.35	1.62	6.01	30.10
"	Peterhead (Forehill Works)	1.45	2.65	1.80	.78	3.20	.81	.24	.18	1.78	4.40	1.67	4.43	23.39
Banffshire	Turriff (Forglen Gardens)	1.32	2.77	2.18	1.07	3.30	1.64	.33	.93	1.91	5.44	1.37	4.96	27.22
"	Ballindalloch	1.67	4.92	1.75	1.19	3.52	1.61	.52	2.29	1.99	5.13	.93	5.95	31.47
Morayshire	Fochabers (Gordon Castle)	1.25	2.00	1.44	1.34	3.36	1.53	.95	2.28	1.57	5.07	.85	5.35	26.99
Nairnshire	Nairn (Achareidh)	1.24	1.92	.79	1.07	2.06	1.03	.59	.40	1.67	3.62	.55	4.51	19.45
Inverness-shire	Dalwhinnie	2.86	4.03	1.37	1.47	3.58	1.61	.58	1.07	4.35	4.83	2.02	8.93	36.70
"	Glenshero	1.97	3.22	1.17	.88	2.88	1.27	.46	1.41	4.82	5.81	1.23	8.78	33.90
"	Aviemore (Kinrara)	1.92	4.60	1.15	.71	3.10	.91	.53	1.56	2.29	4.47	.88	5.50	27.62
"	Fort Augustus (Auchterawe)	4.88	2.93	1.00	2.21	3.72	1.96	.14	.55	5.33	4.83	1.08	8.00	36.63
"	Loch Ness (Garthbeg)	2.35	3.73	1.31	.94	3.55	1.28	.54	.57	3.73	5.46	1.18	7.08	31.72
"	Inverness (Culduthel Reservoir)	1.48	2.47	.98	.93	2.31	.65	.55	.36	2.23	3.85	.61	5.56	21.98
"	Loch Morar (Rhubana)	3.32	4.62	1.58	6.45	3.64	5.03	2.05	2.08	9.29	8.86	2.55	7.73	57.20
"	Loch Hourn (Kinlochourn)	6.50	5.25	2.17	7.02	5.19	5.34	2.03	3.23	12.93	12.69	5.27	16.87	84.49
"	Arisaig House	4.03	4.72	1.77	5.98	3.07	5.10	2.20	2.45	8.53	7.90	2.87	6.79	55.41
"	Onich	5.25	4.03	1.07	6.11	3.97	5.13	1.89	2.15	10.30	8.24	3.21	12.04	63.39
"	Fort William (Teviot)	4.93	4.24	1.00	4.42	3.42	4.00	1.50	1.71	9.10	8.80	2.62	11.99	57.73
"	Isle of Eigg	3.97	3.55	1.45	4.73	2.15	3.69	1.25	1.58	7.70	8.54	3.16	6.10	47.87
"	Skye (Glenbrittle)	3.92	4.22	2.29	8.18	3.98	6.64	3.25	2.01	14.04	13.55	3.28	7.82	73.18
"	Skye (Broadford)	4.30	3.77	1.87	5.60	2.78	5.02	.97	1.70	10.11	11.55	2.52	12.13	62.32
"	Skye (Duntulm, Kilmuir)	4.61	3.88	1.80	2.95	3.28	5.82	1.32	1.31	8.32	7.64	3.39	7.38	51.70
"	Benbecula Airport	4.28	3.15	1.69	1.80	2.58	4.01	.66	1.48	5.20	7.06	3.95	6.85	42.71
"	Harris (Kyles Lodge)	5.77	4.34	3.24	3.04	3.60	3.78	.78	1.89	6.28	7.21	5.12	8.21	53.26
Ross and Cromarty	Muir of Ord (Fairburn)	2.50	2.65	1.17	.83	2.33	1.20	.24	.66	2.51	3.59	1.28	8.16	27.12
"	Tain (Mayfield)	1.45	2.39	1.26	.94	2.41	.98	.40	.56	1.60	3.10	1.16	5.03	21.28
"	Inverbroom (Glackour)	3.63	4.07	1.98	2.38	4.75	1.90	.44	.93	5.77	7.00	1.99	9.79	44.63
"	Loch Torridon (Torridon House)	4.68	5.34	2.20	4.59	4.49	2.54	1.57	1.27	8.32	11.10	2.79	8.06	56.95
"	Inverasdale (Midtown)	3.42	3.08	1.66	3.20	3.61	4.59	.96	.73	8.82	8.95	2.66	7.32	49.00
"	Loch Duich (Ratagan)	5.80	4.62	2.20	5.46	3.90	4.61	1.15	2.45	10.49	10.77	3.01	11.23	65.69
"	Stronaferry (Dailfearn)	4.92	5.24	1.68	4.98	2.55	4.10	.96	1.71	6.94	9.86	2.77	7.33	53.04

Table 8c. Monthly Rainfall—SCOTLAND (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Ross and Cromarty	Achnashellach	5.26	5.17	2.31	5.17	5.97	4.78	1.71	2.89	10.72	12.81	3.52	13.22	73.53
"	Stornoway Airport	3.59	2.38	1.79	2.00	2.51	2.28	.56	1.41	4.12	4.04	2.40	7.42	34.50
Sutherland	Glenrossal	2.59	3.53	1.65	2.22	3.69	1.77	1.73	.43	4.88	5.18	2.20	8.49	38.36
"	Lairg (Crask)	2.97	4.99	2.50	2.29	4.46	1.63	1.37	.75	5.14	6.45	2.63	8.67	43.85
"	Tongue	2.67	2.84	2.48	1.37	3.59	1.23	.50	.51	4.54	6.08	2.94	6.70	35.45
"	Melvich School	2.54	2.47	1.82	1.70	3.23	1.24	.83	.35	3.75	4.38	1.99	5.07	29.37
"	Cape Wrath	4.29	2.46	2.64	2.90	2.13	2.50	1.02	.86	5.60	6.63	3.12	6.18	40.34
"	Lochinver (Bank House)	2.80	3.36	1.98	2.27	2.56	2.46	.82	1.26	5.90	8.33	2.73	5.70	40.17
Caithness	Wick Airport	3.71	3.13	1.64	1.32	2.55	.57	.35	.57	3.25	4.08	2.31	4.86	28.34
"	Thurso (Holburn Head)	3.33	2.71	1.69	1.77	3.38	1.24	.62	1.27	4.04	5.48	2.42	5.09	33.04
Orkney	Stenness	3.71	3.92	1.93	1.63	2.18	1.51	.43	1.22	5.34	5.50	1.75	8.67	37.79
"	North Ronaldshay	3.29	3.36	2.31	1.63	1.28	1.10	.60	.33	3.17	5.28	1.82	4.51	28.68
Shetland	Lerwick Observatory	3.38	3.02	1.56	2.98	2.00	1.85	.83	.89	3.71	4.78	2.26	4.86	32.12

NORTHERN IRELAND

Fermanagh	Newtownbutler (Crom Castle)	4.64	3.46	.78	2.61	3.49	4.08	1.56	.73	4.04	2.76	3.23	3.92	35.30
"	Enniskillen (Bellevue)	3.63	4.26	.71	2.58	3.03	4.96	2.06	.83	3.80	2.57	3.15	4.16	35.74
"	Belleek	3.36	4.56	.95	3.64	3.61	4.85	1.81	.76	4.54	4.38	2.62	5.18	40.26
Armagh	Armagh Observatory	3.36	3.55	1.08	2.75	2.76	4.30	1.83	1.10	3.61	1.47	2.09	4.13	32.03
Down	Newry (Bridge Street House)	4.27	4.36	1.22	2.95	2.91	4.16	1.64	1.86	2.62	1.81	3.14	4.28	35.22
"	Silent Valley (Belfast Waterworks)	5.90	5.01	2.23	3.59	3.75	6.92	2.76	1.81	2.71	2.84	3.13	6.37	47.02
"	Seaforde	4.17	3.58	1.73	2.19	2.90	5.13	3.65	1.21	2.15	2.39	3.52	6.16	38.78
"	Donaghadee (Orlock Reservoir)	3.18	2.52	1.43	1.47	2.16	4.13	1.13	1.84	2.53	2.46	2.31	4.28	29.44
Antrim	Belfast (Queen's University)	4.42	3.25	1.48	2.57	2.22	4.55	1.41	1.39	2.97	2.65	2.85	6.04	35.80
"	Carrickfergus (Copeland)	4.28	4.29	2.10	2.44	3.33	6.04	1.53	1.14	4.41	3.92	2.92	5.99	42.39
"	Larne (Sallagh Springs)	5.24	6.05	1.77	3.69	3.54	5.13	.19	1.77	5.86	4.86	3.45	7.40	48.95
"	Ballycastle (Coolgreany)	3.94	2.08	1.30	2.24	3.56	3.78	.73	.78	4.58	3.65	2.03	4.93	33.60
"	Aldergrove Airfield	3.88	3.24	.87	2.61	2.57	3.85	1.23	1.60	4.51	2.67	1.81	3.93	32.77
"	Ballymena (Harryville)	3.86	3.83	.75	2.42	2.78	3.95	1.16	.97	4.69	3.54	2.17	4.34	34.46
Londonderry	Garvagh (Moneydig)	3.95	4.07	.81	2.39	3.41	2.98	1.09	.63	4.38	3.89	2.17	5.07	34.84
"	Coleraine (Ingledene)	4.39	2.36	1.03	2.06	3.58	3.76	1.12	.87	5.30	3.70	1.61	4.94	34.72
"	Glendora Lodge	6.01	5.87	1.30	3.25	4.68	5.73	1.17	.96	5.72	4.57	3.94	7.54	50.74
"	Londonderry (Creggan Reservoir)	5.03	3.26	1.36	2.34	3.42	3.51	1.07	1.31	4.41	3.80	1.40	3.98	34.89
Tyrone	Castlecaulfield (Parkanaur)	4.02	3.40	.93	3.71	3.35	6.29	1.08	.99	3.78	2.82	2.21	3.80	36.38
"	Omagh (Edenfel)	4.30	2.92	1.03	2.49	2.84	5.35	1.51	.91	4.18	2.92	2.11	5.47	36.03
"	Sion Mills (Sion House)	3.50	2.77	1.08	1.83	4.11	4.54	.96	.88	3.53	3.09	2.54	5.08	33.91

Table 8D. Monthly Rainfall in 1955; the Average, 1881-1915, being taken as 100 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Lincolnshire	Boston (Black Sluice, Skirbeck) . . .	% 138	% 196	% 131	% 107	% 145	% 152	% 16	% 28	% 73	% 60	% 62	% 76	% 91
"	Skessness (Marine Gardens)	112	144	135	98	194	212	24	40	43	54	55	70	91
Nottinghamshire	Mansfield (Carr Bank)	90	113	143	62	166	145	44	29	43	55	92	76	86
Derbyshire	Buxton (Terrace Slopes)	83	88	89	98	177	117	31	20	88	82	66	104	84
Cheshire	Birkenhead (Bidston Observatory) . .	78	110	94	93	136	140	22	50	76	61	52	113	81
Lancashire, South	Manchester (Whitworth Park)	87	83	89	108	125	116	28	31	98	53	64	130	81
" Central	Squires Gate (Blackpool Airport) . .	77	110	61	84	88	170	64	32	94	63	52	106	79
" "	Stonyhurst College	76	51	40	119	125	112	27	20	97	81	39	145	75
" North	Garstang (Grizedale Reservoir) . . .	75	69	56	114	138	134	36	25	70	55	59	111	74
Yorkshire, W.R.	Wakefield (Clarence Park)	78	161	127	30	142	74	23	11	83	57	77	114	78
" E.R.	Hull (Pearson Park)	83	125	130	39	173	101	33	26	52	69	39	120	80
" "	Felixkirk (Mount St. John)	79	134	103	90	110	112	44	27	76	57	107	104	83
" "	York (Museum)	60	113	115	69	110	114	41	23	77	54	95	120	80
" "	Scarborough	74	111	119	64	171	71	48	26	70	87	48	166	86
" "	Middlesbrough (Albert Park)	121	125	75	66	104	130	45	30	73	50	83	109	79
" "	Baldersdale (Hury Reservoir)	77	54	69	40	117	102	40	44	80	62	56	191	79
Northumberland	Newcastle (Leazes Park)	100	179	93	42	90	142	39	40	57	45	64	120	80
" "	Bellingham (Highgreen)	106	127	60	39	97	86	51	34	91	56	45	118	74
" "	Ilderton (Lilburn Tower Gardens) . .	112	173	67	25	97	57	68	22	69	67	54	173	80
Cumberland	Geltsdale	101	81	34	105	91	129	52	47	97	62	42	105	76
" "	Keswick (High Hill)	93	34	31	65	159	111	68	84	98	61	39	124	79
" "	Ravenglass (The Grove)	58	50	74	119	71	157	89	68	92	62	62	110	82
Monmouthshire	Abergavenny (Plas Derwen)	114	68	94	37	223	221	5	22	50	54	155	152	102
Glamorgan	Ystalyfera (Wern House)	86	65	72	146	191	256	46	56	98	62	80	106	97
" "	Cardiff (Penylan)	113	67	45	82	209	167	19	36	66	48	110	119	86
Carmarthenshire	Llandeusan (Pontcrynfe)	81	65	88	125	154	198	36	30	67	67	75	122	88
Pembrokeshire	Tenby (The Priory)	112	91	110	120	133	193	14	12	84	46	75	129	88
Radnorshire	Birmingham W.W. (Tymynydd) . .	76	72	92	92	208	211	30	28	107	71	75	90	88
Montgomeryshire	Lake Vyrnwy (Experimental Stn.) . .	81	71	79	100	246	179	33	40	66	62	65	122	90
Merionethshire	Blaenau Festiniog (Oakeley Qu.) . .	84	57	30	166	160	197	43	28	84	74	31	116	82
" "	Aberdovey (Plas Penhelig)	63	69	74	135	191	208	24	38	104	63	48	94	84
Caernarvonshire	Llandudno (Cricket Ground)	105	92	73	56	107	169	24	40	56	64	55	121	78
Anglesey	Llanerchymedd (Llwydiarth Esgob) .	131	102	63	113	143	194	46	24	93	41	39	104	84
Isle of Man	Douglas (Borough Cemetery)	153	125	83	128	106	198	84	64	92	72	51	128	102
Wigtownshire	Newtown Stewart (Little Barraer) . .	98	86	64	122	123	140	56	40	101	51	71	105	85
Dumfriesshire	Dumfries (Crichton Royal Inst.) . . .	110	61	70	60	93	102	60	42	86	88	74	130	82
" "	Esksdalemuir Observatory	108	69	70	74	124	97	62	30	126	58	33	115	78
Roxburghshire	Crailing	102	121	57	47	102	40	69	24	95	67	46	137	74

Table 8D. Monthly Rainfall in 1955; the Average, 1881-1915, being taken as 100 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Peeblesshire 2	Stobo Castle	% 86	% 70	% 57	% 37	% 129	% 61	% 109	% 53	% 116	% 81	% 51	% 136	% 83
Berwickshire 4	Marchmont House	% 84	% 125	% 61	% 32	% 78	% 58	% 79	% 17	% 71	% 56	% 54	% 141	% 70
East Lothian 5	North Berwick (Gasworks)	% 93	% 93	% 67	% 62	% 97	% 57	% 73	% 18	% 68	% 47	% 38	% 166	% 70
Midlothian 5	Edinburgh (Blackford Hill)	% 103	% 86	% 77	% 30	% 103	% 37	% 55	% 33	% 59	% 53	% 33	% 172	% 69
Lanarkshire 5	Hamilton W.W. (Townhill)	% 75	% 91	% 68	% 60	% 141	% 49	% 50	% 43	% 134	% 72	% 49	% 138	% 82
Ayrshire 3	Prestwick	% 87	% 55	% 45	% 134	% 136	% 146	% 52	% 51	% 112	% 60	% 56	% 124	% 85
" 13	Glen Afton (Ayr Sanatorium)	% 87	% 48	% 43	% 89	% 136	% 103	% 55	% 29	% 141	% 86	% 71	% 147	% 85
Renfrewshire 3	Greenock (Prospect Hill)	% 70	% 74	% 45	% 109	% 140	% 104	% 28	% 24	% 115	% 99	% 50	% 123	% 81
Buteshire 1	Rothsay (Ardencraig)	% 73	% 76	% 41	% 163	% 123	% 127	% 28	% 30	% 127	% 99	% 59	% 149	% 89
Argyllshire 2	Morvern (Drimmin)	% 69	% 91	% 27	% 130	% 89	% 136	% 17	% 33	% 142	% 139	% 44	% 106	% 84
" 8	Lochgilthead (Poltalloch)	% 65	% 84	% 25	% 168	% 108	% 125	% 34	% 38	% 138	% 114	% 31	% 132	% 86
" 11	Inveraray Castle Gardens	% 53	% 44	% 24	% 132	% 112	% 154	% 39	% 57	% 151	% 124	% 49	% 141	% 88
" 14	Islay (Eallabus)	% 84	% 88	% 47	% 116	% 104	% 143	% 11	% 26	% 166	% 138	% 51	% 118	% 90
" 14	Tiree Airport	% 79	% 88	% 26	% 117	% 79	% 133	% 11	% 31	% 173	% 143	% 37	% 120	% 86
Kinross-shire 2	Loch Leven Sluice	% 64	% 128	% 77	% 64	% 111	% 79	% 47	% 26	% 85	% 75	% 41	% 168	% 80
Fife-shire 3	Leuchars Airfield	% 64	% 103	% 81	% 40	% 104	% 55	% 47	% 9	% 50	% 65	% 55	% 176	% 70
Perthshire 1	Loch Dhu	% 61	% 64	% 39	% 102	% 117	% 92	% 32	% 20	% 113	% 83	% 58	% 147	% 78
" 7	Crieff (Strathearn Hydro)	% 54	% 59	% 68	% 70	% 102	% 53	% 38	% 29	% 74	% 82	% 52	% 156	% 71
" 14	Fincastle House	% 55	% 74	% 22	% 55	% 108	% 72	% 15	% 33	% 86	% 85	% 58	% 157	% 70
Angus 4	Montrose (Royal Mental Hospital)	% 52	% 140	% 75	% 35	% 77	% 46	% 25	% 19	% 104	% 84	% 83	% 180	% 77
Aberdeenshire 1	Braemar (Bank)	% 45	% 128	% 68	% 35	% 86	% 53	% 29	% 26	% 62	% 86	% 40	% 163	% 70
" 2	Dyce (Craibstone)	% 50	% 123	% 67	% 37	% 120	% 105	% 27	% 12	% 87	% 151	% 79	% 168	% 87
" 4	New Deer School House	% 82	% 139	% 81	% 54	% 173	% 60	% 16	% 17	% 83	% 167	% 48	% 176	% 93
Morayshire 2	Fochabers (Gordon Castle)	% 62	% 104	% 62	% 77	% 158	% 75	% 30	% 72	% 63	% 160	% 30	% 199	% 91
Nairnshire 2	Nairn (Achareidh)	% 69	% 119	% 43	% 76	% 116	% 58	% 23	% 16	% 79	% 158	% 24	% 220	% 81
Inverness-shire 2	Glenshero	% 37	% 78	% 32	% 33	% 108	% 56	% 15	% 35	% 137	% 142	% 26	% 153	% 74
" 6	Loch Ness (Garthbeg)	% 53	% 108	% 39	% 41	% 143	% 56	% 17	% 18	% 121	% 153	% 28	% 154	% 79
" 12	Loch Hourm (Kinlochourn)	% 52	% 53	% 24	% 113	% 97	% 108	% 32	% 40	% 145	% 129	% 44	% 122	% 79
" 17	Onich	% 60	% 59	% 16	% 136	% 101	% 133	% 36	% 32	% 164	% 127	% 38	% 122	% 82
" 17	Fort William (Teviot)	% 51	% 57	% 15	% 98	% 87	% 113	% 31	% 27	% 142	% 124	% 32	% 118	% 73
" 18	Skye (Broadford)	% 57	% 58	% 31	% 124	% 66	% 128	% 18	% 26	% 146	% 152	% 29	% 135	% 81
" 18	Skye (Duntulm, Kilmuir)	% 87	% 84	% 41	% 91	% 115	% 224	% 35	% 29	% 181	% 140	% 57	% 118	% 97
Ross and Cromarty 5	Tain (Mayfield)	% 59	% 104	% 56	% 51	% 117	% 53	% 15	% 21	% 70	% 113	% 39	% 177	% 73
" 7	Inverbroom (Glackour)	% 68	% 80	% 40	% 64	% 158	% 67	% 12	% 22	% 131	% 124	% 32	% 133	% 79
" 9	Achnashellach	% 58	% 75	% 34	% 97	% 141	% 127	% 35	% 46	% 156	% 169	% 41	% 139	% 92
Sutherland 4	Tongue	% 68	% 81	% 73	% 52	% 149	% 58	% 16	% 16	% 142	% 142	% 63	% 135	% 85
" 6	Lochinver (Bank House)	% 66	% 84	% 53	% 80	% 101	% 115	% 27	% 38	% 170	% 181	% 54	% 102	% 90
Caithness 2	Wick Airport	% 151	% 138	% 72	% 66	% 123	% 32	% 13	% 21	% 130	% 138	% 74	% 158	% 95

Table 8D. Monthly Rainfall in 1955; the Average, 1881-1915, being taken as 100 (*concluded*)

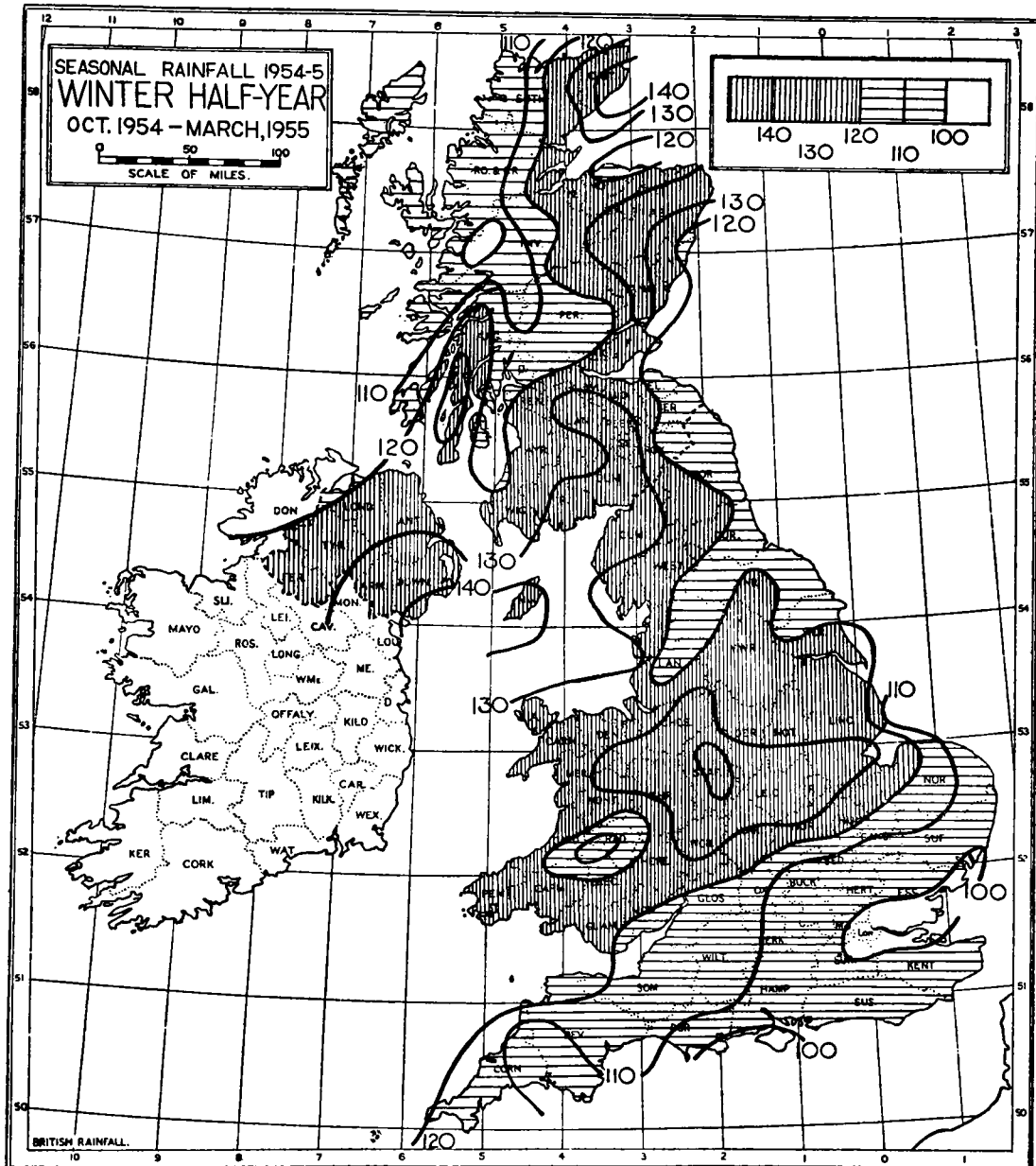
County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Shetland Islands	Lerwick Observatory	% 79	% 96	% 49	% 130	% 96	% 103	% 36	% 30	% 123	% 121	% 53	% 101	% 84
Fermanagh 1	Newtownbutler (Crom Castle)	139	118	25	102	126	151	45	18	145	85	93	95	91
Armagh 5	Armagh Observatory	133	160	46	131	116	171	63	30	147	54	74	132	101
Down 2	Seaforde	132	117	59	84	110	186	114	32	78	67	93	150	101
Antrim 5	Aldergrove Airfield	142	134	35	124	113	160	44	44	182	89	56	115	99
" 5	Ballymena (Harryville)	104	118	24	92	97	136	34	23	151	96	54	98	83
Londonderry 3	Garvagh (Moneydig)	115	130	26	98	133	117	34	16	147	110	55	126	90
" 5	Londonderry (Creggan Reservoir)	140	102	43	91	131	124	29	28	133	103	34	91	84
Tyrone 3	Omagh (Edenfel)	121	98	32	95	110	190	44	21	137	80	56	129	90
England	(General Mean* 60 Stations)	120	109	85	57	178	132	38	35	81	80	70	107	†
Wales	(" " 11 ")	95	75	75	107	179	199	29	32	80	59	73	116	.
England and Wales . .	(" " 71 ")	116	104	83	65	178	143	37	35	81	77	71	108	.
Scotland	(" " 43 ")	73	88	51	81	114	91	36	30	115	110	48	144	.
Northern Ireland	(" " 8 ")	128	122	36	102	117	154	51	27	140	85	64	117	.

* The 'General' values given in the last five rows are obtained by taking the means of the percentage values for the stations. † See Table 10

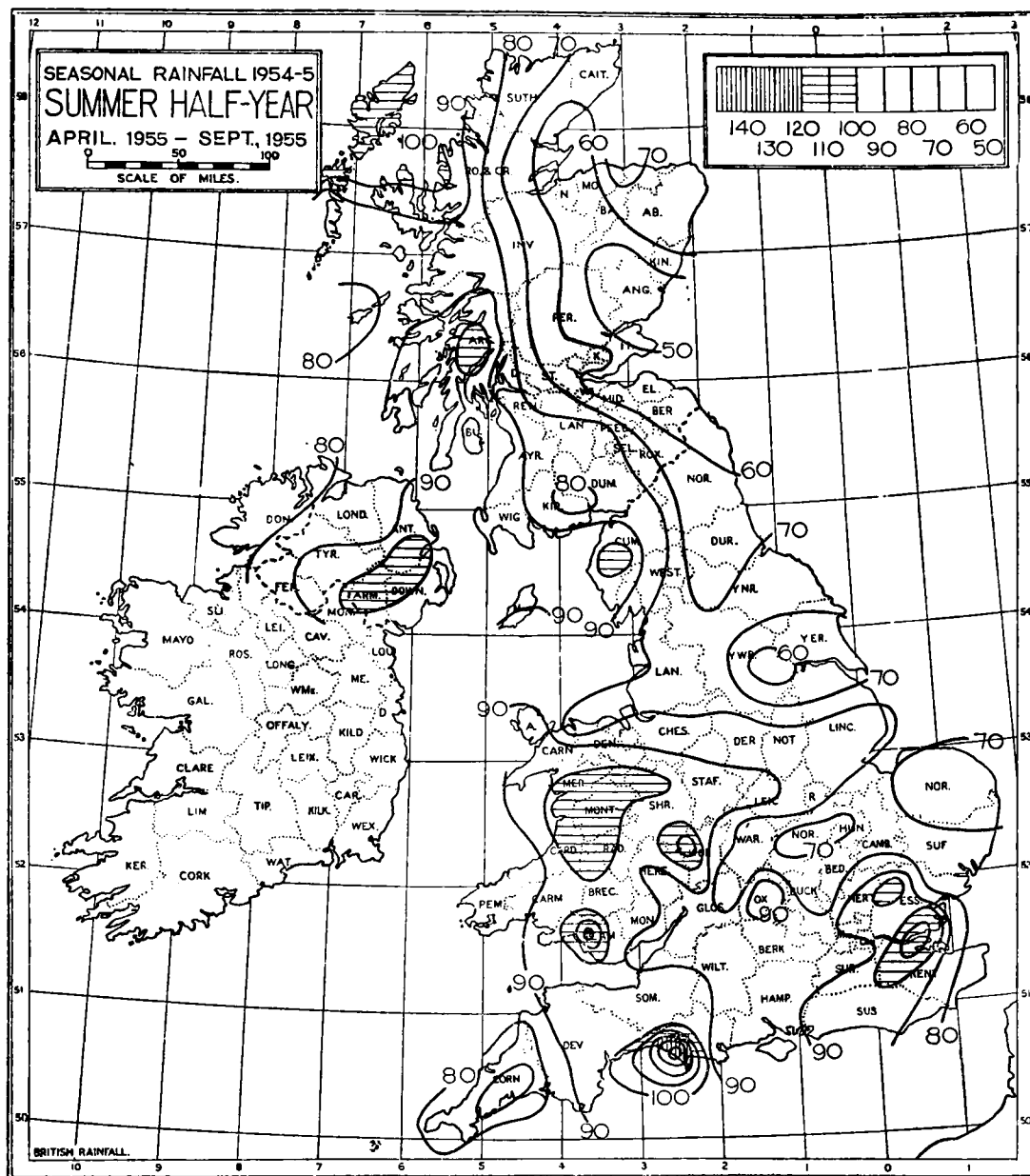
9 Seasonal Rainfall 1954-55

One defect of the calendar year as a unit of time for rainfall purposes is that the early part of a winter is included in one calendar year and the later part in another year. Thus there are definite advantages in considering the rainfall

of the winter and summer separately. Winter rainfall has a special economic importance, for, except in the wettest areas, the summer rainfall is, for the most part, lost by evaporation or absorbed by vegetation.



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



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

In this section the rainfall of the winter season, October 1, 1954, to March 31, 1955, and of the summer season, April 1, 1955, to September 30, 1955, is dealt with, as well as the rainfall of the whole seasonal year, October 1, 1954, to September 30, 1955. It is usual to associate a summer season with the preceding rather than with the following winter season, since the water required in summer for replenishing streams and for the needs of animal and vegetable life is derived,

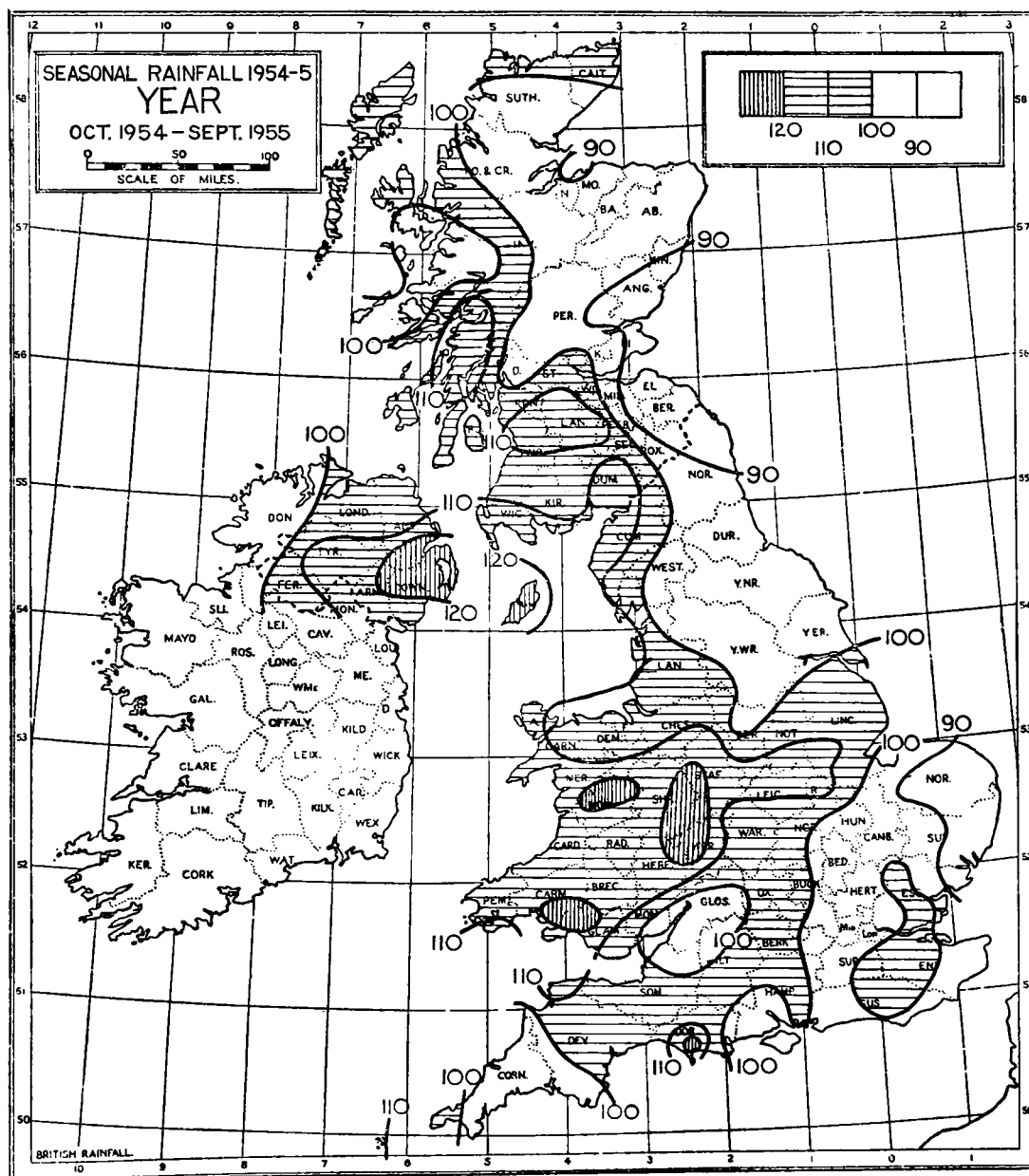
at least in part, from that which has been naturally stored during the previous winter season.

Table 9A contains rainfall values for each of these two seasons as percentages of the average fall for the season at each station. The table gives, in the fourth column, the corresponding percentages for each station for the whole of the seasonal year. These last figures are not always the mean of the percentages for the two seasons, but 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 the winter, is, in general, greater than that for the summer.

The stations in Table 9A are, as far as possible, the same as those used in earlier volumes. The monthly percentage values for these stations are given in Table 8D and the

monthly and annual values in inches are included in Table 8C. Seasonal percentage values for the general rainfall over England and Wales and over Scotland, commencing with the winter October, 1910, to March, 1911, and for Northern Ireland commencing with October, 1920, to March, 1921, are given in Table 9B.



Rainfall, Seasonal Year, as per cent of average

Table 9A. Seasonal Rainfall, 1954-55, as a Percentage of the Average, 1881-1915

Station†	Winter Oct. 1954- Mar. 1955	Summer Apr. 1955- Sep. 1955	Year Oct. 1954- Sep. 1955	Station†	Winter Oct. 1954- Mar. 1955	Summer Apr. 1955- Sep. 1955	Year Oct. 1954- Sep. 1955
St. Pancras (Camden Square)	96	91	94	Abergavenny (Plás Derwen)	124	93	111
Dover (Waterloo Crescent)	104	84	96	Ystalyfera (Wern House)	126	122	125
Edenbridge (Falconhurst)	102	107	104	Cardiff (Penylan)	111	87	101
Compton (Compton House)	106	86	97	Llanddeusant (Pontcrynfe)	126	92	113
Worthing (Beach House Park)	102	94	99	Tenby (The Priory)	126	83	108
Southampton (East Park)	102	87	96	Birmingham W.W. (Tyrmynydd) ..	106	102	105
South Farnborough (R.A.E.)	101	85	94	Lake Vyrnwy (Experimental Station)	132	102	120
Slough (Upton)	108	87	98	Blaenau Festiniog (Oakeley Quarry)	125	99	114
Oxford (Radcliffe Met. Station) ..	109	96	103	Aberdovey (Plás Penhelig)	128	104	118
Wellingborough (Swanspool)	126	69	98	Llandudno (Cricket Ground)	123	71	100
Cambridge (Botanic Gardens)	109	81	95	Llanerchymedd (Llwydiarth Esgob)	124	94	111
March	122	74	97	Douglas (Borough Cemetery)	149	89	123
Hatfield Broad Oak (Barrington) ..	107	107	106	Newton Stewart (Little Barraer) ..	127	91	112
Southend Waterworks	92	112	101	Dumfries (Crichton Royal Institute)	138	71	108
Felixstowe	99	73	87	Eskdalemuir Observatory	133	81	112
Lowestoft (Secondary School)	103	63	83	Crailing	111	61	86
Bury St. Edmunds (Westley Hall) ..	111	71	91	Stobo Castle	133	83	111
Sandringham House Gardens	127	63	96	Marchmont House	116	55	87
Porton (C.D.E.E.)	113	89	103	North Berwick (Gasworks)	111	59	85
Aldbourne (Manor House)	118	81	100	Edinburgh (Blackford Hill)	129	52	90
Creech Grange	100	88	95	Hamilton W.W. (Townhill)	139	78	113
Beaminster (East Street)	110	106	108	Prestwick	124	98	112
Princetown (H.M. Prison)	104	83	96	Glen Afton (Ayr Sanatorium)	127	85	109
Teignmouth (Den Gardens)	116	98	109	Greenock (Prospect Hill)	112	82	100
Ilfracombe (Bowling Green)	125	98	114	Rothsay (Ardencraig)	117	92	104
Bude (School House)	106	76	94	Morvern (Drimnin)	104	88	98
Penzance (Penlee Gardens)	118	78	103	Lochgilthead (Poltalloch)	137	96	119
St. Austell (Poltair Public Gardens)	112	68	95	Inveraray Castle Gardens	116	105	112
Scilly (Tresco Abbey)	129	84	112	Islay (Eallabus)	116	91	105
Taunton (Vivary Park)	119	92	108	Tiree Airport	106	76	97
Cirencester (Royal Agricultural College)	110	78	96	Loch Leven Sluice	128	64	100
Vowchurch (Ladywell House)	123	89	109	Leuchars Airfield	131	47	89
Church Stretton (Sewage Works) ..	125	94	111	Loch Dhu	112	76	98
Shrewsbury (Monkmoor)	137	100	119	Crieff (Strathearn Hydro)	115	57	90
Malvern (Free Library)	130	111	121	Fincastle House	121	58	94
Leamington Spa (Pump Room Gardens)	127	79	103	Montrose (Royal Mental Hospital)	125	48	88
Birmingham (Edgbaston)	137	81	109	Braemar (Bank)	132	47	95
Thornton Reservoir	136	92	114	Dyce (Craibstone)	117	61	91
Boston (Black Sluice, Skirbeck) ..	137	80	109	New Deer (School House)	131	62	99
Skegness (Marine Gardens)	110	95	103	Fochabers (Gordon Castle)	114	75	95
Mansfield (Carr Bank)	123	80	102	Nairn (Achareidh)	125	57	90
Buxton (Terrace Slopes)	129	82	109	Glenshero	121	65	99
Birkenhead (Bidston Observatory) ..	124	80	102	Loch Ness (Garthbeg)	117	64	95
Manchester (Whitworth Park)	137	76	107	Loch Quoich (Glenquoich)	99	87	94
Squires Gate (Blackpool Airport) ..	137	83	112	Onich	118	97	110
Stonyhurst College	114	75	96	Fort William (Teviot)	105	82	96
Garstang (Grizedale Reservoir) ..	124	76	101	Skye (Broadford)	104	83	95
Wakefield (Clarence Park)	127	57	92	Skye (Duntulm, Kilmuir)	104	107	105
Hull (Pearson Park)	129	68	99	Tain (Mayfield)	125	51	91
Felixkirk (Mount St. John)	125	71	98	Inverbroom (Glackour)	105	74	93
York (Museum)	118	69	93	Achnashellach	105	99	103
Scarborough	114	71	93	Loch Shin (Corrykinloch)	103	73	91
Middlesbrough (Albert Park)	118	70	94	Lochinver (Bank House)	103	88	97
Baldersdale (Hury Reservoir)	120	64	95	Wick Airport	149	63	109
Newcastle (Leazes Park)	120	67	94	Lerwick Observatory	107	85	99
Bellingham (Highgreen)	122	63	96	Newtownbutler (Crom Castle) ..	123	89	107
Ilderton (Lilburn Tower Gardens) ..	112	56	86	Armagh Observatory	135	102	119
Geltsdale	131	82	107	Seaforde	140	97	120
Keswick (High Hill)	133	100	119	Aldergrove Airfield	130	105	118
Ravenglass (The Grove)	122	95	109	Ballymena (Harryville)	126	83	106
				Garvagh (Moneydig)	121	84	104
				Londonderry (Creggan Reservoir) ..	116	82	100
				Omagh (Edenfel)	129	92	112

† For Counties see Table 8D.

In the *winter half-year* the rainfall was less than average in two months over England and Wales, and in three months over Scotland. March was the only month in Northern Ireland with less than the average. The general rainfall in each country exceeded the average. Over Scotland and Northern Ireland the winter ranks as the wettest since that of 1938–39, but over England and Wales four winters were wetter since that of 1938–39. The rainfall was more than average nearly everywhere. The extreme percentage range was from 149 at Douglas, Isle of Man, to 92 at Southend in Essex.

In the *summer half-year* May was a wet month generally. July and August were remarkably dry generally. The total rainfall for the season was less than average in most areas. The general rainfall over Scotland was the lowest recorded since seasonal values were

first computed, for 1906–07. There have been seven drier summers during the period in England and Wales. The largest percentage value in the Table is 122 at Ystalyfera, in Glamorgan. It is estimated that, owing mainly to the heavy rain of July 18 and 19, the fall of the summer half-year at Weymouth, Dorset, was 146 per cent of the average. The smallest percentage value, 47, occurred at both Leuchars in Fifeshire and at Braemar in Aberdeenshire.

For the *seasonal year* the rainfall exceeded the average over most western districts, while only slightly less than average occurred over the remaining areas, and almost uniformly over the north and east of Scotland and the north-east of England. The percentage values ranged from 125 at Ystalyfera to 83 at Lowestoft in Suffolk.

Table 9B. Serial Values of Seasonal Rainfall as Percentage of 1881-1915 Average
 Winter half-year: October to March. Summer half-year: April to September.
 Seasonal Year: October to September.

Oct.-Sept.	ENGLAND AND WALES			SCOTLAND			NORTHERN IRELAND		
	Winter	Summer	Year	Winter	Summer	Year	Winter	Summer	Year
1910-11 ..	106	77	93	89	89	89	—	—	—
11-12 ..	136	132	134	114	100	108	—	—	—
12-13 ..	113	88	102	116	85	104	—	—	—
13-14 ..	102	85	95	105	85	97	—	—	—
14-15 ..	131	97	116	114	85	102	—	—	—
15-16 ..	126	96	113	108	110	110	—	—	—
16-17 ..	101	121	110	99	99	100	—	—	—
17-18 ..	85	130	105	109	110	111	—	—	—
18-19 ..	117	81	101	94	90	92	—	—	—
19-20 ..	108	129	117	118	101	111	—	—	—
1920-21 ..	77	66	72	98	87	93	116	77	98
21-22 ..	95	115	104	102	104	103	110	108	109
22-23 ..	94	104	98	88	132	107	96	116	105
23-24 ..	100	147	121	95	134	112	104	152	126
24-25 ..	113	111	112	104	109	106	101	111	106
25-26 ..	100	105	102	97	106	101	103	104	103
26-27 ..	108	145	125	105	139	120	100	107	104
27-28 ..	118	90	105	119	105	113	124	108	117
28-29 ..	89	76	83	85	106	94	99	93	96
29-30 ..	146	127	138	115	112	114	126	108	118
1930-31 ..	103	146	123	110	108	110	112	118	115
31-32 ..	75	122	96	96	105	99	86	104	94
32-33 ..	102	75	90	111	80	97	105	71	89
33-34 ..	74	89	79	77	123	97	70	116	92
34-35 ..	102	113	107	100	109	104	98	94	96
35-36 ..	131	111	122	108	90	100	117	112	114
36-37 ..	128	93	112	110	93	103	123	98	111
37-38 ..	81	91	86	84	115	98	82	106	93
38-39 ..	130	98	115	130	83	110	140	87	115
39-40 ..	119	76	99	80	100	89	120	90	105
1940-41 ..	134	89	113	102	86	95	120	80	101
41-42 ..	87	99	92	94	111	100	117	124	120
42-43 ..	97	102	99	99	122	109	94	119	106
43-44 ..	70	104	85	89	108	98	83	112	97
44-45 ..	109	104	106	118	113	116	120	112	116
45-46 ..	89	138	111	86	115	98	91	121	105
46-47 ..	122	85	105	84	112	95	97	110	103
47-48 ..	88	112	99	100	134	115	109	108	109
48-49 ..	76	77	76	107	92	100	104	81	93
49-50 ..	117	132	123	118	144	129	110	154	131
1950-51 ..	122	116	119	98	105	100	101	95	98
51-52 ..	102	104	103	102	98	100	98	82	90
52-53 ..	84	116	98	77	116	94	77	103	89
53-54 ..	81	119	99	100	121	109	102	111	106
54-55 ..	118	85	103	119	75	99	127	92	111
Average (in.) 1881-1915 ..	19.61	15.62	35.23	29.20	21.12	50.32	20.94	18.72	39.66

10 The Total Fall of Rain in 1955

The General Table, which forms Part II of this volume, gives the total rainfall for the year at over 5,000 stations in Great Britain and Northern Ireland. As many of these totals as practicable have been plotted on a base map on a scale of 16 miles to an inch. The distribution of rainfall has been shown on the map by isohyetal lines or lines of equal rainfall. As the distribution is affected by the orography of the country, the maps of different years resemble each other in their general features. Differences are noticeable only after detailed examination and comparison. The characteristics of a particular year are brought out better by a percentage map, such as that reproduced as a frontispiece to this volume, on which is shown the percentage ratio of the year's rainfall to the local average. The tints on this map are such that blue denotes regions where the 1955 rainfall exceeded the average for the standard period 1881–1915, while red indicates areas with rainfall below this average. Isopleths on the 1955 map are drawn through places where the values of rainfall were respectively 70, 80, 90, 100, 110, 120 and 130 per cent of the average values. The statistics upon which the map is based are set out in Tables 8D and 10B.

The map reproduced as a frontispiece to this volume shows that in 1955 the only parts of the country to record more than the average were around Penzance and in the Scilly Isles; between Dartmouth, Bridgwater and Bournemouth, including the Weymouth Area where heavy rains occurred on July 18; from Eastbourne to Chelmsford; around Abergavenny and Malvern; the Isle of Man, and around Belfast and Armagh. In the Weymouth area the rainfall exceeded 130 per cent

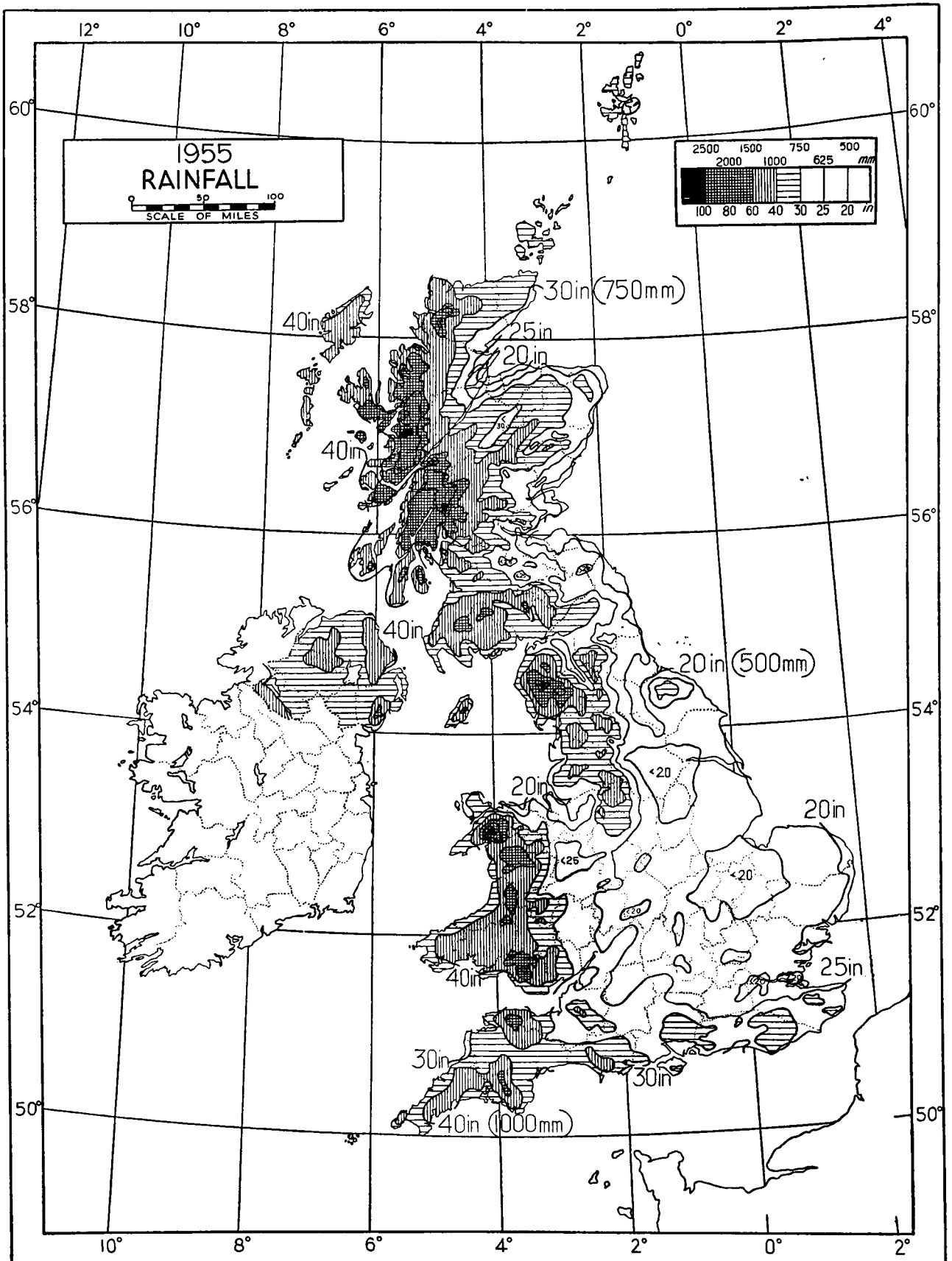
of average. There was less than 80 per cent over small areas around Bristol, Swindon, Reading, Great Yarmouth and Lincoln, as well as over most of northern England as far south as Preston, Stockport and York, and over central and south-eastern Scotland from the Caledonian Canal to the Cheviots. A small area extending from St. Andrews to Edinburgh and Marchmont House recorded less than 70 per cent of average. At Edinburgh the total was the smallest since 1902 and at Marchmont House, Berwickshire, since before 1868.

The percentage values of 215 stations are used to derive general values of rainfall for the year over the larger divisions of the country, which are set out in Table 10A.

Table 10A shows that over England and Wales 1955 had less than the average by 4·3 inches, Scotland by 9·3 and Northern Ireland by 2·9 inches. The total over England and Wales was less than any since 1933 apart from 1953 with 29·8 inches and 1949 with 30·9. Over Scotland only 1870, 1887 and 1933 were drier, with 40·5, 40·4 and 40·3 inches

Table 10A. General Rainfall, 1955, compared with average

Countries	No. of Stations	Average 35 years 1881–1915	1955	
			Per cent	Rainfall
England ..	122	in. 32·67	88	in. 28·7
Wales	18	50·14	88	44·1
England & Wales	140	35·23	88	30·9
Scotland ..	63	50·32	81	41·0
Northern Ireland	12	39·66	93	36·8
Whole area ..	215	40·33	86	34·7



respectively. Over Northern Ireland only three years have been drier since 1920; 1953 with 33·5 inches, 1952 with 36·0 and 1933 with 30·3 inches.

The general distribution of the actual rainfall in 1955 as shown on the accompanying map is similar in its main features to that of other years. Falls of less than 20 inches

occurred over parts of the east of Great Britain from the Moray Firth to London including most of eastern England from the Humber to the Thames. Totals of more than 100 inches were less widespread than usual, occurring only in Snowdonia, the English Lake District and parts of the Western Highlands of Scotland.

Among the largest totals recorded for the year, the following are of interest:—

						<i>in.</i>
England	..	..	Cumberland, Styhead (B)	..	..	139·15
Wales	..	..	Caernarvonshire, Snowdon (Crib Goch)	..	..	129·00
Scotland	..	..	Inverness-shire, Loch Quoich (Cruadhach)	..	..	135·92
Northern Ireland	..	..	County Down, Mourne Mts. (Lough Shannagh)			59·90

Notable among the smallest totals during the year were:—

England	..	..	Cambridgeshire, Upwell (Marmont Priory Lock)	..	15·91
Wales	..	..	Flintshire, St. Asaph (Dwilig Isaf Nurseries)	..	18·85
Scotland	..	..	East Lothian, Dunbar (Public Park)	..	14·15
Northern Ireland	..	..	County Down, Donaghadee (Orlock Reservoir)	..	29·44

Table 10B. Rainfall of 1955 as Percentage of Average, 1881-1915*

County	Station	Per cent of Average	County	Station	Per cent of Average
ENGLAND					
Surrey ..	Reigate (Wray Park Road) ..	92	Yorks, E.R.	Holme on Spalding Moor ..	86
Kent ..	Deal and Walmer Waterworks	93	" ..	Lowthorpe (Woodman's Ctge.)	81
" ..	East Malling (Research Stn.) ..	97	" N.R.	Leyburn (Bolton Hall) ..	78
" ..	Bromley ..	91	" ..	Guisborough (Lockwood Res.)	81
Sussex ..	Horsham (Sewage Displ. Wks.)	79	Durham ..	Barnard Castle (Bowes Museum)	74
" ..	Eastbourne (Wilmington Sq.)	104	" ..	Durham (Houghall Hort. Stn.)	75
Hampshire ..	St. Catherine's Pt. Lighthouse	94	" ..	Allenheads ..	74
" ..	Portsmouth (Southsea Common)	89	Northumb ..	Hallington (Fawcett) ..	77
Berkshire ..	Shinfield (Univ. Hort. Farm)	79	" ..	Morpeth (Cockle Park) ..	78
Hertford ..	Harpenden (Rothamsted) ..	85	" ..	Howick Hall Gardens ..	75
" ..	Royston (Earls Hill House) ..	91	Westmorland	Patterdale Hall ..	77
Buckingham ..	Oving House ..	86	" ..	Ambleside ..	84
Northampton	Kettering (Sewage Works) ..	84	WALES		
Bedford ..	Woburn (Experimental Farm)	85	Glamorgan	Treherbert (Tyn-y-waun) ..	97
Essex ..	Clacton-on-Sea (Hospital) ..	99	Carmarthen	Llanelly (Cwmlliedi W. W.)	94
" ..	Halstead (The Brewery) ..	92	Pembroke ..	Haverfordwest (Hospital Grds.)	87
Norfolk ..	Sprowston ..	84	Cardigan ..	Aberporth ..	83
" ..	Cromer (Howards Hill) ..	85	Montgomery	Newtown (Penarth Weir) ..	91
" ..	Thetford (Waterworks) ..	81	Flint ..	Bodfari (Nantlys) ..	75
Wiltshire ..	Larkhill (School of Artillery)	97	Denbigh ..	Wrexham (Pack Saddle Res.)	90
Dorset ..	Weymouth (Westham) ..	123	SCOTLAND		
Devon, S. ..	Plymouth (Mount Batten) ..	96	Wigtown ..	Port William (Monreith) ..	91
" N. ..	Torrington (Caynton House)	92	Kirkcudbright	Dalry (Forrest Lodge) ..	89
Cornwall ..	Newquay (Mount Wise) ..	89	Dumfries ..	Canonbie (Irvine House) ..	79
" ..	Camelford (Stannon Clay Wks.)	87	Midlothian ..	West Calder (Addiewell) ..	73
" ..	Falmouth ..	94	Ayr ..	Stevenston (Greenhead Filters)	82
Somerset ..	Bath (Henrietta Park) ..	90	" ..	Maybole (Otterden) ..	79
" ..	Long Ashton (Research Stn.)	76	Argyll ..	Carradale (Torrisdale Castle) ..	87
" ..	Street (Millfield) ..	94	" ..	Loch Eck (Benmore) ..	86
" ..	Milverton (Spring Grove) ..	97	" ..	Colonsay ..	83
Gloucester ..	Cheltenham (Montpellier Gdns.)	81	" ..	Glengyle ..	75
Hereford ..	Ross-on-Wye ..	95	" ..	Perth (Wellshill Cemetery) ..	74
Stafford ..	Stafford (Riverway Nurseries)	90	Angus ..	Kirriemuir (Lintrathen) ..	71
" ..	Leek (Wall Grange Pump. Stn.)	79	Aberdeen ..	Aboyne (Irrigation Farm) ..	70
Worcester ..	Stourport (Lincombe Lock) ..	98	Banff ..	Banff ..	83
Lincoln ..	Spalding (Pode Hole) ..	87	" ..	Ballindalloch ..	93
" ..	Cranwell Airfield ..	88	Inverness ..	Inverness (Culduthel Res.) ..	80
" ..	Revesby Reservoir ..	95	" ..	Arisaig House ..	88
" ..	Lincoln (Skellingthorpe Hall)	79	Ross & Crom.	Loch Duich (Ratagan) ..	80
" ..	Brigg (Wrawby Road) ..	80	Sutherland ..	Strath Oykell (Rosehall) ..	87
" ..	Cleethorpes (Kings Parade) ..	89	" ..	Melvich Hotel ..	82
Nottingham ..	Nottingham (The Castle) ..	84	NORTHERN IRELAND		
Cheshire ..	Northwich (Hunts Lock) ..	80	Down ..	Waringstown (The Forge) ..	93
Lancs, C. ..	Wigan W.W. (Worthington) ..	94	Antrim ..	Belfast (Queen's University) ..	104
" N. ..	Barrow-in-Furness (Gasworks)	85	Londonderry	Glenedra Lodge ..	89
" ..	Morecambe ..	80	Tyrone ..	Sion Mills (Sion House) ..	87
Yorks, W.R.	Sheffield (Weston Park) ..	91			
" ..	Huddersfield (Oakes) ..	82			
" ..	Skipton (Chelker Reservoir) ..	75			
" ..	Knaresborough (Water Tower)	80			

* See also Table 8D, pp. 75-78.

11 Evaporation and Percolation in 1955

The purpose of this section is to bring together certain groups of data which have some bearing on the subsequent history of the water which reaches the surface as precipitation. These data, derived from measurements of evaporation, percolation and drainage, were discussed in *British Rainfall* 1951 and 1952, particular attention being drawn to the nature of the instruments used and to the limitations of the measurements made. These matters are given only a brief mention in the present summary.

The 15 *evaporation gauges* are mostly of standard dimensions, 6 feet square and 2 feet deep, the rim projecting about 3 inches above the ground, as described in *British Rainfall* 1939. Details of individual gauges are given in Table 11A. The 10 *percolation gauges*, grouped at four stations, are of various dimensions as given in Table 11B, and some have a surface of bare soil while others carry a crop of turf.

The 5 *drainage gauges*, grouped at two stations (Table 11C), differ from the more usual form of percolation gauge. The simple *seepage gauges* (one at Prescot and two at Lake Vyrnwy) have a depth of 11 and 9 inches respectively, which is regarded as the depth of the top layer of productive soil. In the remaining two at Lake Vyrnwy, the water draining from the base of the seepage column is led to the base of a cylinder 6 feet deep through which it percolates upwards through a chalk core covered by exposed soil. The resultant drainage flows out through a pipe fixed just below the soil surface at the top of the percolation column. This combined seepage-percolation gauge was designed to simulate the processes which operate in the formation of a spring.

Data for 1955

Monthly and annual values of evaporation, as recorded at 15 stations in Great Britain, are given in Table 11A. The list of stations is the same as in 1954 except that records for Kempton Park, Barrow Gurney and Slaidburn (Stocks) are now available, while that at Southport has terminated.

The totals for evaporation are not so markedly different from the average as might be expected from recollections of the "brilliant" summer. The reason for this is that the first three months of 1955 brought temperatures well below the average. Moreover, May and June were also relatively cool, and together these two months gave rather less than the average sunshine, and normally these are the two sunniest months of the year. July was, however, unusually sunny, July and August together being the sunniest July and August over Great Britain since 1911. It will be seen from Table 11A that July gave the largest total for evaporation at each station and August the next largest total at most stations, whereas in an average year June gives the largest amount, followed closely by July, August usually recording less than May. The total sunshine recorded during May to August in 1955 was less than that of 1949 when evaporation totals were much larger.

Percolation gauges. In Table 11B the data for 10 percolation gauges are given; the list of stations is the same as in 1954. These data were contributed by the Engineer, Portsmouth Water Co.; the Director, Lawes Agricultural Trust; the Managing Director, Cambridge Waterworks Co.; and the Water Engineer, Harrogate Waterworks. It is interesting to compare the values of "inferred evaporation" for 1955 with those for the

much wetter year 1954, when the evapotranspiration was well maintained throughout the year. At Farlington, although the rainfall was 7.9 inches less during 1955, yet the evaporation was 1.5 inches more and the percolation as much as 9.4 inches less. At Rothamsted, however, with 6.5 inches less rain, the percolation and evaporation were both less, by 2.9 inches and 3.6 inches respectively. At both Fleam Dyke and Harrogate the "inferred evaporation" was less in 1955 than in the wetter 1954. Thus Farlington, the wettest of the four stations, experienced a greater evaporation in the sunny and dry 1955 than in the wet and dull 1954. At the other stations, with a rainfall less than 24 inches, the evaporation during 1955 only just exceeded 11 inches. It is noticeable that the heavy rains of May and October at Rothamsted were sufficient to give appreciable percolation.

Drainage gauges. The 1955 data for the drainage gauges at Prescott and Lake Vyrnwy, supplied by the Engineer, Liverpool Corporation Waterworks, are set out in Table 11c. These drainage gauges were installed by enclosing undisturbed samples of top soil and sub-soil in pairs, one of which retained the grass crop, while on the other the turf was removed, leaving a surface of bare soil which

has been kept fallow. The Prescott gauges have been operating for twelve years, but during the previous year or so the volume of water collected from the bare gauge has been appreciably less than that draining from the grass-covered gauge, contrary to expectation. It had been noticed that in recent years the soil of the bare gauge had become sodden. In June 1955 the soil core was completely removed from the gauge. It was found that the containing cylinder and supporting wire mesh were in good condition and there was no evidence of leaks, but the bottom 2 or 3 inches of subsoil was leached clay and the soil above was saturated, loamy and cohesive. These visible characteristics appeared rather more pronounced than in local excavation and the soil less fertile and even soggy. The excavated material has now been replaced with garden soil. Under the circumstances observations from this gauge are not included for 1955. It appears therefore that a fallow gauge may, with certain soils, have a limited life due to compaction, after which the evaporation may rise towards the potential value of permanently wet soil. At Lake Vyrnwy the rainfall is taken from an octapent *rain-gauge* sunken with the rim one inch above ground and a felt surround to minimize any risk of insplashing.

Table 11A. Evaporation in 1955

List of Stations	County	Observer	Particulars of Tank				
			Height above		Side	Capa- city	
			Ground	Sea Level			
			ft. in.	ft.	ft. in.	gal.	
Camden Square	London	2 Royal Meteorological Society	0 3	111	6 0	450	
Kew Observatory	Surrey	5 Meteorological Office	0 3	18	6 0	450	
Otterbourne	Hampshire	5 J. Hawksley, Esq. .. .	0 3	112	6 0	450	
Kempton Park	Middlesex	1 Metropolitan Water Board ..	0 3	40	6 0	450	
Rothamsted	Hertfordshire	2 Lawes Agricultural Trust ..	0 3	420	6 0	450	
Ormesby St. Michael ..	Norfolk	2 Gt. Yarmouth Waterworks ..	0 3	21	6 0	450	
Barrow Gurney Reservoir ..	Somerset	1 Bristol Waterworks Co. ..	0 3	300	6 0	450	
Bartley Reservoir	Warwickshire	4 C.A. Risbridger, Esq., M.I.C.E.	0 3	611	6 0	450	
Revesby Reservoir	Lincolnshire	3 D. H. Ball, Esq. .. .	0 6	124	6 0	450	
Slaidburn (Stocks Res.) ..	Yorkshire, W.R.	2 Fylde Water Board .. .	0 3	629	6 0	450	
Ardley Reservoir	Yorkshire W.R.	8 Wakefield Corpn. Waterworks	0 3	392	6 0	450	
Lower Laithe Reservoir ..	"	9 Keighley Corpn. Waterworks	0 6	772	6 0	450	
Harrogate	"	11 J. B. Pooley, Esq. .. .	0 3	549	6 0	450	
Lake Vyrnwy (Exp'l Stn.) ..	Montgomeryshire	5 Liverpool Corpn. Waterworks	0 3	995	6 0	450	
Wrexham	Denbighshire	1 late S. E. Ashmore, Esq. ..	0 3	275	4 0	300	

1955	Camden Square	Kew	Otter- bourne	Kempton Park	Rotham- sted	Ormesby St. Michael	Barrow Gurney	Bartley	Revesby
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
January	c .27	.51	.39	.33	.00	.15	.06	.19	.43
February .. ..	.13	.52	.66	.40	.18	.08	.26	.21	.19
March .. ..	.83	1.28	1.48	.56	.64	.74	1.30	.44	1.06
April	2.35	2.37	2.27	1.81	2.17	1.61	2.11	1.47	1.57
May	2.37	3.23	2.84	2.50	2.92	2.21	2.99	1.89	2.03
June	3.04	3.44	3.10	3.00	2.95	2.54	3.42	2.31	2.58
July	4.54	4.81	3.90	4.19	4.27	3.16	5.19	3.62	3.13
August	3.22	3.87	3.26	3.63	3.34	2.37	4.28	2.64	2.57
September	1.88	1.98	2.13	1.92	2.23	1.41	2.52	1.70	1.59
October .. ..	.76	.83	1.39	1.25	1.28	1.10	1.37	.89	.92
November .. ..	.32	.47	.54	.54	.33	.26	.32	.33	.45
December .. ..	.10	.35	.43	.32	.21	.31	c .14	.37	.31
Year	19.27	23.66	22.39	20.45	20.52	15.94	23.68	16.06	16.83
Average 1908-42 .. ..	..	..	19.71	..	..	17.26	..	17.19	..
Difference .. ..	..	..	+ 2.68	..	..	- 1.32	..	- 1.13	..

1955	Slaidburn	Ardley	Lower Laithe	Harro- gate	Lake Vyrnwy	Wrexham	Mean of 15 records	Average 1908-42
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
January	(c .10)	.28	c .07	.15	.42	.44	.19	.14
February	(.30)	.14	.04	.55	.43	.43	.30	.29
March	(.80)	.72	.18	1.14	1.13	1.17	.90	.79
April	1.56	1.67	1.41	1.52	1.71	2.11	1.85	1.62
May	2.47	1.99	2.30	2.29	2.71	2.96	2.51	2.53
June	2.69	2.31	2.31	2.77	2.30	2.87	2.78	3.07
July	4.06	3.78	4.25	4.11	3.66	5.10	4.12	2.98
August	2.84	2.95	2.68	2.84	2.96	4.00	3.16	2.44
September	1.49	1.89	1.67	2.12	1.62	2.77	1.93	1.59
October .. ..	.90	1.09	.86	1.19	.76	1.62	1.08	.84
November .. ..	.31	.45	.17	.56	.44	.57	.40	.34
December .. ..	.12	.34	c .04	.26	.95	.41	.29	.15
Year	17.44	17.61	15.76	19.50	19.09	24.45	19.51	16.78
Average 1908-42 .. ..	..	17.59	15.10	19.53	..	..	..	..
Difference .. ..	..	+ .02	+ .66	- .03	..	..	..	..

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

Table 11B. Rainfall, Percolation and Inferred Evaporation in 1955

1955	Farlington, Hants Gauges 36-inch diameter				Rothamsted, Herts 1000 acre gauges		Fleam Dyke, Cambs 1000 acre gauges		Harrogate Yorks Gauge 3ft. x 3ft.				
	Rain- fall	Percolation			Percolation*		Percolation		Rain- fall	Perco- lation			
		24" Chalky Marl**	36" Sand||	36" Chalk||	Rain- fall†	20" Soil	60" Soil	36"* Chalk			36"‡ Chalk		
January ..	3.57	2.96	2.93	2.92	2.80	in.	2.95	in.	2.07	1.98	in.	1.62	1.79
February ..	1.70	1.17	1.14	1.16	1.22	2.62	1.19	2.20	1.83	1.00	1.98	1.83	1.58
March ..	1.31	.40	.36	.45	.54	1.34	.46	1.82	1.54	.74	1.98	1.98	1.34
April ..	.45	.01	.01	.15	.18	.44	.09	.00	.39	.06	.97	.97	.24
May ..	4.08	.55	.32	.15	.43	4.56	.20	1.92	1.74	.05	2.49	2.49	.61
June ..	2.74	.52	.46	.54	.60	2.00	.56	.64	1.94	.47	1.77	1.77	.22
July ..	1.80	.11	.04	.04	.03	.20	.00	.00	.21	.01	1.20	1.20	.28
August ..	1.44	.00	.00	.01	.01	.75	.00	.00	.84	.00	1.09	1.09	.11
September ..	2.01	.00	.00	.00	.00	1.71	.00	.01	2.21	.13	1.59	1.59	.13
October ..	2.68	.00	.00	.00	.00	3.05	.00	1.57	2.80	.00	2.14	2.14	.63
November ..	1.96	.89	.00	.00	.08	1.95	.00	1.63	.78	.75	2.39	2.39	2.10
December ..	4.20	3.53	2.68	1.84	2.96	2.44	2.34	1.73	1.24	.84	4.04	4.04	3.48
Year ..	27.94	10.14	7.94	7.26	8.85	23.30	7.79	12.70	17.59	6.70	23.11	23.11	12.51
Inferred Evaporation	..	17.80	20.00	20.68	19.09	..	20.15	10.60	..	10.89	..	..	10.60

† Values obtained from 5 inch gauge.

* Through bare unworked soil.

** Depths include 12 in. of top soil and turf.

|| Depths include 6 in. of top soil and turf.

†† Through turfed soil.

Table 11c. Drainage Observations in 1955

1955	Prescot, Lancashire		Lake Vyrnwy, Montgomeryshire					
	Rainfall	Seepage* Gauge	Rainfall	Seepage* Gauges		Percolation† Gauges		
		Turfed Soil		No. 1 Bare Soil	No. 2 Turfed Soil	No. 3 Grass covered over chalk	No. 4	
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	
January	2.51	2.06	5.21	4.59	4.61	4.27	4.28	
February	2.29	1.35	3.30	2.33	2.44	2.20	2.34	
March	1.87	1.60	3.80	3.86	4.19	3.68	3.83	
April	2.03	.89	3.45	1.94	2.07	1.82	1.89	
May	3.10	1.23	8.54	6.79	7.45	7.04	7.02	
June	3.96	1.54	5.97	3.65	3.85	3.75	3.90	
July .. ..	.75	.16	1.24	.75	.76	.71	.74
August	1.56	.24	2.18	.49	.41	.00	.00	
September	2.79	.46	2.43	.37	.12	.00	.00	
October	2.39	.56	3.60	1.98	2.27	1.58	1.89	
November	1.85	1.09	3.94	3.17	3.69	3.55	3.57	
December	4.06	2.60	9.08	7.37	8.19	7.94	7.97	
Year	29.16	13.78	52.74	37.29	40.05	36.54	37.43	
Soil Evaporation ..	..	15.38	..	15.45	12.69	16.20	15.31

* The receiving surface of the Seepage gauge is ten times the receiving surface of a 5-inch diameter rain-gauge.

† The receiving surfaces of the Percolation gauge are together thirteen times the receiving surface of a 5-inch diameter rain-gauge.

METEOROLOGICAL OFFICE

BRITISH RAINFALL ORGANIZATION

BRITISH RAINFALL, 1955

PART II

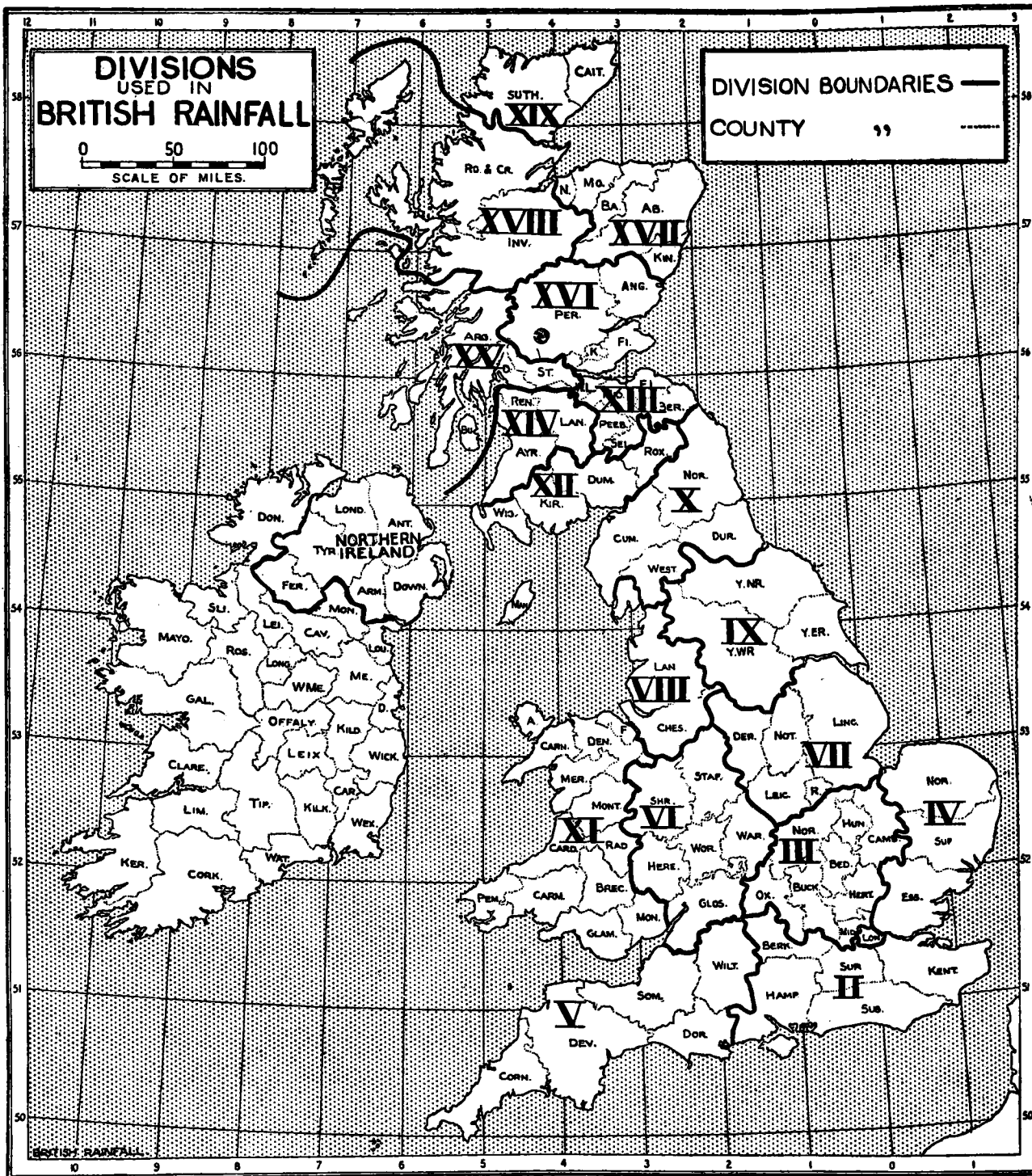
General Table of

Total Rainfall in 1955

at Stations in Great Britain and Northern Ireland with the names
of the Observers or other Authorities
for the Observations

M. O. 629a

AIR MINISTRY



General Table of Total Rainfall in 1955

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. They are shown on the map facing this page.

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. Lists were also included showing the various river-divisions in each of the main catchment areas over the British Isles. The areas of some river basins have been redetermined since these lists were first published. The sequence of river divisions in Great Britain proceeds anti-clockwise from the Solway Firth. For example, in the West Riding of Yorkshire there are four divisions for rivers flowing to the Irish Sea, followed by eight divisions for rivers tributary to the Humber. To the names of river-divisions "& C" is added to indicate "and other streams flowing into the sea," while "& c" means "and some land draining to the main river."

An index of River Basins, indicating the various river-divisions in each county included in the main river-basins of the British Isles, was included after this Explanatory Note in *British Rainfall*, 1937 and 1938.

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 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. "Royston (Therfield Rectory)" means Therfield Rectory, near Royston. There is an exception where the position of stations on open moors can be related better to a waterworks undertaking and in these instances the authority is given initially.

Stations the names of which are printed in small capitals, e.g. KENSINGTON PALACE, are climatological stations reporting to the Meteorological Office.* For the majority of these a summary of the climatological observations is printed in the *Monthly Weather Report*, and the name in small capitals is that used in that publication.

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

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.

* In the case of Division I small capitals are also used to indicate the names of London Boroughs.

The use of mechanical gauges for measuring the total rainfall is not recommended by the Meteorological Office and the number of records marked (R) is therefore small.

(+A) denotes that the amount of rainfall is taken from an ordinary gauge but that the equipment also includes an autographic instrument.

Gauges which have been 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 light-houses) which are also over-exposed.

A column giving the annual average rainfall expressed to the nearest tenth of an inch has been included since 1926. The averages are printed in ordinary type if they are either the mean of the annual values for the standard period 1881 to 1915, or, with shorter records, if they have been reduced by accepted methods to the standard period. In such cases all the available information has been used in the computation of the averages, means for stations with short records being weighted to the standard period 1881 to 1915 by com-

parison with nearby stations with records complete from 1881 to date. Averages determined by authorities other than the Meteorological Office are printed in italics, since they may subsequently be revised. The average is also given in italics if it is the mean for twenty or more years other than the standard period or if the mean has been weighted to some other period. Averages for the standard period of 35 years, 1881 to 1915, are always preferred for entry in the table.

A few entries of total rain will be found in brackets—indicating that the values have been corrected, e.g. when appreciable 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 ...

COUNTY INDEX TO GENERAL TABLE

ENGLAND

Bedfordshire 121	Herefordshire 142	Oxfordshire 119
Berkshire 114	Hertfordshire 116	Rutland 149
Buckinghamshire 118	Huntingdonshire 121	Shropshire 143
Cambridgeshire 122	Kent 104	Somerset 137
Cheshire 155	Lancashire 157	Staffordshire 144
Cornwall and Isles of Scilly 136	Leicestershire 148	Suffolk 126
Cumberland 175	Lincolnshire 149	Surrey 101
Derbyshire 152	London 100	Sussex 107
Devonshire 132	Middlesex 115	Warwickshire 147
Dorset 130	Monmouthshire 178	Westmorland 176
Durham 172	Norfolk 127	Wiltshire 129
Essex 123	Northamptonshire 120	Worcestershire 146
Gloucestershire 141	Northumberland 174	Yorkshire 162
Hampshire 111	Nottinghamshire 151	

WALES

Anglesey 188	Caernarvonshire 187	Merionethshire 186
Brecknockshire 181	Denbighshire 185	Montgomeryshire 184
Cardiganshire 181	Flintshire 185	Pembrokeshire 180
Carmarthenshire 180	Glamorgan 178	Radnorshire 183

ISLANDS

Isle of Man 188	Channel Islands 188
-----------------------	---------------------------

SCOTLAND

Aberdeenshire 208	East Lothian 193	Peeblesshire 192
Angus 207	Fifeshire 204	Perthshire 204
Argyllshire 201	Inverness-shire 210	Renfrewshire 199
Ayrshire 197	Kincardineshire 208	Ross and Cromarty 212
Banffshire 209	Kinross-shire 203	Roxburghshire 191
Berwickshire 192	Kirkcudbrightshire 189	Selkirkshire 191
Buteshire 201	Lanarkshire 195	Shetland Islands 214
Caithness 214	Midlothian 193	Stirlingshire 200
Clackmannanshire 203	Morayshire 209	Sutherland 213
Dunbartonshire 199	Nairnshire 209	West Lothian 194
Dumfriesshire 190	Orkney Islands 214	Wigtownshire 189

NORTHERN IRELAND

Antrim 216	Fermanagh 214
Armagh 215	Londonderry 216
Down 215	Tyrone 217

England and Wales

DIVISION I—LONDON (Area 117 sq. mi.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain-fall	1955							
				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				
1.—THAMES. Right Bank Tributaries. 67 sq. mi.				in.	ft.	in.	ft.	in.						
BERMONDSEY														
D	Southwark Park	..	..	..	London County Council	..	5	1	0	9	24.4	20.50	134	93
LAMBETH														
D	Brockwell Park	..	..	(+A)	London County Council	..	5	1	0	144	23.8	22.91	138	102
D	Brixton Hill Reservoir	..	..	..	Metropolitan Water Board		5	1	0	121	23.9	20.83	141	89
BATTERSEA														
d	Battersea Park	..	..	..	London County Council	..	5	1	0	13	23.2	21.53	...	86
WANDSWORTH														
d	Tooting Bec (Moring Road)	..	..	..	H. J. Lewis, Esq.	..	5	1	2	150	...	22.96	...	104
D	Streatham Hill Reservoir	..	..	..	Metropolitan Water Board		5	1	0	202	23.3	20.89	135	88
D	Putney Heath Reservoir	..	..	(+A)	Metropolitan Water Board		5	1	0	184	...	19.66	139	96
D	Streatham (Furzedown Rec. Ground)	..	..	..	P. V. Marchant, Esq., C.E.		5	1	6	89	24.7	21.20	131	106
D	Southfields (Coronation Gardens)	..	..	..	P. V. Marchant, Esq., C.E.		5	1	6	37	23.6	19.09	125	89
d	Dulwich (Belair)	..	..	..	J. J. Heasman, Esq.	..	5	1	0	150	...	20.25	...	81
CAMBERWELL														
D	Nunhead Reservoir	..	..	..	Metropolitan Water Board		5	1	0	175	...	20.48	140	96
DEPTFORD														
D	Telegraph Hill	..	..	..	London County Council	..	5	1	0	150	...	20.04	134	95
D	Waterworks	..	..	..	Metropolitan Water Board		5	1	0	20	23.0	19.59	116	85
GREENWICH														
D	Deptford (Pumping Station)	..	..	(+A)	London County Council	..	8	1	6	15	22.4	20.02	131	88
D	Blackheath (Hassendean Road)	..	..	..	Miss D. Norton	..	8	2	0	100	...	20.58	134	95
D	GREENWICH (Nat. Maritime Museum)	..	..	..	Director, for M.O.	..	8	1	0	24	...	20.10	143	92
LEWISHAM														
d	Forest Hill Reservoir	..	..	(+A)	Metropolitan Water Board		5	1	0	339	...	20.73	...	...
WOOLWICH														
d	§Eltham (High Street)	..	..	(+A)	Metropolitan Water Board		5	1	0	245	23.2	20.66	...	...
2.—THAMES. Left Bank Tributaries. 50 sq. mi.														
KENSINGTON														
D	Holland House	..	..	..	London County Council	..	5	1	0	68	23.9	21.10	153	88
D	Campden Hill Reservoir	..	..	(+A)	Metropolitan Water Board		5	1	0	138	24.5	19.48	132	88
D	KENSINGTON Palace	..	..	(+A)	Ministry of Works, for M.O.		5	1	0	80	24.2	20.67	131	87
HAMMERSMITH														
D	Pumping Station	..	..	(+A)	London County Council	..	5	6	0	19	23.2	19.62	131	85
FULHAM														
D	Bishop's Park	..	..	(+A)	Borough Engineer	..	5	0	8	15	22.6	20.51	147	92
CHELSEA														
D	Physic Garden	..	..	..	Curator	..	5	1	0	20	23.4	20.13	127	89
WESTMINSTER														
d	Western Pumping Station	..	..	(+A)	London County Council	..	8	1	9	16	...	20.34	121	89
D	Buckingham Palace	..	..	..	Mr. F. C. Nutbeam	..	5	8	0	35	23.5	19.94	118	91
D	ST. JAMES'S PARK	..	..	(+A)	Ministry of Works, for M.O.		8	1	0	27	22.4	21.58	133	92
ST. MARYLEBONE														
D	REGENT'S PARK	..	..	..	Ministry of Works, for M.O.		5	1	0	129	...	20.94	128	92
HAMPSTEAD														
D	OBSERVATORY	..	..	(+A)	Hampstead Scientific Society (E. L. Hawke, Esq., M.A.)		8	1	0	450	26.3	21.49	154	96
D	Golders Hill Park	..	..	..	London County Council	..	5	1	0	350	26.2	24.45	160	113

§ Turf wall round gauge.

DIVISION I—LONDON—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in. or more	·04 in. or more
				Ground	Sea Level				
2.—THAMES. Left Bank Tributaries—(contd.)									
ST. PANCRAS									
D CAMDEN SQUARE (+A)	Royal Meteorological Soc.	5	1	0	110	24·5	21·35	146	90
STOKE NEWINGTON									
D New River Filter Beds.. ..	Metropolitan Water Board	5	1	0	101	23·1	20·76	121	90
D New River Res. (Lordship Rd.) (+A)	Metropolitan Water Board	5	1	0	105	23·5	20·95	136	92
HACKNEY									
D Clapton Pond (+A)	Borough Engineer	5	1	0	68	22·8	21·64	151	99
FINSBURY									
d New River Head	Metropolitan Water Board	5	1	0	104	...	21·82	...	...
BETHNAL GREEN									
d Victoria Park	London County Council ..	5	1	0	43	23·1	21·66	...	...
POPLAR									
D Isle of Dogs (Island Gardens) ..	London County Council ..	5	1	0	18	21·9	18·33	119	76
D Old Ford (Pumping Station) ..	Metropolitan Water Board	5	1	0	18	22·9	20·04	127	92
D Old Ford (Penstock House) ..	London County Council ..	8	0	10	39	22·4	18·80	124	86
WOOLWICH									
D Barking Outfall	London County Council ..	5	0	10	24	20·8	19·09	113	82

DIVISION II—SOUTH-EASTERN COUNTIES

SURREY. (Area, 725 sq. mi.)

1.—ARUN. 45 sq. mi.									
D Hambledon (Vann Pumping Station)	Guildford Water Bd. ..	5	1	0	200	...	29·69	147	111
D Godalming (Burgate)	Mr. T. Hopkins	5	1	0	320	...	29·48	141	113
2.—MEDWAY. 50 sq. mi.									
D Dormans Park (Chartham Park) ..	I. D. Margary, Esq. ..	5	1	0	270	31·2	28·61	149	108
D Dormans Park (Yew Lodge) ..	Mrs. I. D. Margary ..	5	1	0	260	30·6	28·52	160	110
D Lingfield (Sewage Works) .. (+A)	Godstone R.D.C.* ..	5	1	0	155	28·2	24·65	154	98
D Limpsfield (Paines Hill) ..	East Surrey Water Co. ..	5	1	0	310	...	27·43	142	113
D Limpsfield & Oxted Sewage Wks. (+A)	Godstone R.D.C.* ..	5	1	0	236	...	25·67	154	101
M Limpsfield (Kent Hatch Reservoir) ..	East Surrey Water Co. ..	5	1	0	664	...	28·38	...	...
M Limpsfield (Briars Court) ..	J. H. Massey, Esq. ..	5	1	0	550	...	28·15	...	...
3.—THAMES. Darent. 22 sq. mi.									
D Westwood (Pumping Station) ..	East Surrey Water Co. ..	5	1	0	418	28·5	26·33	127	104
d Warlingham Park Hospital ..	Croydon Corporation ..	8	1	0	600	32·0	26·60	143	108
D Addington (Hares Bank Pump. Stn.)	Croydon Corporation ..	8	1	0	331	28·4	24·13	150	105
D Addington (Abbotswood) ..	H. C. Hawkins, Esq. ..	5	0	11	390	...	23·59	138	102
D ADDINGTON Hills Reservoir ..	Croydon Corporation ..	8	1	0	472	27·9	23·99	152	105
4.—THAMES. Wandle. 71 sq. mi.									
D Kingswood (Margery Hall Res.) ..	Sutton District Water Co. ..	5	1	0	691	30·2	28·09	155	114
d Kingswood (The Chase) ..	H. J. Gosney, Esq. ..	5	1	0	550	...	26·48	154	109
Woldingham Reservoir ..	East Surrey Water Co. ..	5	1	0	841	32·9	28·75	...	...
D Caterham Reservoir ..	East Surrey Water Co. ..	5	1	0	704	32·5	28·05	155	122
D Caterham (Alderstead Heath) (+A)	Coulsdon & Purley U.D.C. ..	5	1	0	577	31·4	28·79	153	113
D Chelsham & Woldingham W.W. ..	East Surrey Water Co. ..	5	1	0	478	32·5	26·71	143	111
D Caterham (White Knobs Way) ..	Miss V. K. Isaac ..	5	1	0	500	32·8	29·04	174	124
D Banstead (Burgh Heath Reservoir) ..	Sutton District Water Co. ..	5	1	0	582	30·8	26·56	152	116
D Chipstead (How Green Reservoir) ..	Sutton District Water Co. ..	5	1	0	528	31·1	25·51	150	107
D Coulsdon (The Vale) ..	H. E. W. Hollobone, Esq. ..	5	1	6	318	...	25·78	141	110

* Per Surrey County Council.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SURREY—(contd.)									
4.—THAMES. Wandle—(contd.)									
D Kenley (Refuse Disposal Works) (+A)	Surveyor	5	1	0	286	29·7	25·30	146	107
D Kenley (Pumping Station)	East Surrey Water Co. ..	5	1	0	275	29·0	23·94?	143	110
D Coulsdon (Midday Sun Allotments.) (+A)	Coulsdon & Purley U.D.C.*	5	1	0	325	...	25·12	153	104
D Woodcote Park Golf Club .. (+A)	Coulsdon & Purley U.D.C.*	5	1	0	450	28·1	25·12	152	106
D Purley (Selcroft Road)	Miss C. Porter	5	1	0	400	28·7	24·65	134	95
D Purley (Woodcote Valley Road) ..	C. Stuart Bailey, Esq. ..	5	1	0	310	29·5	24·79	145	103
D Purley (Pumping Station)	East Surrey Water Co. ..	5	1	0	214	29·3	24·59	147	111
D Purley (Pampisford Road)	C. Knight, Esq.	5	0	6	250	...	24·15	141	107
D Sanderstead (Beechwood Road) ..	G. M. Davies, Esq.	5	1	0	320	...	23·75	138	101
D Purley (Oaks Depot) (+A)	Coulsdon & Purley U.D.C.*	5	1	0	190	...	22·82	155	102
D CROYDON Airport (+A)	Meteorological Office ..	5	1	0	201	26·7	21·60	140	90
D Croydon (Cromham Valley Road) ..	F. A. Reynolds, Esq. ..	5	1	0	350	...	23·69	137	108
D Carshalton (Pumping Station) ..	Surveyor, U.D.C.	5	1	0	84	25·9	19·88	140	96
D Beddington (Sewage Farm)	Croydon Corporation ..	5	1	0	129	24·5	21·51	148	95
D Beddington Park (+A)	Borough Council*	5	1	0	108	24·1	22·32	131	97
D Croydon (Northampton Road) ..	Mrs. Vera Higgins	5	1	0	210	26·9	21·04	143	90
D Mitcham (London Road) (+A)	Mitcham Borough Council*	5	0	11	62	22·6	21·63	141	94
D Wimbledon (Durnsford Road) (+A)	T. Webster, Esq., C.E.* ..	5	1	0	58	22·6	19·16	122	92
5.—THAMES. Mole & c. 229 sq. mi.									
D HORLEY (Worth Park Nurseries) ..	F. M. Gurteen, Esq.	5	1	0	195	...	26·66	150	108
D Horley (Tinsley Sewage Works) ..	M. Milne, Esq., B.Sc. ..	5	1	0	210	...	25·83	148	108
D Horley (Yew Trees)	Miss M. Macleod	5	1	0	180	...	24·98	158	100
D Ranmore (Denbies)	Mr. S. C. Westbrook ..	5	1	0	620	32·2	27·25	152	116
D Ranmore Common (Fox Cottage) ..	W. H. E. Rivett, Esq. ..	5	1	0	631	...	27·17	145	117
D Dorking (Pixham Lane S. Wks.) (+A)	Dorking U.D.C.*	5	1	0	138	29·8	26·11	140	107
D Godstone (Pumping Station)	East Surrey Water Co. ..	5	1	0	353	...	24·79	137	107
D Earlswood (Sewage Farm) .. (+A)	G. G. Sanderson, Esq., C.E.	5	1	6	196	27·2	24·90	146	104
D Bletchingley (Brewer Street)	East Surrey Water Co. ..	5	1	0	410	...	26·83	...	...
D Bletchingley (St. Catherine's School)	Headmaster	5	1	0	430	...	25·72	141	103
D Redhill (London Road)	East Surrey Water Co. ..	5	1	0	270	28·4	26·25	154	108
D Reigate (Wray Park Road)	W. J. MacAndrew, Esq. ..	5	1	0	330	29·8	27·34	142	109
D Reigate (Castle Grounds)	G. G. Sanderson, Esq., C.E.	5	2	0	320	29·3	26·33	143	108
D Reigate (Clifton's Lane)	East Surrey Water Co. ..	5	1	0	278	...	25·80	...	...
D Bletchingley (South Park Farm) ..	Major U. H. Lambert ..	5	1	4	340	28·7	24·45	152	110
D Merstham (Gatton Point)	C. F. Bull, Esq.	5	1	0	300	29·2	26·42	158	110
D Merstham (Sewage Works)	G. G. Sanderson, Esq., C.E.	5	1	0	266	...	26·43	146	113
D MICKLEHAM (Juniper Hall)	C. Promotion Field Studies	5	1	0	179	...	23·61	142	102
D Effingham Reservoir	East Surrey Water Co. ..	5	1	0	363	29·3	24·13	...	...
D Headley Reservoir	East Surrey Water Co. ..	5	1	0	629	32·0	26·82	151	113
D Mertsam (Merstham Lodge)	J. F. E. Goad, Esq.	5	0	11	500	...	28·63	161	117
D Headley (The Hurst)	Miss D. J. Lyall	5	1	0	420	30·6	26·77	161	111
D Leatherhead (Elmer Softening Wks.) (+A)	East Surrey Water Co. ..	5	1	0	168	...	23·50	144	96
D Leatherhead (Thorncroft Manor) ..	Brit. Elec. & Allied Industries	5	1	0	108	...	25·41	156	109
D Leatherhead (Tyrrells Wood)	E. H. Cutbill, Esq.	5	1	0	410	...	25·64	...	...
D Tadworth (Pumping Station)	Banstead U.D.C.	5	1	0	405	...	24·34	157	109
D Leatherhead (Sewage Works) (+A)	F. J. Southam, Esq.* ..	5	1	0	104	25·9	22·61	134	97
D Epsom (Downs Road)	Borough Water Engineer	5	1	0	400	...	23·93	144	104
D Cobham (Towngate)	E. Boughton, Esq.	5	1	0	160	...	21·49	137	99
D Epsom College	S. A. Weare, Esq.	8	1	6	300	26·9	22·61	154	98
D Cobham (Sewage Works)	Esher U.D.C.	8	1	0	71	...	20·02	151	96
D Banstead (Green Curve)	J. Tilley, Esq.	5	1	0	450	...	24·46	153	108
D Epsom (Sewage Farm)	Surveyor*	8	1	0	125	...	22·39	133	95
D Epsom (Waterworks)	Borough Water Engineer	5	1	0	150	...	22·30	147	97

* Per Surrey County Council.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SURREY—(contd.)									
5.—THAMES. Mole & c.—(contd.)									
D Whiteley Village	Whiteley Homes Trust ..	8	3	4	190	24.3	20.79	150	95
D Cheam (Bramley Road)	R. P. Taylor, Esq.	5	1	0	174	...	21.41	133	96
D Sutton (Waterworks)	Sutton District Water Co. ..	5	1	0	161	25.4	20.02	132	93
D Sutton (Sewage Works)	(+A) N. H. Michell, Esq., C.E.*	5	1	0	99	24.7	19.60	139	87
D Epsom (Ruxley Lane S. Wks.) ..	(+A) Surveyor*	5	1	6	76	23.2	19.22	130	89
D Weybridge (Weyland S. Wks.) ..	(+A) Walton & Weybridge U.D.C.*	5	1	0	50	22.8	19.06	135	91
D Esher (Sewage Works)	(+A) Esher U.D.C.*	5	1	0	44	...	18.45	137	88
D Worcester Park (Sewage Wks.) ..	(+A) N. H. Michell, Esq., C.E.*	5	1	0	68	24.4	20.63	126	88
D Old Malden (Sports Ground) ..	(+A) Malden & Coombe B.C.* ..	5	0	8	64	24.3	21.34	134	95
D Surbiton (Seething Wells)	Metropolitan Water Board ..	5	0	10	34	24.5	20.07	142	95
D Surbiton (Sewage Disp. Works) ..	(+A) Borough Engineer*	5	1	0	51	23.1	18.81	136	90
D West Molesey (Walton Works) ..	Metropolitan Water Board ..	5	1	0	35	23.1	18.14	125	80
D New Malden (Sewage Works) ..	(+A) Malden & Coombe B.C.* ..	5	0	10	51	22.8	19.47	135	87
D New Malden (Acacia Grove)	A. C. Josling, Esq.	5	1	0	50	...	21.07	157	94
D Morden Hall	(+A) W. S. Scott, Esq., B.Sc. (Eng.)	5	1	2	117	...	20.67	142	98
D Merton (Joseph Hood Rec. Ground)	W. S. Scott, Esq., B.Sc. (Eng.)	5	1	0	48	23.5	20.00	139	93
D Merton Park (Mostyn Road)	A. T. Bench, Esq.	5	1	0	55	...	21.17	145	97
D New Malden (High Drive)	Mrs. Ben. G. Brame	5	1	0	60	24.1	20.15	141	92
D Kingston (Canbury Gardens) ..	(+A) G. C. Stedman, Esq.* ..	5	1	0	25	22.7	19.40	137	87
D Raynes Park (Cottenham Pk. P.S.)	(+A) T. Webster, Esq., C.E.* ..	5	1	0	50	23.9	20.64	141	91
D New Malden (Kingston Vale) ..	(+A) Malden & Coombe B.C.* ..	5	1	1	47	...	20.93	132	100
D Richmond (Terrace Gardens) ..	G. Humphreys, Esq.	5	1	3	29	23.5	19.35	141	94
D East Sheen (Cemetery)	(+A) Barnes Corporation* ..	5	0	10	88	24.4	19.46	139	91
D KEW OBSERVATORY	(+A) Meteorological Office ..	8	1	0	18	23.8	18.21	127	88
D Kew (Royal Botanic Gardens) ..	Director	5	1	0	18	23.4	19.74	140	99
D Barnes (Barn Elms)	Metropolitan Water Board ..	5	1	4	16	22.9	19.52	124	85
6.—THAMES. Wey. 236 sq. mi.									
D Shottermill (Sewage Works) ..	(+A) Surveyor*	5	1	7	381	35.2	31.22	150	123
D Hindhead (Waterworks)	Wey Valley Water Co.	5	1	0	839	34.5	31.26	158	117
D Churt (Firdown)	W. E. Livock, Esq.	5	1	0	500	...	29.83	142	106
D Cranleigh (Lambwood)	Guildford Water Bd.	5	0	10	300	...	29.10	157	111
D Cranleigh (Sewage Works) ..	(+A) Surrey County Council ..	5	1	0	154	...	26.76	147	115
D Hascombe (Olivers)	Miss F. C. Musgrave	5	1	0	361	31.7	30.30	147	118
D Hascombe (Winkworth Hanger) ..	Sir John Wenham	5	1	0	430	...	29.72	156	117
D Witley (King George V Sanatorium)	Dr. J. V. Hurford	5	1	0	305	...	29.19	146	116
D Ewhurst (Copse Hill)	Mr. A. P. Clow	5	1	6	670	...	28.22	145	117
D Milford (Kennel Moor)	G. S. Sansom, Esq., D.Sc. ..	5	1	0	180	...	27.46	...	...
D Godalming (Borough Road P.S.) ..	Guildford Water Bd.	8	1	0	120	28.7	24.67	144	105
D Farnham (Little Park)	Major G. A. Moxon	5	1	0	400	...	28.84	144	110
D Holmbury St. Mary (Feldemore) ..	Mr. W. E. Hobday	5	2	0	500	32.0	29.27	147	118
D Peaslake (Southcots)	J. S. Moffat, Esq.	5	1	0	420	33.1	29.36	169	123
D Abinger Common (Furzen Wood) ..	Major E. J. Lugard, D.S.O. ..	5	1	0	555	31.0	28.72	...	...
D Chilworth (Brooks Wood)	Guildford Water Bd.	5	1	0	175	...	26.44	154	111
D Gomshall (Netley Mill P.S.)	Guildford Water Bd.	5	1	0	250	...	27.06	154	112
D Shere (Coombe End)	Miss R. L. M. Warren	8	1	3	294	...	26.53	139	110
D Shalford (Unstead Sewage Works) ..	Borough Surveyor	5	1	6	120	...	25.34	151	98
D Shalford (The Hutch)	Capt. G. C. Pentland	5	1	2	180	...	25.94	158	111
D Farnham (Wrecclesham)	W. Sotheby, Esq.	8	1	0	360	...	26.23	...	101
D Farnham (West Street)	Capt. A. M. H. Fergus	5	1	0	230	...	28.71	149	104
D Farnham (Sewage Works)	Engineer & Surveyor	5	1	0	245	...	26.78	171	107
D Seale (Binton Cottage)	J. R. Colyer, Esq.	5	1	0	310	...	27.23	...	...
D Seale (Greensand)	Mrs. A. B. Watkins	5	1	0	300	...	26.44	137	111
D FARNHAM (Castle Street)	A. C. Hunt, Esq.	5	1	0	260	...	27.86	150	109

* Per Surrey County Council.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in.	·04 in.
			above	Ground	Sea Level			or more	or more
		in.	ft.	in.	ft.	in.	in.		
SURREY—(contd.)									
6.—THAMES. Wey—(contd.)									
D Farnham (Broomleaf Road) ..	A. C. Challands, Esq. ..	5	1	0	250	...	26·09	151	103
d Farnham (Beechwood) ..	Mrs. K. M. Lewis ..	5	1	0	275	...	26·20	...	103
D Guildford (Onslow Village) ..	C. O. Hunt, Esq. ..	5	0	9	300	...	23·31	164	106
D Guildford (Avonmore Avenue) ..	Mrs. M. H. Fulk ..	5	1	0	184	...	24·72	162	108
D Guildford (Boxgrove School) ..	Capt. V. H. Holroyd, F.R.G.S.	5	1	0	200	...	21·83	132	97
d Guildford (Joseph's Road) ..	(+A) Guildford Water Bd. ..	5	1	2	98	25·0	21·76	141	102
d West Clandon Quarry ..	Agricultural Contractors Ltd.	5	1	0	266	...	26·39	...	108
D West Clandon ..	J. Dalrymple, Esq., C.E. ..	8	1	0	319	28·5	25·02	150	112
East Horsley (Ethandown) ..	Basil D. Tims, Esq. ..	5	0	9	280	...	23·66	...	...
D Pirbright (Bakersgate) ..	Lord Lyle of Westbourne	5	1	0	120	...	22·28	133	100
d Old Woking (The Gresham Press) ..	Unwin Bros., Ltd. ..	5	1	0	50	...	21·46	147	100
D Woking (The Grange) ..	Miss M. E. Wilson ..	5	1	0	81	...	21·63	148	104
D Old Woking (Sewage Works) ..	Woking U.D.C. ..	5	1	0	76	24·9	19·85	138	94
D Woking (Council Offices) ..	(+A) Woking U.D.C. ..	5	1	0	132	25·0	22·08	140	107
d Woking (Percy Street) ..	J. Dalrymple, Esq., C.E. ..	8	1	0	100	...	20·58	...	...
d Woking (Goldsworth Road Depot) ..	Woking U.D.C. ..	5	1	0	96	25·3	21·80	135	99
D Byfleet (WISLEY R.H.S. Gardens) ..	Director ..	8	1	0	150	24·1	20·41	137	95
D Wisley (Outfall Works) ..	Woking U.D.C. ..	5	1	0	53	24·5	19·59	135	94
d West Byfleet (Scotland Bridge) ..	Woking U.D.C. ..	5	1	0	67	...	20·19	...	95
d Addlestone ..	W. V. Davies, Esq., C.E. ..	5	1	7	46	24·0	22·11	141	96
D Weybridge (Oil Mills) ..	A. Whittet & Co. Ltd. ..	5	1	0	36	23·7	20·34	135	98
D Weybridge (Thames Street) ..	Mrs. H. M. R. Tomlinson ..	5	1	0	50	...	20·18	151	95
d Walton-on-Thames (Waterworks) ..	West Surrey Water Co. ..	5	1	4	33	23·0	20·30	...	94
7.—THAMES. Bourne. 55 sq. mi.									
D West Byfleet (N. Zealand Golf Club) ..	Secretary ..	5	1	7	100	...	22·64	166	106
d Bagshot ..	J. Waterer, Sons & Crisp, Ltd.	5	0	11	270	...	24·02	...	...
D Weybridge (St. George's College) ..	Rev. C. K. Bryant ..	5	1	0	46	...	19·33	132	92
d Chertsey (Long Cross) ..	Lord Brabazon of Tara ..	5	1	6	150	...	21·29	...	...
D Chertsey ..	W. V. Davies, Esq., C.E. ..	8	1	0	42	23·3	21·27	137	99
D Chertsey (Abbey Meads) ..	J. Dalrymple, Esq., C.E. ..	5	1	0	53	23·0	21·03	138	92
D Chertsey (Lyne Farm Sew. Wks.) ..	(+A) Surrey County Council ..	5	1	0	93	...	20·49	137	91
D Egham (Waterworks) ..	S.W. Suburban Water Co. ..	5	1	0	54	...	21·62	131	102
d Egham (Cooper's Hill) ..	J. L. Oliver, Esq. ..	5	0	11	280	...	21·43	...	97
8.—THAMES. Loddon. 17 sq. mi.									
D Frimley (Pumping Station) ..	Mid-Wessex Water Co. ..	5	1	7	213	...	24·45	146	101
D Camberley (Sewage Works) ..	(+A) Surrey County Council ..	5	1	0	198	26·4	23·22	129	95
D Camberley (Woodlands Road) ..	K. Hustwick, Esq. ..	8	1	0	216	...	25·02	158	99
KENT. (Area, 1,532 sq. mi.)									
1.—ROTHER & C. 217 sq. mi.									
D Lydd (Denge Pumping Station) ..	Folkestone W.W. Co. ..	5	1	0	14	...	23·73	130	96
D Stone (Huggetts Farm) ..	G. L. Billson, Esq. ..	5	1	0	140	...	28·28	145	107
D Dymchurch (Slieve Truim) ..	D. Hamill Morton, Esq. ..	5	1	0	9	...	25·89	142	107
d Sandhurst (Field Green) ..	J. L. Tweedie, Esq. ..	5	1	0	199	...	30·34	133	109
D Hythe ..	Borough Surveyor ..	5	1	1	0	...	27·54	138	111
d Hythe (Sandling Park) ..	Major A. E. Hardy ..	8	1	0	260	...	31·96	131	106
D Bonnington Rectory ..	D. W. J. Sampson, Esq. ..	5	1	0	45	...	24·11	143	106

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			·01 in. or more	·04 in. or more
KENT—(contd.)		in.	ft.	in.	ft.	in.	in.		
1.—ROTHER & C.—(contd.)									
D Saltwood (Cylinder)	Miss M. Lethbridge ..	5	1	0	230	...	30·27	141	115
D FOLKESTONE (The Leas) ..	(+A) Borough Engineer ..	5	1	0	128	...	26·39	134	102
D Folkestone (Cherry Garden) ..	Folkestone W.W. Co. ..	5	1	6	230	29·1	30·14	136	110
D Alkham Valley (Lower Standen) ..	Folkestone W.W. Co. ..	5	1	0	248	...	29·42	139	106
D DOVER (Waterloo Crescent) ..	Borough Engineer ..	5	1	0	19	28·2	28·91	145	104
D Dover (Buckland)	Guy Mannering, Esq. ..	8	1	6	50	...	30·84	140	105
D DOVER (ROYAL MILITARY SCHOOL) ..	Headmaster	5	1	0	402	...	32·68	152	106
2.—STOUR & C. 386 sq. mi.									
D Lyminge (Skeete Pumping Station) ..	Folkestone W.W. Co. ..	5	1	6	445	...	30·11	133	103
D Elham (Ottinge)	S. G. Holmans, Esq. ..	5	1	9	300	...	33·65	141	107
D Ashford (Gasworks)	L. G. Kimmins, Esq. ..	5	1	0	125	...	29·63	147	110
d Ashford	Headley Bros., Ltd. ..	5	1	0	190	...	29·37	...	103
D Ashford (Albert Road)	A. E. Brounger, Esq. ..	5	1	0	185	...	30·62	158	112
D Ashford (Belmore)	J. W. Kennard, Esq. ..	5	1	0	200	...	28·98	142	112
D Dover (Martin Mill Pump. Station) ..	W. A. Parker, Esq. ..	5	1	0	287	...	29·59	148	104
D WYE (S.E. Agricultural College) ..	Principal	5	1	0	164	...	30·17	144	117
D Waldershare Park Gardens	Mr. H. W. Garley ..	8	1	0	250	...	28·82	133	109
D Charing (Egerton)	G. L. Wall, Esq. ..	5	1	0	310	...	27·13	156	107
D Charing (Pett Place)	J. E. Hosking, Esq. ..	5	1	0	300	...	30·28	133	107
D Deal & Walmer Waterworks	W. Mantle, Esq. ..	5	1	0	110	27·2	25·95	151	109
d Barham (Old House)	L. S. Osmaston, Esq. ..	5	0	9	175	...	28·16	...	...
D Barham (Pumping Station)	W. A. Parker, Esq. ..	5	1	0	173	...	29·12	138	105
D Nonington (Red Tiles)	C. G. W. Lewis, Esq. ..	5	1	0	140	...	27·10	149	109
D Wingham (Margate Waterworks) ..	Superintendent	5	1	0	138	...	26·71	158	106
D Chartham (Old Mill)	Kent River Board ..	5	1	0	80	...	26·99	143	103
d Sandwich (Loop Street)	Borough Surveyor ..	5	1	0	15	...	28·05	138	104
D Canterbury (Harbledown)	W. Norris, Esq. ..	5	1	0	155	...	21·05	129	94
D Canterbury (London Road)	Miss B. Spillett ..	5	1	0	66	...	22·99	148	103
D Canterbury (Sewage Works)	City Engineer & Surveyor	5	1	6	15	...	25·83	154	103
d ||Ash (Corking Farm)	R. F. Neame, Esq. ..	5	1	0	50	...	24·75	130	93
D Elmstone (Court Farm)	J. B. Henderson, Esq. ..	5	1	0	28	...	26·14	...	...
D Ramsgate (Minster)	A. W. Best, Esq. ..	5	1	0	75	...	27·03	170	112
D RAMSGATE (East Cliff)	Borough Engineer ..	5	1	0	80	...	27·65	135	100
D Broadstairs (Grange Road)	C. Saunders, Esq. ..	5	1	0	159	...	22·93	142	83
d Broadstairs (Stone House)	H. Biggs, Esq. ..	5	1	3	100	...	24·18	122	93
D BROADSTAIRS	Engineer & Surveyor ..	5	1	0	128	...	24·50	133	91
3.—SWALE & C. 167 sq. mi.									
D THROWLEY (Newlands Farm) ..	Thomas Neame, Ltd. ..	5	1	0	493	...	33·06	149	118
D Sittingbourne (Torry Hill) ..	D. Leigh Pemberton, Esq. ..	5	1	0	497	...	32·46	149	110
D Newnham (Pumping Station) ..	W. A. Parker, Esq. ..	5	1	0	107	...	28·10	133	99
d Ospringe (Queen Court)	Shepherd Neame Ltd. ..	8	1	3	50	...	26·47	...	...
d Ospringe (Lorenden)	Messrs. G. W. Finn & Sons	5	1	6	175	...	27·50	132	104
D Sittingbourne (Highested Waterworks)	Sittingbourne U.D.C. ..	5	1	7	138	...	28·73	144	99
D SITTINGBOURNE	Kent Farm Institute ..	5	1	0	225	...	32·01	128	99
D Faversham (Sewage Disp. Works) ..	Engineer and Manager ..	8	1	0	22	24·7	26·90	160	100
D Whitstable (Green Lees)	W. H. Wetherell, Esq. ..	5	1	0	125	...	23·30	154	109
D Teynham (Newgardens)	Mrs. Honeyball ..	5	1	5	30	...	26·93	...	...
d Milton Regis (Sewage Works) ..	Sittingbourne U.D.C. ..	5	0	8	8	22·6	25·07	120	89

|| Gauge over-sheltered.

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

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		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
KENT—(contd.)									
3.—SWALE & C.—(contd.)									
d WHITSTABLE (Westmeads Rec. Grd.)	Urban District Council	5	1	0	9	...	19.99	...	91
Herne Bay (Waterworks)	J. Roberts, Esq.	5	1	0	125	...	24.37	...	...
D HERNE BAY (St. Anne's Home)	Urban District Council	5	1	0	21	...	24.15	123	91
D Eastchurch (Barnland)	A. A. Beal, Esq.	5	1	0	180	...	21.66	118	98
d Sheerness (Warden Point)	E. W. Cooper, Esq.	5	1	0	120	...	23.49	147	121
4.—MEDWAY. 506 sq. mi.									
D GOUDHURST (Bedgebury Forest)	Forestry Commission	5	1	0	290	...	31.59	152	116
D Goudhurst (Bedgebury Park Gdns.)	Mr. E. G. Arnold	5	1	0	280	31.8	32.52	176	118
d Scotney Castle	C. Hussey, Esq.	5	2	0	200	...	28.95	...	...
d Biddenden (Little Whatmans)	W. H. S. Williams, Esq.	5	1	0	200	...	27.12	126	100
d High Halden (Halden House)	Tenterden R.D.C.	5	1	0	170	...	27.50	...	...
D Tunbridge Wells (Nevill Park)	L. F. Schooling, Esq.	5	1	1	370	...	30.51	154	103
D TUNBRIDGE WELLS (Calverley Park)	Medical Officer of Health	5	1	0	351	...	32.56	144	107
D Tunbridge Wells (Hurstwood Lane)	Mrs. F. Dann	5	1	0	395	...	32.11	157	111
D Pembury (Waterworks)	H. P. Bishop, Esq., C.E.	5	1	0	196	...	28.86	128	105
D Edenbridge (Falconhurst)	Hon. Mr. Justice Talbot	5	1	6	375	30.7	30.94	144	104
D Edenbridge (Stonewall Park)	Lt.-Col. E. R. Meade-Waldo	5	1	1	344	...	29.85	142	110
D Penshurst Place	Lord De L'Isle and Dudley	5	1	6	120	...	29.13	139	102
D Headcorn (Great Tong)	A. E. A. Day, Esq.	5	1	0	110	...	27.40	134	100
D Hildenborough (Gailes)	E. E. Roper, Esq.	5	1	0	159	27.2	26.95	137	104
Hildenborough (Old School Cottage)	J. S. Roper, Esq.	5	1	0	270	...	27.90	...	...
D Lenham (Lenham Court)	Major W. T. Pitt	5	0	9	354	28.8	31.50	150	116
d Langley (Rumwood Court)	E. G. Boys, Esq.	5	1	9	354	...	30.21	135	106
D Lenham	D. F. Tysoe, Esq.	5	1	6	400	...	33.52	161	117
D Maidstone Waterworks (Barming)	C. H. Harden, Esq., C.E.	5	1	4	247	25.2	29.65	133	99
Maidstone (College Road)	Kent River Board	8	1	0	50	...	26.93	...	...
D Maidstone (Mill Street)	S. F. Dixon, Esq.	8	6	0	37	25.7	27.34	161	101
D Bearsted (Thurnham Pumping Stn.)	W. A. Parker, Esq.	5	1	0	226	27.7	31.10	159	115
D Maidstone (Branchley Gardens)	S. F. Dixon, Esq.	5	0	9	49	25.7	27.30	130	97
D WEST MALLING Airfield	(+A) Meteorological Office	5	1	0	309	...	25.41	146	97
D EAST MALLING (Research Station)	Director	8	1	0	122	26.1	25.24	151	97
D Maidstone (Hockers Lane P.S.)	C. H. Harden, Esq., C.E.	5	1	0	212	...	27.34	141	104
D Maidstone (Allington Lock)	Mr. A. H. Reed	5	1	0	20	...	26.06	136	98
D Aylesford (Forstal Pumping Stn.)	C. H. Harden, Esq., C.E.	5	1	4	20	...	25.69	137	100
D Trottscliffe (Pumping Station)	W. A. Parker, Esq.	5	1	8	250	27.5	25.23	133	100
D Maidstone W.W. (Boxley)	C. H. Harden, Esq., C.E.	5	1	0	319	...	28.08	143	101
D Hartlip (Matts Hill Pumping Stn.)	A. E. Watkins, Esq., B.Sc.	5	1	0	225	...	29.45	122	98
D Chatham (Woolmans Wood)	A. E. Watkins, Esq., B.Sc.	5	3	0	470	...	27.50	123	103
D Halling (Pumping Station)	W. A. Parker, Esq.	5	1	0	74	...	23.58	132	97
D Chatham (Nashenden Pumping Stn.)	A. E. Watkins, Esq., B.Sc.	5	0	9	125	...	26.32	123	99
D Chatham (Luton Waterworks)	A. E. Watkins, Esq., B.Sc.	5	3	0	88	...	26.37	137	101
D Chatham (Royal Naval Hospital)	S.C.E., Chatham Dockyard	5	1	0	223	...	25.38	132	88
D Cuxton (Pumping Station)	Cuxton Water Committee	5	1	0	87	...	23.97	149	106
D Rainham (Motney Hill)	J. B. Harvey, Esq.	5	1	0	28	...	24.86	129	84
D Strood (Waterworks)	(+A) City Surveyor	5	1	0	112	...	22.18	147	91
D GILLINGHAM	(+A) Borough Engineer	5	1	0	14	...	24.23	144	86
D Frindsbury (Shornells)	F. J. Talbot, Esq.	5	1	3	50	23.5	22.61	138	97
d Wainscott (Maycroft)	A. L. Crowhurst, Esq.	5	1	8	60	...	22.04	134	98
d Hoo (Lodge Hill)	S.C.E., Chatham Dockyard	5	1	1	150	...	21.66	...	...
D ISLE OF GRAIN	Kent Oil Refinery, Ltd.	5	1	0	8	...	23.60	129	84
5.—THAMES. Darent & c. 256 sq. mi.									
d Westerham Town	Metropolitan Water Board	5	1	0	380	31.6	26.96	...	...
D Westerham Hill (Pumping Station)	Metropolitan Water Board	5	1	0	539	32.6	28.84	151	113
D Sundridge (Pumping Station)	Metropolitan Water Board	5	1	0	270	29.2	26.52	154	106

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

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		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
KENT—(contd.)									
5.—THAMES. Darent & c.—(contd.)									
w Sevenoaks (Bayleys Hill Reservoir) ..	E. H. Evans, Esq. ..	8	1	3	696	...	28·81	...	...
d Sevenoaks (Oak Lane) ..	E. H. Evans, Esq. ..	8	1	6	428	...	29·38	...	...
d Tatsfield (Betsoms Hill) ..	Metropolitan Water Board	5	1	0	820	33·1	27·93	...	...
w Seal (Oak Bank Reservoir) ..	E. H. Evans, Esq. ..	8	1	3	548	29·2	27·26	...	...
D Sevenoaks (Cramptons Road P.S.) ..	E. H. Evans, Esq. ..	8	1	0	222	28·7	25·59	150	109
D Seal (Kemsing Pumping Station) ..	E. H. Evans, Esq. ..	5	1	3	292	...	26·70	146	109
D Sevenoaks (Chevening Gardens) ..	Head Gardener ..	5	1	0	350	...	26·18	157	113
d Knockholt (Kent Waterworks) ..	Metropolitan Water Board	5	1	0	785	...	28·27	...	...
d Biggin Hill Airfield ..	Meteorological Office ..	5	1	0	560	...	26·37	145	100
D Wrotham (Fairseat Manor) ..	A. E. D. Anderson, Esq. ..	5	1	0	700	30·7	28·39	146	110
d Farnborough (Downe Vicarage) ..	Rev. E. W. E. Fraser, A.K.C.	5	1	0	560	...	27·45	...	114
d Downe (Down House) ..	Royal College of Surgeons	5	1	1	560	...	27·57	133	114
D Keston (Keston Court Farm) ..	A. T. Miller, Ltd. ..	5	1	0	300	...	24·49	143	103
D Shoreham (Highfield) ..	Sir Herbert B. Cohen, Bart.	5	0	9	650	...	24·73	158	114
D West Wickham (Pumping Station) ..	Metropolitan Water Board	5	1	0	240	25·4	22·48	128	98
D Keston (Westerham Road) ..	F. T. Carman, Esq. ..	5	1	0	390	...	24·00	142	107
D Eynsford (Pumping Station) ..	Metropolitan Water Board	5	1	2	131	...	23·27	136	97
w Farningham (Dunbrae) ..	Bertram Grey, Esq. ..	5	1	0	230	...	22·46	...	...
D Orpington (Kent Waterworks) ..	Metropolitan Water Board	5	0	7	220	26·7	23·80	139	94
D Longfield (Hartley) ..	Hartley Water Committee	5	1	0	270	...	24·45	132	98
d Crockenhill (Wested Farm) ..	A. T. Miller, Ltd. ..	5	1	6	331	...	23·41	...	...
D Cobham (Jeskyns Court) ..	Miss D. M. Pye ..	5	1	6	264	...	21·62	151	90
D Horton Kirby (Court Lodge) ..	R. W. Rogers, Esq. ..	5	1	9	50	...	19·83	139	89
D Nurstead (Downs Road Waterworks) ..	Gravesend & Milton W.W.Co.	8	1	10	164	...	20·95	141	90
D BROMLEY ..	(+A) Borough Engineer ..	5	1	0	213	24·2	22·03	141	103
D Bromley (Bishops Avenue) ..	G. H. Franey, Esq. ..	8	1	0	190	...	21·69	155	101
D Beckenham (Croydon Road) ..	(+A) Borough Engineer ..	8	1	0	110	...	21·04	152	97
D Penge (Recreation Ground) ..	Surveyor ..	5	1	1	122	24·6	22·18	148	105
D Anerley (Oakfield Road) ..	Miss S. Stannard ..	5	1	5	180	...	22·27	150	102
d Beckenham (Foxgrove Road) ..	G. C. Hawkins, Esq. ..	5	1	0	150	...	21·57	...	...
D Chislehurst (Scadbury Park) ..	Maj. J. Marsham-Townshend	5	1	0	240	24·6	21·17	149	103
D Bromley (Henville Road) ..	W. M. Smith, Esq., M.B.E.	5	0	8	230	24·4	20·19	150	100
d Southfleet (Hook Place Farm) ..	J. J. Barker, Esq. ..	5	1	0	100	...	20·23	...	...
D Wilmington (Orchard Way) ..	L. H. Stone, Esq. ..	5	1	0	110	...	22·05	136	100
D Southfleet (Kent Waterworks) ..	Metropolitan Water Board	5	1	0	82	...	19·03	136	81
D Wilmington (Kent Waterworks) ..	(+A) Metropolitan Water Board	5	1	5	25	...	21·08	137	91
d DARTFORD (Central Park) ..	(+A) Borough Engineer ..	5	1	0	17	...	19·28	126	92
d Stone (Stone House Hospital) ..	G. Jones, Esq. ..	5	1	2	115	...	20·96	...	...
D Bexleyheath (Danson Park) ..	(+A) Surveyor ..	5	1	0	164	...	21·72	147	100
d Dartford (Sewage Works) ..	Resident Engineer ..	5	1	0	14	...	21·25	...	...
d Erith (Sewage Works) ..	(+A) Erith U.D.C. ..	5	1	0	13	...	18·98	...	...
d Erith (Crossness) ..	(+A) London County Council ..	5	1	8	26	20·8	18·81	...	...
SUSSEX. (Area, 1,458 sq. mi.)									
1.—LAVANT & C. 175 sq. mi.									
D Selsey (Oakash) ..	J. Cartland, Esq. ..	5	1	0	29	...	26·23	131	97
D BOGNOR REGIS (Waterloo Square) ..	Town Clerk ..	8	1	0	24	25·9	25·00	129	98
Chichester (Birdham) ..	S. A. Searle, Esq. ..	5	1	0	16	...	28·44	...	...
d Bosham (Cobnor) ..	Major S. W. P. Beale ..	5	0	10	12	27·7	29·73	...	89

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with -01 in. or more	Days with -04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SUSSEX—(contd.)									
1.—LAVANT & C.—(contd.)									
D Thorney Island Airfield	Meteorological Office ..	5	1	0	11	27.3	25.98	145	95
d Chidham (Chidmere)	H. L. Baxendale, Esq. ..	5	1	0	14	27.0	27.51	...	...
d Chichester (Apuldram)	S. J. K. Eames, Esq. ..	5	0	10	14	27.9	26.26	...	98
D Chichester (West Street)	Dr. W. Dick	5	1	0	40	28.3	27.39	133	100
D Chichester (County Hall)	K. Whale, Esq.	5	1	0	40	29.1	26.19	136	95
D TANGMERE Airfield (+A)	Meteorological Office ..	5	1	0	50	27.5	25.13	143	98
D Arundel (West Walberton)	P. A. Bisset, Esq.	5	1	0	90	...	28.53	149	111
D Chichester (Funtington Pumping Stn.)	A. N. Burgess, Esq. ..	5	1	0	112	...	27.97	145	104
D Emsworth (Stansted Park)	The Earl of Bessborough ..	5	1	1	140	...	31.13	156	111
D West Dean Park	Mr. E. K. Steer	5	1	0	190	36.4	32.74	127	108
D Chilgrove House (Lawn)	Col. C. F. W. Dimond ..	5	1	0	253	35.0	32.56	135	111
D Compton (Compton House)	Miss K. B. Langdale ..	5	1	0	263	36.6	33.12	139	114
2.—ARUN. 285 sq. mi.									
D LITTLEHAMPTON (Met. Station) ..	Clerk to the U.D.C. ..	5	1	0	19	26.2	24.57	139	92
d Littlehampton (Court Wick) ..	J. Vinnicombe & Son, Ltd.	5	1	0	22	...	24.15	138	105
D Patching (Pumping Station) ..	Water Engineer, Worthing	8	1	0	118	...	29.92	166	112
D Arundel Castle	The Duke of Norfolk ..	5	1	0	106	31.3	27.16	150	110
D South Harting (Rose Croft) ..	A. A. Cooper, Esq. ...	5	1	0	230	...	34.97	137	116
d Storrington (Greyfriars) ..	Major J. R. Abbey ..	5	1	0	250	35.6	32.05	...	105
Bignor	Major G. B. Hill, O.B.E. ..	5	1	0	175	37.3	32.64	...	...
D Pulborough (Parham)	R. E. Whitaker, Esq. ..	5	1	6	98	33.6	29.24	149	108
D Sutton (Hurst Cottage)	A. B. Boxall, Esq. ..	5	4	0	200	...	31.26	159	113
D Pulborough (Bignor Park) ..	The Viscountess Mersey ..	5	1	3	75	...	34.09	155	116
d Petworth (Barlavington Farm) ..	J. A. G. Bragg, Esq. ..	5	0	9	181	...	33.89	...	...
D Hardham (Pumping Station) ..	N.W. Sussex Joint Water Bd.	5	1	0	30	...	30.31	144	105
D Byworth (Edgehill)	W. H. Boniface, Esq. ..	5	1	0	100	...	29.94	150	112
D Midhurst (June Lane)	R. Amore, Esq.	5	1	0	135	33.2	29.49	153	99
D Petworth Park Gardens	Lord Leconfield	5	1	0	250	33.1	29.94	145	99
D Rogate Vicarage	Rev. L. Bell	5	1	0	210	...	30.53	144	98
D Rogate (Fyning)	H. W. A. Bodkin, Esq. ..	5	1	0	230	31.2	30.79	150	102
D FERNHURST (Research Station) ..	Plant Protection Ltd. ..	8	1	0	188	...	31.19	148	109
D Kirdford (Hills Green)	L. Baker, Esq.	5	1	0	150	27.8	25.89	133	100
D Liss (Clayton Court)	Head Gardener	5	1	0	480	35.2	36.67	155	119
d Horsham (Whites Bridge)	N.W. Sussex Water Board	5	1	0	157	30.9	25.43	147	105
D Horsham (Sewage Disposal Works) ..	J. P. Ridd, Esq., B.Sc., C.E.	8	1	0	120	29.3	23.12	145	95
D Horsham (North Parade)	G. N. Slyfield, Esq. ..	5	1	0	166	...	25.70	149	98
D Rudgwick (Swaynes)	S. D. Secretan, Esq., J.P. ..	5	0	11	121	26.7	27.05	157	105
D Rusper (The Nunnery)	Sir Cecil Hurst, G.C.M.G.	5	1	6	260	30.8	26.40	150	110
3.—ADUR & C. 237 sq. mi.									
D Worthing (Ferring)	Dr. L. S. F. Woodhead ..	5	1	0	26	...	26.14	165	98
D WORTHING (Beach House Park) (+A)	Medical Officer of Health ..	8	1	0	25	27.5	24.75	140	88
d Goring-by-Sea (Highdown Tower) ..	Col. Sir F. C. Stern ..	5	0	9	100	...	22.89	...	...
D Brighton (Ovingdean)	L. H. B. Woodhead, Esq. ..	8	1	0	161	...	27.32	148	107
D BRIGHTON (Old Steyne)	F. N. Green, Esq., C.E. ..	5	1	0	32	28.1	22.90	130	94
D Hove (Goldstone Crescent)	Guy Mitchell, Esq. ..	5	0	8	150	...	25.94	143	106
D Brighton W.W. (Goldstone Bottom)	F. N. Green Esq., C.E. ..	8	1	0	142	...	23.38	146	91

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			.01 in. or more	.04 in. or more
SUSSEX—(contd.)		in.	ft.	in.	ft.	in.	in.		
3.—ADUR & C.—(contd.)									
D Brighton W.W. (Lewes Road)	.. F. N. Green, Esq., C.E.	5	3	8	139	29.9	24.39	148	91
D Brighton W.W. (Shoreham)	.. F. N. Green, Esq., C.E.	8	1	8	9	29.2	25.96	154	111
D Brighton W.W. (Mile Oak)	.. F. N. Green, Esq., C.E.	8	1	0	166	...	26.03	146	101
D Brighton W.W. (Race Hill Reservoir)	F. N. Green, Esq., C.E.	8	1	0	456	31.6	29.14	157	113
D §Brighton W.W. (Balsdean Reservoir)	F. N. Green, Esq., C.E.	5	1	0	399	...	28.89	141	103
D Brighton W.W. (Balsdean Pumping Stn.)	F. N. Green, Esq., C.E.	5	1	0	188	...	27.44	141	103
D Brighton W.W. (Falmer)	.. F. N. Green, Esq., C.E.	8	1	0	200	32.1	29.05	153	112
D Findon (North End)	.. Mrs. B. H. Madge	5	1	0	211	...	33.18	144	123
D Upper Beeding (Sele Gardens)	.. H. G. Phillips, Esq.	5	1	0	16	...	25.85	143	106
D Brighton W.W. (Patcham)	.. F. N. Green, Esq., C.E.	5	1	0	205	31.8	26.02	142	106
d Hassocks (Newtimber Place)	.. The late Countess Buxton	5	0	8	100	...	26.81	(135)	(100)
d Ditchling†	.. Miss M. J. Taylor	5	1	0	200	...	31.21	(142)	(114)
D Henfield (Townmead)	.. Miss H. Dixon Brown	5	1	0	100	31.7	25.27	130	104
D Hurstpierpoint (Brundall)	.. R. E. Toombs, Esq.	5	1	0	140	...	28.09	142	100
D Hurstpierpoint College	.. Headmaster	5	1	0	100	...	27.41	140	102
D West Grinstead (Knepp Castle Gdns.)	Capt. W. R. Burrell	5	3	6	50	...	27.85	152	111
D Horsham (Sedgewick Park)	.. Rt. Hon. Lord Rotherwick	5	1	0	280	...	25.08	145	101
4.—OUSE. 224 sq. mi.									
D Seaford (Newlands)	.. Capt. T. Manning, C.B.E.	5	1	0	150	28.6	27.31	135	112
D SEAFORD	.. Surveyor	5	1	0	45	...	26.08	126	107
D Newhaven (Poverty Bottom W.W.)	.. F. B. Lumsden, Esq.	8	2	6	48	28.8	27.62	136	107
D Lewes Waterworks (Kingston)	.. Borough Water Engineer	8	1	3	11	34.6	29.80	139	111
D Lewes (The Avenue)	.. R. Shanks, Esq.	5	1	0	130	...	28.74	128	99
D Plumpton (School of Agriculture)	.. Principal	5	1	0	250	...	31.02	134	107
d Piltdown (Moses Farm)	.. J. E. Archard, Esq.	5	1	8	150	30.2	25.81	...	...
d Piltdown (Ringwood)	.. Capt. Stanley Pott	5	1	3	120	...	24.02	...	...
d Haywards Heath (Abbots Leigh)	.. Late C. Hales, Esq., J.P.	5	1	0	250	...	28.64	136	107
D Haywards Heath (Paddockhall Road)	Chas. Holman, Esq.	5	1	0	260	...	28.36	157	105
d Fletching (Wilmshurst)	.. H. H. W. Boyes, Esq.	5	0	8	290	...	27.37	...	98
D Horsted Keynes (Holy Well P.S.)	.. W. H. Ashmole, Esq.	8	1	8	124	31.5	27.52	150	104
D Ardingly (Shell Brook W.W.)	.. W. H. Ashmole, Esq.	5	1	3	127	...	28.44	149	104
D Horsted Keynes (Cinder Hill)	.. L. A. Wood, Esq.	5	1	0	300	31.7	27.66	160	105
D Balcombe (Lullings)	.. Mrs. M. Holland	5	1	0	348	34.8	31.67	163	114
D Balcombe (Waterworks)	.. W. H. Ashmole, Esq.	8	1	0	467	33.9	28.61	156	106
D Balcombe (Highley Manor)	.. Mr. B. T. Brooks	8	1	6	420	34.2	30.41	168	113
5.—CUCKMERE & C. 189 sq. mi.									
D EASTBOURNE (Wilmington Square)	.. Medical Officer of Health	5	1	0	20	30.7	31.89	151	115
D EASTBOURNE (Coastguard Station)	.. Station Officer, for M.O.	5	1	0	17	...	31.06	136	109
D Eastbourne (Summerdown Road)	.. A. C. Fraser, Esq.	5	1	0	122	...	30.92	147	120
D Friston (Water Tower)	.. Eastbourne Waterworks	5	1	0	389	...	32.40	153	123
D Friston	.. Eastbourne Waterworks	8	1	0	104	30.8	31.16	165	123
D Jevington	.. Eastbourne Waterworks	8	1	0	274	31.7	32.98	157	122
D Litlington	.. Eastbourne Waterworks	8	1	0	19	30.5	30.80	144	114
D Pevensey (Pumping Station)	.. Hailsham R.D.C.	5	1	0	12	27.0	30.76	141	117
D Pevensey Bay (Pumping Station)	.. Hailsham R.D.C.	5	1	0	7	27.0	30.80	142	115
D Polegate (Sewage Works)	.. Hailsham R.D.C.	5	1	0	26	...	33.23	175	122
d Hailsham (Michelham Priory)	.. F. G. H. Storey, Esq., M.A.	5	1	0	45	...	30.64	...	105

§ Turf wall round gauge.

† Station moved 1½ miles E. from Hassocks (The Croft) 1.1.55.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SUSSEX—(contd.)									
5.—CUCKMERE & C.—(contd.)									
D Bexhill (Pebsham Lane)	Mrs. C. A. Bishop	5	1	0	40	...	31.16	154	114
D BEXHILL (Egerton Park) .. (+A)	Bor. Council (H. J. Sargent) ..	8	1	0	12	26.3	30.52	137	110
D HASTINGS (White Rock)	Town Clerk	5	1	0	149	28.7	28.62	147	110
D St. Leonards (Filsham Waterworks) ..	Water Engineer (Hastings) ..	5	1	0	37	27.3	29.58	143	109
D HERSTMONCEUX (Royal Observatory)	Astronomer Royal	5	1	0	120	...	30.98	142	110
d Hellingly (Amberstone)	Eastbourne Waterworks ..	5	1	2	29	...	30.25	...	109
d Hellingly (Hospital)	Medical Superintendent ..	5	0	7	140	...	30.64	152	117
D Hazards Green (Pumping Station) ..	Bexhill Waterworks	5	1	7	74	26.0	30.45	140	111
D Hastings (Newgate)	Water Engineer	8	1	0	243	27.5	29.51	149	108
D Hastings (Halton Reservoir)	Water Engineer	5	1	0	294	28.6	29.71	143	113
D St. Leonards (Ashbrooke Lodge) ..	N. Lang-Smith, Esq.	5	1	0	230	...	32.14	147	114
D Hollington (Baldslow Reservoir) ..	Water Engineer (Hastings) ..	8	1	0	422	...	30.25	142	111
d Battle (Crowhurst Park)	Mr. H. Thompsett	8	1	0	440	...	37.30	149	121
D Cowbeech (Pumping Station)	Bexhill Waterworks	5	1	7	100	...	28.18	139	109
D Horam (Coxlow)	Major E. Harrison	5	1	3	250	29.7	28.22	135	105
D Heathfield (Birchford Farm)	Mrs. D. Hook	5	1	0	358	32.0	33.01	144	120
D Heathfield (Cross-in-Hand)	C. Birnstingl, Esq.	5	1	0	305	...	32.45	145	113
6.—ROTHER. 194 sq. mi.									
D Icklesham	Kent River Board	8	1	6	150	...	30.47	127	111
d Hastings (Fairlight Reservoir) ..	Water Engineer	5	1	0	513	...	31.80	153	119
d Hastings (Fairlight, Machico)	E. J. Watts, Esq.	5	1	0	100	...	28.49	138	106
D Battle (Oakhurst Road)	A. G. Culmer, Esq.	5	1	6	275	...	33.03	150	119
D Brede (Pumping Station)	Water Engineer (Hastings) ..	5	1	0	26	28.3	31.15	147	118
D SEDLESCOMBE Rectory	Rev. G. N. Martin	5	1	0	188	...	31.63	154	118
D Udimore (The Wick)	Major R. P. Mair	8	1	0	92	...	27.07	126	97
D Rye (Midrips)	Kent River Board	8	1	0	15	...	24.79	125	98
d Playden (Scots Float)	Kent River Board	5	0	10	14	...	28.69	126	113
D Brightling (Bleak House)	T. W. C. Terry, Esq.	5	1	0	550	33.6	34.59	162	119
d Robertsbridge (Darvell Hall San.) ..	Medical Superintendent ..	5	3	0	100	29.1	32.80	126	110
D Burwash (Burnt House Farm)	Capt. F. S. Gregory	5	1	0	350	...	35.15	130	112
D Burwash (Bateman's)	C. W. Parish, Esq.	5	1	0	50	32.9	35.05	131	116
D Iden (Havencroft)	J. N. Baker, Esq.	5	0	10	133	...	30.05	148	113
D Rye (Iden)	Admiral Sir Aubrey Smith ..	5	1	0	150	...	28.35	136	108
D Hawkhurst (BODIAM)	A. Guinness, Son & Co., Ltd. ..	5	1	0	73	...	30.96	150	109
D Hurst Green (Bellhurst Farm)	C. C. Langer, Esq.	5	1	0	275	...	32.79	150	117
D Northiam (Great Dixter)	Quentin Lloyd, Esq.	5	1	0	209	29.5	29.81	153	105
D Burwash (Crowhurst Bridge)	Heathfield Dist. Water Co. ..	5	0	11	97	...	30.75	136	110
d Mayfield (Cranesden)	Sir Frederick Godber	5	1	0	345	...	29.44	...	101
D Wadhurst (Stonegate)	W. J. Wheeler, Esq.	5	1	0	230	32.6	31.45	157	113
7.—MEDWAY. 117 sq. mi.									
D Rotherfield (Horsegrove Farm) ..	F. W. Shaw, Esq.	5	1	0	528	35.3	33.76	147	117
D Crowborough (Jarvis Brook)	Crowborough Water Co. ..	5	1	0	325	35.0	33.34	148	123
Jarvis Brook (Salters)	Gp. Capt. J. Hunnard	5	1	6	400	...	33.02	...	...
d Crowborough (The Beacon)	Late A. R. Allcroft, Esq. ..	5	1	0	796	36.7	31.47	...	114
D Tunbridge Wells (Cousley Wood) ..	A. Wilkin, Esq.	5	1	0	415	...	32.63	153	129
D Hartfield (Beechcroft)	Miss C. H. Foyster	5	1	0	370	34.1	31.22	176	115
w West Hoathly (Pumping Station) ..	Weir Wood Water Board ..	5	1	0	375	...	30.54	...	...
D Whillett's Bridge	Weir Wood Water Board ..	5	1	0	250	...	29.61	138	113
D Forest Row (Rystcot)	Mrs. J. E. Brown	5	1	0	200	...	31.69	154	116
D West Hoathly (Duckyls)	Mrs. Craven Moore	5	1	0	600	...	29.75	147	115
D Forest Row (Park Road)	J. R. Coulthard, Esq.	5	4	6	300	...	32.44	132	110

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

STATIONS		AUTHORITIES		Rain-gauge				Average Rain-fall	1955					
				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.	
SUSSEX—(contd.)														
7.—MEDWAY—(contd.)														
d	East Grinstead (Standen)	..	..	Miss H. M. Beale	..	..	5	0	7	450	...	27·24	...	102
D	Weir Wood Reservoir	..	..	Weir Wood Water Board	..	..	5	1	0	225	...	28·31	140	114
w	Kingscote Nursery	..	..	Weir Wood Water Board	..	..	5	1	0	300	...	30·11	...	...
D	Frant (Henley Gardens)	..	..	Mrs. Benskin	..	..	5	1	0	440	32·2	35·92	143	115
D	Frant (Eridge Castle)	..	..	Mr. P. M. Ward	..	..	5	1	0	400	34·3	33·13	139	119
d	Crawley Down (Grange Hill)	..	..	Miss L. T. A. Buckley	..	..	5	1	0	450	34·0	28·73	144	106
8.—THAMES. Mole. 27 sq. mi.														
D	Crawley (Broadfield)	..	..	(+A) M. Milne, Esq., B.Sc.	..	..	5	1	0	300	...	27·74	156	113
d	Turner's Hill	..	..	Weir Wood Water Board	..	..	5	1	0	450	...	30·28	...	...
D	Worth (Worth Lodge)	..	..	Miss M. C. Nix	..	..	5	1	0	340	31·6	30·58	175	119
D	Crawley (County Oak Sew. Wks.)	..	..	(+A) M. Milne, Esq., B.Sc.	..	..	5	1	0	210	...	27·76	151	209
D	Crawley (The Beeches)	..	..	M. Longley, Esq.	..	..	8	1	0	220	31·2	27·83	140	108
9.—THAMES. Wey. 10 sq. mi.														
HAMPSHIRE. (Area, 1,627 sq. mi.)														
1.—ISLE OF WIGHT. 150 sq. mi.														
D	ST. CATHERINE'S POINT (Lighthouse)	..	..	Trinity House, for M.O.	..	..	5	1	0	51	27·8	26·05	147	104
D	Ventnor (Steepphill Cove)	..	..	C. W. Lale, Esq.	..	..	5	1	0	8	...	27·16	148	113
D	VENTNOR PARK	..	..	Surveyor	..	..	5	1	0	445	29·5	28·28	135	110
D	Shanklin (Victoria Avenue)	..	..	Isle of Wight Water Board	..	..	5	1	0	170	...	31·63	145	107
D	SHANKLIN	..	..	Sandown & Shanklin U.D.C.	..	..	5	1	0	180	...	30·90	145	108
D	Brightstone (Pitt Place Cottage)	..	..	Mr. J. Higgins	..	..	5	1	8	500	27·7	27·26	142	101
D	Chillerton (Waterworks)	..	..	Isle of Wight Water Board	..	..	8	1	2	125	...	29·82	148	107
D	SANDOWN (Sandham Gardens)	..	..	Sandown & Shanklin U.D.C.	..	..	5	1	0	13	30·9	26·10	123	95
D	Sandown (Pumping Station)	..	..	Isle of Wight Water Board	..	..	5	1	0	60	...	29·19	140	98
d	The Needles Golf Club	..	..	Mrs. G. E. Newnham	..	..	5	1	0	340	27·5	28·09	134	108
D	Freshwater (Waterworks)	..	..	Isle of Wight Water Board	..	..	8	0	10	9	...	28·13	144	105
D	Freshwater (Pumping Station)	..	..	Engineer in Charge	..	..	8	1	3	5	28·8	28·46	138	110
D	FRESHWATER (West Wight School)	..	..	Headmaster	..	..	8	1	0	40	...	27·45	130	97
D	Knighton (Waterworks)	..	..	Isle of Wight Water Board	..	..	5	0	10	100	...	29·48	132	110
D	NEWPORT (Recreation Ground)	..	..	Borough Engineer	..	..	5	1	0	60	32·9	27·18	143	101
D	RYDE (Esplanade Gardens)	..	..	Borough Publicity Dept.	..	..	5	1	0	13	29·0	26·58	140	99
D	§Cowes Waterworks (Broadfields)	..	..	Isle of Wight Water Board	..	..	5	1	0	150	29·8	27·22	144	111
D	Osborne	..	..	House Governor	..	..	5	1	0	177	32·7	28·98	155	105
2.—STOUR. 37 sq. mi.														
D	BOURNEMOUTH (Meyrick Park)	..	..	Medical Officer of Health	..	..	5	1	0	66	31·5	29·58	140	104
D	Bournemouth (Rothesay Road)	..	..	Dr. D. N. Seth-Smith	..	..	5	0	8	180	...	30·23	146	102
D	Bournemouth (East Avenue)	..	..	J. E. Hewitt, Esq.	..	..	5	1	0	143	28·6	29·90	133	108
D	Christchurch (Air Compressor Stn.)	..	..	Borough Surveyor	..	..	5	1	3	0	...	29·43	134	100
D	Christchurch (Hurn Court)	..	..	The Earl of Malmesbury	..	..	8	1	2	23	32·2	30·90	...	...
D	HURN (Bournemouth Airport)	..	..	Meteorological Office	..	..	5	1	0	33	...	29·65	139	98
3.—EAST AVON & C. 114 sq. mi.														
D	Christchurch (Harrow Lodge)	..	..	R. C. Bacon, Esq.	..	..	8	1	0	135	31·3	33·88	151	105
D	Ringwood (Bisterne)	..	..	Major J. D. Mills	..	..	8	1	2	43	30·9	33·99	137	107
D	Ringwood (Crow Hill)	..	..	L. Collings-Wells, Esq.	..	..	5	1	0	200	...	32·85	131	96
D	Ringwood (Hangersley)	..	..	Col. E. G. St. Aubyn, D.S.O.	..	..	5	0	9	200	...	30·39	147	106
D	RINGWOOD (Hightown)	..	..	Miss M. A. M. Penrose, B.Sc.	..	..	8	1	0	250	...	32·86	142	106
D	Ringwood (Grey Friars)	..	..	Miss H. Christy	..	..	5	1	0	50	28·4	32·87	140	92
D	Ringwood (Linwood)	..	..	Miss R. M. Haines	..	..	5	0	9	138	32·0	31·93	157	107

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
HAMPSHIRE—(contd.)									
3.—EAST AVON & C.—(contd.)									
D Fordingbridge (Dockens)	E. W. Poore, Esq.	8	1	0	140	31.1	29.79	137	94
D Fordingbridge (Furze Hill)	G. G. Smith, Esq.	5	0	5	150	...	29.36	146	115
4.—TEST & SOLENT. 551 sq. mi.									
D Milford-on-Sea (Farlights)	Mrs. F. W. Brown	5	1	0	50	...	31.20	161	103
D Milford-on-Sea (Manor Road)	Miss M. B. Clark	5	0	11	56	...	32.28	146	110
D EVERTON (Efford)	Director, Exp. Hort. Stn. ..	5	1	0	51	...	29.76	136	98
D Lymington (Waterford)	G. Froome, Esq.	5	1	0	6	...	31.65	132	98
D New Milton (Ashley County School)	Headmaster	5	0	8	104	30.7	29.38	133	100
M Sway (Little Flanders)	Rev. C. F. Ford	5	1	0	120	...	31.39	...	...
d Lymington	Borough Engineer	5	1	0	57	...	33.66	122	98
d Holmsley (Toll House)	Forestry Commission	5	1	0	212	...	35.70	...	...
D Exbury	L. N. de Rothschild, Esq. ..	5	1	0	80	29.2	30.42	131	101
D Brockenhurst (County High School)..	Headmaster	5	1	0	43	...	30.66	122	95
D Hythe (Butts Ash Lane)	Miss J. M. Baker	5	1	0	130	30.6	32.46	156	108
d Bartley (The Nurseries)	Manager	5	1	0	100	32.0	33.01	...	101
D SOUTHAMPTON (East Park)	Director, Ordnance Survey ..	5	1	0	64	30.9	29.76	146	103
D Romsey (Embley Gardens)	A. White, Esq.	5	1	0	130	30.3	29.67	159	113
D Romsey (Timsbury Pumping Station)	J. Hawksley, Esq., O.B.E. ..	5	1	0	99	29.8	25.85	138	104
D Hursley (Merdon Manor)	Sir George Cooper, Bart. ..	5	1	0	360	...	29.29	147	108
D Sparsholt (Garstons)	Mr. C. H. Thompson	5	1	3	350	...	30.12	159	111
D Stockbridge (Houghton Lodge)	Col. R. C. O. Parker, O.B.E. ..	5	1	0	112	30.5	25.74	147	115
D Stockbridge (Houghton Down Farm)	R. H. Pantling Esq.	5	3	4	250	...	25.84	144	110
D Crawley (Chilbolton Down)	G. W. S. Beale, Esq.	8	1	2	350	31.0	25.79	144	111
D Stockbridge (LECKFORD Estate) ..	General Manager	5	1	0	385	...	26.24	145	101
D Sutton Scotney (Wonston Manor) ..	J. H. Gray, Esq.	5	1	0	233	...	24.60	146	98
D Andover (Sewage Works)	Borough Surveyor	8	1	0	180	28.9	24.64	147	103
D Andover (Waterworks)	Borough Surveyor	8	1	0	205	...	24.51	146	98
d Overton	Portals Ltd.	5	1	0	240	...	25.02	155	109
D Worting (Manydown Park)	Col. A. S. Bates, D.S.O. ..	5	1	0	415	30.2	28.13	140	116
D Linkenholt Manor	R. Dudley, Esq.	5	1	0	700	32.5	27.32	132	113
5.—ITCHEN & SPITHEAD. 422 sq. mi.									
D HAYLING ISLAND	Engineer & Surveyor	5	1	0	13	...	23.23	137	91
D Gosport	Borough Surveyor	8	0	9	30	28.8	27.74	141	101
D PORTSMOUTH (Southsea Common) ..	Medical Officer of Health ..	5	1	0	7	27.7	24.61	130	94
D Portsmouth (Eastney)	City Engineer	8	1	0	12	25.3	23.57	134	89
D Farlington (Pumping Station)	Portsmouth Water Co.	5	1	0	78	28.5	27.83	131	104
D Farlington Reservoirs	Portsmouth Water Co.	5	1	0	117	28.9	27.94	133	103
D Farlington (Filter Works)	Portsmouth Water Co.	5	1	0	157	27.9	26.47	131	102
D Havant (Portsmouth Waterworks) ..	Portsmouth Water Co.	5	1	0	25	27.7	26.87	134	107
D Fareham (West Street)	N. E. Neville, Esq.	5	1	0	41	30.2	30.09	141	104
d Fareham (Maindell Waterworks) ..	Engineer & Surveyor	8	1	6	36	31.0	31.42	...	111
d Southwick (Pinsley Lodge)	Portsmouth Water Co.	5	1	0	150	30.3	29.69	...	...
d Woolston Depot	Engineer and Surveyor	5	5	8	13	30.0	28.39	127	89
d Idsworth (Water Tower)	Portsmouth Water Co.	5	1	0	201	32.0	30.85	...	...
d Idsworth (Quarry)	Agricultural Contractors Ltd. ..	5	1	0	320	...	30.18	...	...
d Southwick (Upper Beckford Farm) ..	Portsmouth Water Co.	5	1	0	112	30.8	30.41	...	...
D Hambledon (Worlds End)	Portsmouth Water Co.	5	1	0	115	...	30.90	150	111
D Southampton (Bitterne Park)	W. E. White, Esq.	5	1	0	25	...	30.42	139	99
D Southampton (Portswood)	Borough Engineer	5	1	10	10	29.7	(29.94)	139	96
D Southampton (South Hill Reservoir)	J. Hawksley, Esq., O.B.E. ..	5	1	0	201	30.8	29.52	134	99
D SOUTHAMPTON (EASTLEIGH)	Meteorological Office	5	1	0	35	...	27.48	139	91
d Curdridge (Sunnyside)	Miss V. F. Cooke	5	0	9	95	30.7	33.10	...	112

|| Site unorthodox.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
HAMPSHIRE—(contd.)									
5.—ITCHEN & SPITHEAD—(contd.)									
Catherington Reservoir	Portsmouth Water Co. ..	5	1	0	428	34.2	34.66	...	...
d Swanmore (Holywell House) ..	Mrs. M. Portal	5	1	6	180	32.2	31.84	...	110
Hambledon (Whitedale)	Portsmouth Water Co. ..	5	1	0	223	34.0	33.09	...	...
D Soberton (Mislingford)	Gosport Waterworks Co. ..	5	1	0	136	31.7	31.59	154	106
D Droxford (Upper Swanmore) ..	H. Gadsby, Esq.	5	1	0	312	33.2	33.48	157	111
D Bishops Waltham (Wintershill Hall)	Mr. E. A. Roberts	5	1	0	300	...	30.72	145	101
d Bishopstoke (Church Road) ..	A. Clark, Esq.	5	1	4	95	...	29.61	133	101
D Petersfield (Ditcham Park) ..	Portsmouth Water Co. ..	8	1	0	555	...	36.14	137	117
D Otterbourne (Kingfisher Lodge)	Major T. T. Phelps ..	5	0	10	80	...	28.74	139	103
D Otterbourne (Waterworks) ..	J. Hawksley, Esq., O.B.E. ..	5	1	0	113	30.7	30.76	169	112
D Twyford (Pumping Station) ..	J. Hawksley, Esq., O.B.E. ..	5	1	0	138	31.1	28.88	143	98
D WINCHESTER (Recreation Ground)	Medical Officer of Health ..	5	1	0	121	...	29.68	140	100
D Winchester (Romsey Road W.W.)	City Water Engineer ..	5	2	0	270	...	28.26	143	103
D Winchester (Bereweke Road)	J. L. St. John, Esq. ..	5	1	0	225	...	29.25	162	106
D Ovington Rectory	Rev. H. L. Atkins	5	1	0	221	33.2	32.46	157	107
D Winchester (Harestock)	C. M. Layton, Esq. ..	5	1	0	220	...	28.78	154	106
D Bishop's Sutton	H. C. Mills, Esq.	5	1	0	260	...	28.94	145	107
D Itchen Abbas (Chilland)	W. J. Arnold, Esq. ..	8	1	6	200	30.5	29.08	152	101
d Itchen Abbas (The Down House)	Mrs. Savile	8	1	0	200	...	29.92	155	108
D Itchen Abbas (Barn Close) ..	Mrs. H. F. Rawstorne ..	5	1	0	200	...	29.76	159	104
D Ellisfield Manor	H. Hoare, Esq.	5	1	0	635	...	31.32	164	119
6.—ARUN. 82 sq. mi.									
D Petersfield (Oaklea)	W. Bennetts, Esq.	5	0	10	235	...	36.71	154	112
d Liss (Kippences)	Rev. W. L. de B. Thorold ..	5	0	9	250	33.3	32.50	...	111
Greatham (Manor House)	Capt. A. F. Coryton, J.P. ..	5	1	0	260	32.5	29.19	...	...
7.—THAMES. Wey. 92 sq. mi.									
D Alton (Treloar Orthopaedic Hospital)	Secretary	5	1	6	350	32.8	30.62	148	117
D Kingsley (Sleaford)	M. Nimmo, Esq.	5	1	0	220	29.0	29.14	161	111
D Alton (Waterworks)	Engineer and Surveyor ..	5	1	0	440	32.2	29.05	148	111
D Alton (Lasham Pumping Station)	Mid-Wessex Water Co. ..	5	1	0	407	...	30.10	160	113
D ALICE HOLT LODGE	Forest Research Station ..	5	1	0	378	29.5	29.87	151	111
8.—THAMES. Loddon. 164 sq. mi.									
w Swainshill	Mid-Wessex Water Co. ..	5	1	7	550	31.3	30.14	...	...
D LONG SUTTON	Lord Wandsworth College ..	5	1	0	479	30.1	28.43	128	111
D Basingstoke (Upton Grey House)	Mr. H. W. Kinge	5	1	0	400	28.8	27.68	162	116
D Aldershot (Waterworks)	Mid-Wessex Water Co. ..	5	1	0	251	27.0	26.66	154	107
D Aldershot Reservoirs	Mid-Wessex Water Co. ..	5	1	0	393	27.2	26.47	161	107
D Odiham (Sewage Works)	Hartley Wintney R.D.C. ..	5	0	10	239	...	24.13	140	88
D Greywell (Pumping Station) ..	Mid-Wessex Water Co. ..	5	1	0	263	26.3	27.07	162	101
D Hook (Nately Hatch)	R. C. Mallock, Esq. ..	5	1	0	328	26.7	26.41	155	103
d Fleet (Quilllets)	S. H. Langton, Esq. ..	5	1	0	300	25.4	21.55	...	...
D Hartley Wintney (Warren Heath)	Hartley Wintney R.D.C. ..	5	1	0	226	25.8	24.11	134	102
D Hartley Wintney (S.D. Works)	Hartley Wintney R.D.C. ..	5	1	0	180	25.8	24.20	138	99
D BLACKBUSHE Airport	Meteorological Office ..	5	1	0	324	...	24.13	138	97
d SOUTH FARNBOROUGH (R.A.E.) (+A)	Meteorological Office ..	8	1	0	226	26.1	24.31	142	95
D Winchfield (Elvetham Park) ..	Mr. T. J. Brownjohn ..	8	1	0	217	26.8	23.87	...	...
D Heckfield (Park Corner)	Mr. W. Smith	5	1	2	257	24.6	22.00	161	111
9.—THAMES. Kennet. 65 sq. mi.									
D Kingsclere (Isle Hill)	C. E. Harvard, Esq. ..	5	1	6	500	...	26.90	159	119
D Highclere (Horris Hill)	T. F. H. Morton, Esq. ..	5	1	0	390	...	24.23	151	102
d Kingsclere (N. Sydmonton House)	Lt.-Col. Kingsmill, D.S.O. ..	5	1	2	350	...	22.62	...	100
D Silchester House	T. M. Hartley, Esq. ..	5	1	0	305	25.0	22.95	138	103

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

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		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
BERKSHIRE. (Area, 722 sq. mi.)									
1.—TEST. 2 sq. mi.									
2.—THAMES. Bourne. 15 sq. mi.									
D Sunninghill (Blacknest Pumping Station)	Surveyor, Windsor R.D.C.	8	1	0	130	26·0	25·42	142	97
D Sunninghill (Cedars)	H. B. Turle, Esq.	5	0	10	275	...	26·22	154	103
3.—THAMES. Loddon & c. 162 sq. mi.									
d Wellington College	R. Moss, Esq., M.A., B.Sc.	5	1	0	290	26·4	22·27	...	...
D Beech Hill (Waveney)	Miss D. Page-Roberts	5	1	0	220	...	20·01	149	95
d Broadmoor Institution	Medical Superintendent	5	1	0	300	27·6	22·95	...	90
D Wokingham (Bucks Copse)	Borough Surveyor	5	1	0	174	24·7	21·99	158	105
D Wokingham (Sindlesham House)	Mr. W. Balcombe	5	4	0	200	25·4	21·36	137	99
D Wokingham (Reading Road)	P. Chandler, Esq.	5	1	0	182	...	22·04	153	102
d Wokingham (Winnersh Nursery)	J. T. Adams, Esq.	5	1	0	180	...	19·87	...	89
d Earley (Wokingham Road)	W. Bates, Esq.	5	1	0	150	...	19·72	144	90
D Billingsbear Lodge	L. A. Hackett, Esq.	5	1	0	183	...	22·60	153	99
D Warfield (Jealott's Hill)	Imperial Chem. Indust., Ltd.	5	1	0	220	25·8	24·57	158	95
D READING (SEED TRIAL GROUNDS)	Martin A. F. Sutton, Esq.	5	1	0	141	...	20·51	140	96
Old Windsor (Straight Road)	J. W. E. Bye, Esq.	5	1	0	59	...	21·50	...	...
D Sonning (University Farm)	G. M. Milbourn, Esq.	5	0	10	168	...	21·22	138	95
D Twyford (Beenham's Heath)	Mid-Wessex Water Co.	5	1	0	139	...	22·64	139	101
d Windsor (Royal Gardens)	Head Gardener	5	1	1	88	24·9	21·04	...	...
d Twyford (Hare Hatch)	J. Waterer, Sons & Crisp, Ltd.	5	1	0	180	...	25·87	147	124
D Wargrave (Piggott School)	Headmaster	5	1	0	124	...	20·18	...	95
D Wargrave (The Thatched House)	Mrs. E. Sharp	5	1	0	200	...	22·34	175	111
d Maidenhead (Shoppenhangers Road)	G. Stow, Esq.	5	1	6	180	...	21·96	139	99
D Maidenhead (Sewage Works)	(+A) Borough Engineer	5	1	0	81	...	21·97	149	92
D Maidenhead (Boulter's Lock)	Thames Conservancy	5	1	6	82	...	22·70	159	103
D Hambleden Lock	Mr. G. O'Connor	5	2	0	105	27·0	24·15	147	108
4.—THAMES. Kennet & c. 224 sq. mi.									
D Inkpen (New Mill)	G. C. Goodhart, Esq.	5	1	5	485	32·5	26·38	151	107
D Mortimer (Grazeley Green)	P. L. d'E. Skipwith, Esq.	5	1	0	164	26·1	19·99	129	88
d Brimpton (Stonehouse)	F. L. Hadden, Esq.	5	1	0	350	27·5	21·03	...	...
D Kintbury (Harold Road)	C. S. Drummond, Esq.	5	1	0	365	...	23·40	145	105
D Kintbury (Sewage Works)	C. S. Drummond, Esq.	5	1	0	310	...	24·42	153	109
D Newbury (Gloucester Road)	L. Giles, Esq.	5	2	0	250	...	23·07	134	102
D SHINFIELD (University Hort. Farm)	Prof. R. H. Stoughton, D.Sc.	5	1	0	200	...	19·60	143	83
D WOOLHAMPTON (Douai Abbey)	The Abbot	5	1	0	370	...	21·17	145	92
D Reading Waterworks (Bath Road)	O. Kean, Esq., C.E.	5	1	0	217	24·4	21·34	153	108
D Reading (Forbury Gardens)	K. H. Thorpe, Esq.	5	1	8	143	24·9	20·99	138	98
D READING (University)	Prof. R. H. Stoughton D.Sc.	5	1	0	152	...	21·74	147	93
D Reading (Caversham Lock)	(+A) Thames Conservancy	5	1	0	123	...	20·71	137	96
D Caversham (St. Peter's Hill)	J. A. Sargent, Esq.	5	1	6	210	25·0	20·40	127	100
D Chieveley (Priors Court)	Mr. S. F. Tuffley	5	1	0	403	...	22·17	150	101
d Peasemore House	Mrs. E. Brown	5	1	6	400	...	21·31	...	...
D Cold Ash (The Ridge)	A. A. Lawrence, Esq.	5	1	0	488	...	22·12	124	107
5.—THAMES. Ock & c. 319 sq. mi.									
D Stanford Dingley (Dingley Cottage)	C. O. Lowsley, Esq.	5	1	0	400	...	20·68	134	107
D Reading (Englefield)	H. A. Benyon, Esq.	5	1	0	175	27·4	21·83	138	112
D Bradfield (Pumping Station)	Mid-Wessex Water Co.	5	1	0	174	...	20·30	134	94
d Yattendon (Yattendon Court)	J. F. N. Grange, Esq.	8	2	4	360	...	22·88	...	...
d Ashampstead (Pyt House)	Capt. F. M. M. Carlisle	5	1	0	260	...	22·50	...	...
D Wantage (Locking Estate Office)	Capt. J. H. Lane Fox	5	1	1	400	27·8	21·59	...	98
d Wantage (Kingstone Lisle Park)	T. L. Lonsdale, Esq.	5	1	0	410	...	21·78	...	...
D Cholsey (School House)	W. D. Campbell, Esq.	5	0	10	150	...	22·01	162	108

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

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		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
BERKSHIRE—(contd.)									
5.—THAMES. Ock & c.—(contd.)									
D Cholsey (Bow Bridge)	Frank K. Weedon, Esq. ..	5	1	0	151	24.9	19.68	148	98
D Wallingford (Wantage Road) ..	A. Tame, Esq. ..	5	1	0	184	...	18.91	137	95
d Wallingford (Style Acre)	A. L. Morphew, Esq. ..	5	1	4	200	25.2	17.58?	...	93
d Didcot (Sewage Works)	Wallingford R.D.C. ..	5	0	9	170	...	19.70	160	99
d Steventon (Hanney Road)	R. H. Marshall, Esq. ..	5	1	0	250	...	19.63	...	...
D Faringdon (Shellingford House)	Mrs. K. Marshall ..	5	0	10	275	...	21.70	151	106
D Great Coxwell (Court House Farm)	A. B. Williams, Esq. ..	5	1	0	350	...	21.99	138	101
D Abingdon (Sewage Works)	Borough Surveyor ..	8	1	0	170	22.8	19.24	150	99
D Abingdon (The Firs)	Miss M. R. Challenor ..	5	1	3	180	23.7	20.01	142	103
D Abingdon (Christ's Hospital) ..	F. Lewis, Esq. ..	5	1	0	190	...	19.90	147	107
D Abingdon (Norman Avenue) ..	J. L. West, Esq. ..	5	0	11	200	...	20.52	167	105
d Buckland	Major J. Orr-Ewing, M.C.	5	0	11	310	...	19.90	...	...
D Abingdon (Frilford Heath) ..	R. A. Langford, Esq. ..	5	1	0	240	...	19.68	149	105
D ABINGDON Airfield (+A)	Meteorological Office ..	5	1	0	210	...	18.90	139	97
D Abingdon (Sandford Lane Sew. Wks.)	D. Madley, Esq. ..	8	1	5	220	...	19.51	138	106
D Abingdon (Wootton Waterworks) ..	Borough Surveyor ..	8	1	0	265	...	20.12	150	103
D Boars Hill (Blackthorn)	A. C. Pilkington, Esq. ..	5	1	0	410	25.6	21.57	159	108
D Oxford (Kennington Nursery) ..	Forestry Commission ..	5	1	0	300	24.7	22.58	140	106
D Eynsham (Swinford Pumping Station)	H. H. Crawley, Esq., C.E. .	5	1	0	203	...	20.15	139	99

DIVISION III—SOUTH MIDLAND COUNTIES

MIDDLESEX. (Area, 232 sq. mi.)

1.—THAMES. Colne & Brent. 185 sq. mi.									
D Weybridge (Shepperton Lock) ..	Thames Conservancy ..	5	1	0	41	23.1	21.25	147	100
D Littleton (Queen Mary Reservoir) ..	Metropolitan Water Board	5	1	0	44	23.0	20.38	117	87
D HAMPTON (Waterworks) .. (+A)	Metropolitan Water Board	5	1	0	39	22.7	18.54	134	82
D Kempton (Waterworks)	Metropolitan Water Board	5	1	0	40	22.6	19.50	124	89
D Hampton (Refuse Disposal Works) ..	F. L. Higgins, Esq. .	5	1	1	60	...	20.13	115	92
D Teddington (Stanley Road)	G. Nicholson, Esq. .	5	1	0	42	...	19.04	141	85
D Staines (Pumping Station)	Metropolitan Water Board	5	1	0	55	...	20.31	124	93
D Staines Reservoir (West Side) ..	Metropolitan Water Board	5	1	0	53	23.8	20.92	124	95
D Isleworth (Mogden Works) .. (+A)	C. B. Townend, Esq., C.E.	5	1	0	33	...	18.57	126	85
D Longford (Perry Oaks Disp. Works) ..	C. B. Townend, Esq., C.E.	5	1	0	77	...	19.69	114	91
D Hounslow (Pannall Gardens) ..	P. W. Miller, Esq. ..	5	1	6	70	...	19.90	145	91
D Hounslow (Berkeley Avenue) ..	J. E. Cacutt, Esq. ..	5	1	0	80	...	21.05	129	92
D LONDON AIRPORT (+A)	Meteorological Office ..	5	1	0	80	...	19.79	125	82
D Kew Bridge (Waterworks)	Metropolitan Water Board	5	1	6	36	24.1	19.01	133	94
D Harmondsworth (Road Res. Lab.) (+A)	D.S.I.R. ..	5	1	0	80	...	20.66	...	...
D Hayes	H. J. Harley, Esq. ..	8	1	0	120	...	22.69	145	94
D Ealing (Hanger Hill Reservoir) ..	Metropolitan Water Board	5	1	0	206	24.7	22.03	135	88
d Uxbridge (Cowley)	E. H. Hamson, Esq. ..	5	1	0	160	...	23.54	134	90
d Willesden Reservoir	Metropolitan Water Board	5	1	0	167	25.6	22.38	...	...
D Willesden (Stonebridge Park) ..	Borough Engineer ..	5	5	9	100	...	23.37	136	96
d NORTHOLT Airport (+A)	Meteorological Office ..	5	1	0	131	...	21.77	...	...
d Greenford (Whitton Drive)	R. M. Eadie, Esq. ..	5	1	4	152	...	23.63	...	95
D Wembley (Town Hall) (+A)	Borough Engineer ..	5	1	0	187	...	21.36	147	91
D Harrow (Oakhurst)	A. Gardner, Esq. ..	5	1	3	295	24.2	23.05	161	99
D Harrow (Eastcote Lane)	D. M. Woodman, Esq. ..	5	1	4	175	...	22.74	148	92
D Brent Reservoir (+A)	British Waterways ..	5	0	10	138	...	22.04	148	96
D Kingsbury (Dors Close)	B. P. FitzGerald, Esq. ..	5	1	0	155	...	22.49	144	90
D Rayners Lane (High Worple) ..	R. H. Daw, Esq. ..	5	1	0	153	...	23.00	155	95
D Ruislip (+A)	Middlesex County Council	5	1	6	142	...	22.68	135	97
D Harrow (Welldon Crescent)	S. Hyla Greves, Esq. ..	5	1	0	200	...	23.34	158	101
D Hendon (Council Depot)	J. L. Pelham, Esq., C.E. .	8	1	0	157	...	21.83	144	103

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			.01 in. or more	.04 in. or more
			Ground	Sea Level					
MIDDLESEX—(contd.)									
		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>in.</i>		
1.—THAMES. Colne & Brent—(contd.)									
D Hampstead Gdn. Suburb (Hurst Close)	E. Gold, Esq., F.R.S.	5	1	4	260	...	23.37	152	101
D Pinner (Hillcrest Avenue)	P. R. Hands, Esq.	5	1	0	170	...	23.93	154	100
D WEALDSTONE (Kodak Works)	Kodak Ltd.	5	1	0	175	25.3	23.45	160	105
M Northwood (Ravenswood)	M. T. Allen, Esq.	5	2	0	365	26.8	25.82	...	...
d Stanmore	(+A) Harrow U.D.C.	5	1	0	281	26.7	23.91	149	103
d Edgware (Franklyn Gardens)	A. R. Bill, Esq.	5	1	0	250	...	23.12	147	105
D Mill Hill (Barnet Way)	Major N. G. Brett-James	5	0	10	308	...	22.86	134	105
w Barnet (Old Ford View)	Capt. C. E. Mills	5	1	0	360	...	26.11	...	...
d Potters Bar (Mountgrace C'ty Sch.)	Headmaster	5	1	0	375	27.1	26.10	151	117
D Potters Bar (Sewage Disposal Works)	Engineer and Surveyor	5	1	0	260	...	23.06	144	102
2.—THAMES. Lea. 47 sq. mi.									
D Crouch End (Priory Park)	Hornsey Borough Council.	5	1	0	118	25.8	22.28	151	104
D Hornsey (High Street)	Metropolitan Water Board	5	1	0	107	24.9	21.09	137	96
D Harringay (Wightman Road)	Hornsey Borough Council.	5	1	0	90	...	22.45	139	99
D Muswell Hill (Council Nurseries)	Hornsey Borough Council.	5	1	0	209	26.1	23.53	135	102
D Palmers Green (Broomfield Park)	Borough Engineer	8	1	6	136	24.7	22.95	130	99
d ENFIELD (Sewage Works)	Engineer & Surveyor	5	1	3	43	...	21.62	...	94
D SOUTHGATE (Oakwood Park)	(+A) Borough Engineer	5	1	0	220	...	23.03	144	102
D Enfield (Southbury Road)	Metropolitan Water Board	5	1	0	148	24.7	21.40	137	95
D Enfield (Forty Hill)	G. H. Pearce, Esq., F.R.C.S.	5	1	0	125	...	22.62	147	104
D Enfield (Hadley Road Pump. Stn.)	Metropolitan Water Board	5	1	0	140	...	22.52	138	101
D Enfield (Whitewebbs Park)	Engineer & Surveyor	5	1	2	120	...	22.31	131	99
D Waltham Cross (Sewage Works)	Cheshunt U.D.C.	5	1	3	61	22.6	22.51	122	94
HERTFORDSHIRE. (Area, 635 sq. mi.)									
1.—THAMES. Thame. 10 sq. mi.									
2.—THAMES. Colne & Brent. 199 sq. mi.									
d Maple Cross (Sewage Works)	Colne Valley Sewerage Bd.	5	1	0	137	...	24.53	...	...
d Northwood (St. Mary's Avenue)	R. H. Daw, Esq.	5	1	0	231	...	26.19	...	...
D Batchworth Heath (Bathend)	H. H. Annetts, Esq.	5	1	0	364	...	24.38	157	111
d Bushey Heath (California Lane)	Miss C. C. Cooper	5	1	0	550	26.0	23.78	...	106
D Bushey (Merry Hill Road)	J. F. Wyley, Esq.	5	1	0	450	...	24.14	141	100
D Bushey Heath Reservoir	Colne Valley Water Co.	5	1	3	520	26.1	22.99	158	104
d Totteridge (Great Bushey Drive)	J. Monger, Esq.	5	0	11	250	26.9	24.61	167	110
D Batchworth (Pumping Station)	L. F. Hobbs, Esq., C.E.	5	1	2	156	26.5	25.08	144	105
D Croxley Green (Hill Cottage)	Late B. P. Waller, Esq.	5	1	0	250	...	26.11	157	107
D Chorleywood (Berry Lane)	M. B. King, Esq.	5	1	0	230	...	25.37	150	109
D East Barnet (Sewage Disposal Wks.)	East Barnet U.D.C.	5	1	0	137	...	22.47	150	94
D East Barnet (Tudor Sports Ground)	East Barnet U.D.C.	5	1	0	229	...	23.64	152	102
D Barnet (Sewage Works)	(+A) E. Scott, Esq., C.E.	5	1	3	296	...	24.81	151	116
D Boreham Wood (Furzehill Road)	H. T. Court, Esq.	5	1	0	302	...	24.29	144	102
D Boreham Wood (Shenley Road)	Elstree U.D.C.	5	1	0	300	...	23.78	143	103
w Elstree (Aldenham Reservoir)	Colne Valley Water Co.	5	1	0	330	26.5	23.41	...	...
D Watford (Aldenham Road)	Colne Valley Water Co.	5	3	6	204	25.6	23.41	138	102
D Watford (Waterworks)	L. C. Kimberlin, Esq., C.E.	8	2	10	170	25.9	25.10	156	109
D Aldenham (C.E. School)	L. W. Stratton, Esq.	5	1	0	298	...	23.42	145	101
D Watford (Callowland)	K. C. Rees, Esq.	5	1	0	250	...	21.65	135	107
D Garston (Building Research Stn.)	(+A) Director	5	1	0	250	26.2	23.62	144	100
D Kings Langley (Fir Tree Cottage)	Miss H. M. Toms	5	1	0	278	28.1	26.32	159	116
D BOVINGDON Airport	(+A) Meteorological Office	5	1	0	516	...	23.70	149	107
D North Mimms (Pumping Station)	(+A) Barnet District Water Co.	5	1	0	254	...	23.61	140	100
D Hemel Hempstead (Apsley Mills)	J. Dickinson & Co. Ltd.	24	1	4	268	27.9	24.29	159	112

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground		above Sea Level				
		in.	ft.	in.	ft.	in.	in.		
HERTFORDSHIRE—(contd.)									
2.—THAMES. Colne & Brent—(contd.)									
Boxmoor (Moorlands)	L. W. Swainson, Esq. ..	5	1	0	300	28.3	24.06	...	...
D Colney Heath (Tyttenhanger Pump. Stn.)	Barnet District Water Co. ..	5	1	0	241	25.7	23.60	151	102
d St. Albans (Hill End Hospital) ..	Controller	5	1	0	295	25.1	22.29	...	...
D St. Albans (Stonecross Pumping Stn.)	L. W. Ball, Esq.	5	1	6	420	...	23.04	141	100
D ST. ALBANS (Oaklands)	Hertfordshire Inst. of Agric. ..	5	1	0	272	24.9	22.59	134	101
D St. Albans (Gorhambury)	Head Gardener	5	1	0	432	27.9	21.56	149	107
D Hatfield (Roe Green)	Dr. K. Hutton, M.A. ..	5	1	0	350	...	24.29	137	105
D Hatfield (Pumping Station)	Barnet District Water Co. ..	5	1	0	340	26.0	23.54	141	103
D Berkhamsted (Rossway)	Maj. A. G. N. Hadden-Paton ..	5	1	3	400	...	27.19	160	121
D Berkhamsted (Lagley)	Mrs. F. W. Johnston ..	5	1	0	400	28.9	24.23	140	112
D Berkhamsted (Amersfort)	W. S. Cohen, Esq.	5	1	0	520	...	22.97	140	111
D Tring (Cowroast Lock)	British Waterways	5	1	0	390	28.4	23.41	145	113
D Tring (New Ground Pumping Station)	Bucks Water Board	5	1	0	432	28.4	23.58	144	112
D §Harpenden (ROTHAMSTED) .. (+A)	Lawes Agricultural Trust ..	5	1	0	420	27.3	23.30	145	109
D Harpenden (Rothamsted)	Lawes Agricultural Trust 72 × 87	5	1	0	420	28.6	24.63	166	113
D Markyate (Waterworks)	I. Wilson, Esq.	5	1	0	538	...	24.26	130	119
3.—THAMES. Lea. 340 sq. mi.									
d Cheshunt (Cemetery)	Cheshunt U.D.C.	5	0	11	160	...	21.59	138	104
D Northaw (Arish Mell)	W. T. Webster, Esq. ..	5	1	6	300	...	24.94	147	110
D Cheshunt Yard	Metropolitan Water Board ..	5	1	0	114	24.1	21.30	132	91
D Cheshunt (Darnicle Hill Pumping Stn.)	Metropolitan Water Board ..	5	1	0	250	26.2	23.04	146	97
D Hatfield (Clarke's Road)	C. A. Barnes, Esq.	8	1	0	270	...	23.13	166	100
D Broxbourne (Broxbournebury) ..	Mr. D. Cake	5	1	0	135	...	22.10	162	99
D Hoddesdon	H. F. Hayllar, Esq.	5	3	0	130	23.7	20.59	150	97
D Hatfield (Essendon)	Lee Conservancy Catchm. Bd. ..	5	1	0	360	...	24.26	155	97
d Hoddesdon (Feilde's Weir)	Metropolitan Water Board ..	5	1	0	95	23.7	21.38	...	97
D BAYFORDBURY	Curator, J. Innes, H.I. ..	5	1	0	221	23.1	22.25	134	96
D Haileybury College	Headmaster	8	1	0	270	24.8	23.34	142	99
D EASTWICK LODGE Farm	Harlow Development Corp. ..	5	1	0	160	...	21.32	143	91
D Hertford (Cole Green)	Lee Conservancy Catchm. Bd. ..	5	1	0	240	...	22.08	150	100
D Welwyn Garden City (Sewage Wks.)	Engineer & Surveyor	5	1	0	246	24.7	21.74	146	98
D Hertford (Sewage Works) .. (+A)	Metropolitan Water Board ..	5	1	0	123	23.3	21.24	141	96
D Ware (Amwell End Pumping Stn.) ..	Metropolitan Water Board ..	5	1	0	105	23.5	21.39	139	90
d Ware (Grammar School)	Headmistress	5	1	2	118	23.0	22.29	...	...
D Ware (Chadwell Spring)	Metropolitan Water Board ..	5	1	0	140	24.2	21.19	136	86
D Ware (Collett Road)	Mrs. L. E. Gull	5	1	0	150	...	22.38	139	90
d Wheathampstead (Water End House)	The Countess Reventlow ..	5	1	0	255	...	22.35	...	...
D Harpenden (Sauncey Avenue) ..	M. Jennings, Esq.	5	1	0	383	...	22.93	148	108
d Welwyn (Sewage Works)	Surveyor, U.D.C.	8	0	11	260	...	21.30	...	96
D Hertford (Chapmore End)	Lee Conservancy Catchm. Bd. ..	5	1	0	180	...	21.46	142	89
d Welwyn (Codicote Lodge)	Head Gardener	5	1	0	340	25.8	20.24	...	...
D Much Hadham (Moor Place)	R. C. Norman, Esq.	5	1	0	270	...	22.77	149	99
D Bishop's Stortford (Castle Mound) ..	Engineer & Surveyor	5	1	0	224	...	23.71	130	96
D Ware (Little Munden School) ..	Lee Conservancy Catchm. Bd. ..	5	1	0	320	...	20.53	146	99
D Breachwood Green	Lee Conservancy Catchm. Bd. ..	5	1	0	489	25.9	23.00	163	109
D Bishop's Stortford (Dunmow Road) ..	H. J. Holmes, Esq.	5	1	1	290	...	24.38	145	109
D Little Hadham (Hadham Hall) ..	Herts County Council	5	1	0	338	24.5	20.68	142	100
D Knebworth (Swangley's Lane) ..	R. G. Walker, Esq. ...	5	1	0	303	...	20.63	132	97
D Whitehall (Pumping Station) ..	Stevenage Development Corp. ..	5	1	0	231	...	22.01	150	96
D Stevenage (Broomin Green) .. (+A)	Stevenage Development Corp. ..	5	1	0	307	...	20.57	145	97
D Hitchin (Preston Hill Farm)	F. H. Maybrick, Esq. ..	5	1	0	484	25.2	21.50	141	102
D Braughing (Upp Hall)	Mr. W. S. Pimblett ..	5	1	0	370	...	22.23	142	99
D Stevenage (Pin Green)	Stevenage Development Corp. ..	5	1	0	452	...	21.28	148	95

§ Turf wall round gauge.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
HERTFORDSHIRE—(contd.)									
3.—THAMES. Lea—(contd.)									
D Ardeley Bury	Lee Conservancy Catchm. Bd.	5	1	0	356	...	22.81	144	104
D Buntingford (Chipping)	Lee Conservancy Catchm. Bd.	5	1	0	340	...	21.74	132	82
4.—OUSE. 86 sq. mi.									
d Preston (Sadleirs End)	H. F. Briggs, Esq.	5	1	0	500	...	22.69	...	96
D Hitchin (Knightswood)	H. Cooke, Esq.	5	1	2	300	...	24.46	163	103
D Letchworth (Museum)	(+A) Surveyor U.D.C.	5	1	0	290	22.4	21.37	137	96
d Barley (Dalnyveed)	W. F. Sermons, Esq.	5	1	0	300	...	20.77	...	90
D Royston (Earls Hill House)	Col. E. C. M. Phillips, D.S.O.	8	1	3	225	23.6	21.36	164	102
BUCKINGHAMSHIRE. (Area, 743 sq. mi.)									
1.—THAMES. Cherwell. 30 sq. mi.									
2.—THAMES. Thame. 158 sq. mi.									
D Princes Risborough (Research Lab.)	Director	5	1	0	333	...	23.36	154	105
D Monks Risborough (Waterworks)	Bucks Water Board	5	1	0	363	...	24.50	149	112
D AYLESBURY (County Farm)	Bucks Education Committee	5	1	0	316	...	20.23	123	109
D Wendover (Dobbins Lane)	Bucks Water Board	5	1	0	402	...	22.11	160	110
D Tring (Dancers End Pumping Station)	Bucks Water Board	5	1	0	650	...	23.36	149	113
D Tring (Bulbourne)	British Waterways	5	1	0	401	26.2	24.27	166	115
D Aylesbury (Sewage Works)	Engineer & Surveyor	5	1	0	251	25.9	20.16	137	107
D Mentmore Gardens	Mr. T. Lindores	5	1	3	400	25.0	25.23	137	104
3.—THAMES. Wye & c. 129 sq. mi.									
D Eton (Tangier Island)	(+A) G. S. Baker, Esq.	5	0	8	68	24.6	22.32	146	90
D Slough (Upton)	Mrs. L. R. Bentley	5	1	0	78	23.9	22.93	146	94
D Slough (Baylis House)	(+A) Borough Engineer	5	1	0	90	...	22.76	146	95
D Taplow Court Gardens	G. H. Emmett, Esq.	5	1	0	212	...	22.54	148	99
D Henley-on-Thames (Greenlands)	Lord Hambleden	5	1	0	125	27.1	23.94	172	113
D Burnham (Waterworks)	Engineer	5	1	0	180	...	22.43	139	103
d Bourne End	B. C. Hammond, Esq.	5	1	0	96	...	22.62	...	...
D Hambleden (Hatchmans)	Mr. L. J. R. Coates	5	1	3	185	...	25.64	151	111
D High Wycombe (Pann Mill Pump Stn.)	S. Young, Esq.	8	1	0	219	...	24.14	153	112
D High Wycombe (Lane End Reservoir)	S. Young, Esq.	5	1	0	659	...	25.01	...	...
D Penn (Rayners)	Mr. R. Cole	5	1	10	547	29.4	25.96	145	101
D Radnage (Hillmeadows)	C. A. Atchley, Esq.	5	1	0	550	...	25.38	155	115
D Hampden House	The Earl of Buckinghamshire	5	1	0	695	29.2	23.90	161	137
4.—THAMES. Colne. 133 sq. mi.									
D Slough (Ditton Park)	Admiralty	5	2	0	70	24.7	22.21	144	90
D Gerrards Cross (Mill Lane)	A. L. Carroll, Esq.	5	1	0	280	26.4	25.86	157	105
d Denham (Golf Club)	Secretary	5	1	6	210	26.4	24.08	...	...
D Gerrards Cross (Bulstrode Gardens)	Miss F. Hill	5	1	6	280	27.2	25.04	144	103
D Chalfont St. Peter (The Colony)	J. W. Edwards, Esq.	8	1	2	340	27.3	26.25	164	112
D Little Chalfont (Coke's Lane)	T. H. Fowler, Esq.	5	1	0	425	...	25.16	156	109
D Amersham (Waterworks)	L. F. Hobbs, Esq., C.E.	8	1	0	292	...	25.71	155	120
D Amersham (Chestnut Lane)	R. L. Alexander, Esq.	5	1	3	500	...	26.07	133	114
D Great Missenden (Pumping Station)	L. F. Hobbs, Esq., C.E.	5	1	0	372	29.4	24.26	151	112
D Wendover (Pumping Station)	Bucks Water Board	8	1	0	486	30.8	24.65	165	119
D Chesham Vale (Hawridge Pumping Stn.)	Bucks Water Board	5	1	0	423	29.7	24.98	150	114
d Dagnall (Ivinglea)	E. L. Hawke, Esq., M.A.	5	1	0	550	...	25.93	...	...

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
BUCKINGHAMSHIRE—(contd.)									
5.—OUSE. 239 sq. mi.									
D Oving House	Head Gardener	5	1	0	515	26.4	22.75	137	113
d Wing (Burcott Lodge Farm)	B. B. Winter, Esq.	5	1	0	420	...	20.75	...	...
d Twyford Vicarage	Rev. J. L. Payne	5	0	9	279	...	20.92	...	95
D Swanbourne House School	H. A. C. Evans, Esq.	5	1	0	410	26.3	22.29	137	99
d Bletchley (Sewage Works)	Bletchley U.D.C.	5	1	6	220	...	20.44	...	...
d Buckingham (Sandpit Farm)	R. Davis, Esq.	5	1	0	260	25.3	20.30	...	...
D Buckingham (Foxcote Pumping Stn.)	Bucks Water Board	5	1	0	305	...	19.96	144	106
D Wolverton (Eton Crescent)	R. H. Clark, Esq.	5	1	0	280	...	21.82	146	101
D Newport Pagnell (Wolverton Road)	J. Coales, Esq.	8	1	6	182	23.2	18.80	151	100
d Olney (Waterworks)	Water Engineer	5	1	0	175	...	19.05	...	94
D Olney (Colchester House)	R. E. Sowman, Esq.	5	0	9	170	...	19.40	151	97
D Turvey (Brayfield House)	Major M. E. Farrer	5	5	0	180	23.3	19.40	155	96
OXFORDSHIRE. (Area, 756 sq. mi.)									
1.—SEVERN. Upper Avon. 10 sq. mi.									
D Sibford Ferris (Grounds Farm)	B. W. Lamb, Esq.	5	3	0	570	...	19.46	144	100
2.—THAMES. Windrush & c. 261 sq. mi.									
d Kelmscott	R. Hobbs, Esq.	5	1	0	230	24.8	19.99	...	100
D Milton-under-Wychwood (Castle Fm.)	H. B. Edginton, Esq.	5	1	0	550	...	23.17	160	102
d Charlbury (Cornbury Park)	Head Gardener	5	1	0	420	...	22.87	...	92
d Chadlington (The Manor)	Paul Handy, Esq.	5	1	0	400	...	20.36	...	...
D Glympton Rectory	Rev. C. H. Cox	5	1	0	310	...	23.87	153	103
D Chipping Norton (Heythrop College)	Meteorologist	8	1	0	600	28.0	22.97	155	106
D Chipping Norton (Bungalow)	R. L. Cox, Esq.	5	1	0	750	27.6	22.47	144	102
3.—THAMES. Cherwell. 250 sq. mi.									
D Littlemore (Sewage Farm)	City Engineer, Oxford	8	1	0	209	...	19.65	138	101
D Oxford (Hinksey Pumping Station)	H. H. Crawley, Esq., C.E.	8	1	0	187	24.0	20.92	127	101
D Oxford (Osney Lock)	Thames Conservancy	5	1	6	186	24.4	19.97	135	103
D Oxford (Richmond Road)	R. A. Bowen, Esq.	5	1	0	200	...	21.87	134	101
D Oxford (Norham Road)	Miss Josephine Fry	5	1	0	200	...	21.62	141	106
D OXFORD (Radcliffe Met. Station)	Professor of Geography	8	1	0	208	24.8	22.95	164	105
D Oxford (Jack Straw Lane)	F. P. Insley, Esq.	5	1	6	220	...	23.37	149	104
D Noke (Orchard Cottage)	Miss S. M. Fry	5	1	0	200	...	22.11	148	112
D Hampton Poyle (The Old Rectory)	Dr. G. D. Parkes	5	1	0	210	...	20.30	145	100
D Kidlington (Shipton Manor)	A. J. Wells, Esq.	5	1	0	243	...	20.07	135	94
D Woodstock (The Retreat)	A. Edward Hobbs, Esq.	5	1	0	313	...	22.36	130	103
d Middleton Park	A. C. J. Wall, Esq.	5	1	0	326	25.8	20.37	...	...
d West Adderbury (Cross Hill)	Lt.-Col. H. E. du C. Norris	5	1	0	338	25.4	19.45	...	92
D Adderbury	Miss E. F. Spencer	5	0	8	350	...	19.42	137	99
D North Newington (Orchard House)	H. J. Busby, Esq.	5	1	3	392	26.7	21.07	152	105
D Grimsbury (Pumping Station)	(+A) Banbury Water Dept.	5	1	3	299	...	17.95	151	94
4.—THAMES. Thame & c. 210 sq. mi.									
D Henley-on-Thames (Greys Lane)	L. Weston, Esq.	5	1	1	123	26.1	23.21	151	111
D Henley-on-Thames (Longlands)	J. E. Chalcraft, Esq.	5	0	5	150	...	23.11	153	106
D Stoke Row (Vicarage)	Rev. C. Isherwood	5	1	0	576	...	25.03	150	124
d Checkendon (Uxmore)	Major F. P. Landon	5	1	0	588	...	26.02	...	...
D Ipsden (Hailey)	A. F. Williams, Esq.	5	1	0	350	27.0	20.68	152	104

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
				Rim above Ground	above Sea Level					
OXFORDSHIRE—(contd.)			in.	ft.	in.	ft.	in.	in.		
4.—THAMES. Thame & c.—(contd.)										
D	Swyncombe House	C. W. Christie-Miller, Esq.	5	1	0	515	30.2	23.77	168	112
D	Swyncombe (Cookley House) ..	J. S. C. Bridge, Esq. ..	5	1	0	720	30.7	26.12	165	121
D	Benson Airfield (+A)	Meteorological Office ..	5	1	0	219	...	18.27	147	100
d	Watlington (Britwell Salome) ..	R. Roadnight, Esq. ...	5	1	0	400	...	19.99	...	...
D	Watlington (Cuxham)	Miss M. E. Edwards ..	5	0	10	200	...	21.05	140	119
D	Clifton Hampden (Manor House)	The Hon. Mrs. G. Gibbs ..	5	1	0	190	23.7	18.94	137	103
D	Watlington (Pyrtton Manor) ..	Col. Ducat Hamersley ..	5	1	0	325	26.5	22.23	147	123
D	Drayton St. Leonard (Guy's) ..	R. Jackson, Esq.	5	1	0	164	...	18.19	146	103
D	Wheatfield	Lt.-Col. A. V. Spencer, D.S.O.	5	0	11	260	25.6	20.89	137	107
d	Toot Baldon (Potlands)	H. J. Richens, Esq. ..	5	1	0	289	24.7	21.09	...	109
D	Thame (The Blue Man)	H. Badger, Esq.	5	1	0	200	...	22.28	151	106
NORTHAMPTONSHIRE. (Area, 1,003 sq. mi.)										
1.—SEVERN. Upper Avon. 60 sq. mi.										
D	Rugby (Braunston Rectory)	Rev. H. E. Ruddy	5	1	0	385	26.8	21.40	144	105
d	Naseby Reservoir	British Waterways	5	2	0	519	26.4	24.26	...	112
d	Naseby (Naseby Woolleys)	Col. R. L. Findlay	5	1	0	520	...	22.14	...	...
2.—THAMES. Cherwell. 77 sq. mi.										
3.—OUSE. 148 sq. mi.										
D	Hazelborough Woods	Forestry Commission ..	8	1	0	441	...	21.85	134	101
D	Towcester (Bradden House)	J. C. Grant-Ives, Esq. ..	5	1	0	420	26.5	21.55	136	96
D	Towcester (Easton Neston)	The Rt. Hon. Lord Hesketh	8	1	0	325	26.6	20.88	137	112
4.—NENE. 622 sq. mi.										
D	Litchborough Rectory	Rev. Leathley*	5	1	0	485	...	21.75	161	104
D	Blisworth (Grand Union Canal) ..	British Waterways	5	4	6	296	...	18.74	123	86
D	Yardley Hastings (Forest Lodge) ..	Forestry Commission ..	8	1	3	370	24.9	19.63	139	96
d	Bugbrooke Mill	Nene River Board	5	1	0	228	...	19.87	...	...
D	Little Houghton (Bedford Road) ..	A. J. Old, Esq.	5	1	0	300	...	18.30	146	96
D	Northampton (Hardingstone Gen. Stn.)	Central Electricity Authority*	5	1	0	189	...	18.90	133	93
d	Northampton (General Hospital) ..	Secretary Superintendent**	5	1	3	258	23.5	21.89	...	...
d	Northampton (St. Crispin Hospital) ..	Medical Superintendent ..	5	1	7	398	24.3	20.13	...	98
D	||Northampton (Stimpson Avenue) ..	Mid-Northants Water Board	8	1	0	329	...	20.55	146	94
D	||Northampton (Mercers Row)	C. W. Boddington, Esq. ..	5	12	0	250	23.6	23.07	164	112
D	Duston (Southfield Road)	W. P. Walker, Esq. ...	5	1	0	342	25.4	21.66	154	106
D	Wollaston (Pumping Station)	A. Millar, Esq., C.E. ..	5	1	9	140	...	17.92	141	95
d	Althorp Park	Head Gardener	5	1	0	400	26.1	22.52	(159)	(104)
D	Sywell Reservoir	A. Miller, Esq., C.E. ..	5	1	0	300	...	17.92	135	97
D	Norton Junction	British Waterways	5	0	6	358	26.6	20.70	177	106
D	Rushden (Cemetery)	A. Millar, Esq., C.E. ..	5	1	0	260	...	18.69	134	97
D	Wellingborough (Nene Wharf)	Nene River Board	5	1	0	135	...	17.75	135	97
D	Wellingborough (Swanspool)	R. Kilby, Esq.	5	1	0	187	24.3	19.09	139	97
D	Wellingborough Sewage Works) ..	R. Kilby, Esq.	5	1	0	139	...	18.81	133	98
D	WELLINGBOROUGH (Redwell Road) ..	L. G. Cottingham, Esq. ..	5	1	0	290	...	20.43	147	99
D	Wellingborough (Bushfield W.W.) ..	Mid-Northants Water Board	8	0	11	286	...	19.82	141	94
D	Ravensthorpe	Mid-Northants Water Board	5	0	11	320	...	21.33	135	99
D	Great Harrowden (The Hall)	L. J. Farnham, Esq.* ..	5	1	4	290	...	20.57	121	102
D	Hollowell	Mid-Northants Water Board	5	1	0	400	...	20.04	159	111

* Per Nene River Board.

** Per Northamptonshire Natural History Society.

|| Site unorthodox.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
NORTHAMPTONSHIRE—(contd.)									
4.—NENE—(contd.)									
D RAUNDS (Madison)	T. C. Smith, Esq.	5	1	0	193	...	18.56	145	97
D Orlingbury (Pumping Station) ..	Mid-Northants Water Board	5	1	0	286	...	19.60	133	97
d Lamport Hall	Sir Gyles Isham, Bart.* ..	5	1	0	480	26.9	19.51	...	...
D KETTERING (Piper's Hill Road) ..	S. K. Harris, Esq.	5	1	0	200	...	21.81	159	102
D Kettering W.W. (Cransley)	Mid-Northants Water Board	8	1	6	275	23.7	22.34	164	111
D Kettering (Sewage Works)	Borough Engineer	8	1	2	199	24.2	20.29	142	98
D Kettering W.W. (Thorpe Malsor) ..	Mid-Northants Water Board	5	1	0	345	24.8	21.23	151	102
D Kettering W.W. (Clover Hill) ..	Mid-Northants Water Board	5	1	0	344	24.2	19.73	134	102
D Thrapston (Drayton House)	Mr. C. V. Craske	5	1	6	220	24.7	21.22	161	99
d Thrapston (Islip Furnaces)	Messrs. Stewarts & Lloyds*	5	1	0	150	...	18.82	...	...
d Tichmarsh Rectory	Rev. Canon A. M. Luckock**	5	1	0	170	23.9	21.34	...	...
D Rothwell (Shotwell Mill Waterworks)	Surveyor, U.D.C.	5	1	6	340	23.6	19.55	138	91
D Desborough (U.D.C. Waterworks) ..	Mid-Northants Water Board	5	0	9	457	24.7	20.42	146	102
d Oundle (Nene Wharf)	Nene River Board	5	1	0	65	...	19.39	...	...
D Corby	Messrs. Stewarts & Lloyds*	5	1	0	319	...	20.39	138	102
D Kings Cliff (Apethorpe)	J. W. Tomkins, Esq.* ..	5	1	0	127	...	20.41	124	99
D Peterborough (Woodston)	British Sugar Corp'n. Ltd. ..	5	1	0	37	22.3	19.45	139	100
D Peterborough (Westbourne House) ..	E. H. Colman, Esq.	5	1	0	35	21.6	18.83	145	91
d Peterborough (Sewage Pump. Stn.)(+A)	L. H. Robjohn, Esq., M.B.E.	8	0	10	9	...	18.43	...	93
d Peterborough (Dogthorpe)	Welland River Board	5	0	11	45	...	19.32	...	...
D Wittering (Bone Mill)	E. Betts, Esq.	8	1	0	183	23.5	(19.50)	146	97
d WITTERING Airfield	Meteorological Office ..	5	1	0	260	...	20.31	137	99
5.—WELLAND. 96 sq. mi.									
d Gretton (Hillside)	W. Leeson, Esq.	5	1	0	275	...	21.19	...	...
D Market Deeping (Etton)	L. H. Robjohn, Esq., M.B.E.	8	1	0	36	...	18.08	142	89
HUNTINGDONSHIRE. (Area, 366 sq. mi.)									
1.—OUSE. 327 sq. mi.									
D Great Gransden	Major E. W. R. Bolden ..	5	1	0	150	...	18.93	135	95
D St. Neots (Kings Road)	W. P. Bond-Smith, Esq. ..	5	1	0	50	21.9	17.86	142	89
D Kimbolton (County Primary School)	Headmaster	5	1	0	50	...	22.11	130	93
D Hemingford Grey (Church Lane) ..	A. G. W. Briars, Esq. ..	5	1	0	25	...	19.95	147	110
d Hemingford Grey	Late F. W. Norris, Esq. ..	5	2	0	20	21.9	18.68	128	97
D St. Ives (Tenterleas)	Mr. H. E. Bell	5	1	0	25	22.6	18.62	144	97
D WYTON Airfield	Meteorological Office ..	5	1	0	141	...	16.92	137	88
D Abbot's Ripton Hall	L. F. Fillenham, Esq., C.E.	5	1	6	80	...	19.47	133	103
d Conington Castle Gardens	L. F. Fillenham, Esq., C.E.	5	1	0	25	...	20.54	...	...
D Ramsey (Biggin Lane)	W. T. Carter, Esq.	5	1	0	70	...	18.93	130	96
D Benwick (Four Hundred Farm) ..	L. F. Fillenham, Esq., C.E.	5	1	0	5	...	17.24	132	89
D Whittlesea Mere	L. F. Fillenham, Esq., C.E.	8	1	6	10	21.4	16.53	137	93
D Peterborough (Farcet)	G. E. D. Alcock, Esq. ..	5	1	0	60	...	19.54	146	97
2.—NENE. 39 sq. mi.									
BEDFORDSHIRE. (Area, 467 sq. mi.)									
1.—THAMES. Colne. 20 sq. mi.									
D Studham Hall	A. S. Butler, Esq.	5	1	0	636	...	21.12	153	119
D WHIPPSNADE Park	Zoological Society	5	1	0	720	28.7	24.31	175	118

*Per Nene River Board.

**Per Northamptonshire Natural History Society.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain-fall	1955							
				Diam.	Height of		Rain-fall	Days with .01 in. or more	Days with .04 in. or more					
				in.	ft.	in.	ft.	in.						
BEDFORDSHIRE—(contd.)														
2.—THAMES. Lea. 32 sq. mi.														
D	Luton (Pumping Station)	..	..	Borough Engineer	..	..	5	1	2	330	25·8	21·22	137	95
D	Dunstable (Waterworks)	..	..	Eastern Gas Board	..	..	5	1	0	520	...	20·69	147	100
D	Dunstable (Cemetery)	..	..	Borough Engineer	..	..	8	1	3	515	...	20·85	154	110
D	Dunstable (Cement Works)	..	..	Works Manager	..	..	5	0	8	430	...	20·95	149	98
D	LUTON (Wardown Park)	..	..	Borough Engineer	..	..	5	1	0	381	25·2	21·20	144	101
D	Luton (Stopsley)	..	..	Lee Conservancy Catchm. Bd.	..	..	5	1	0	540	25·7	20·69	134	110
D	DUNSTABLE	..	..	..	Meteorological Office	..	5	1	0	516	...	19·56	144	103
3.—OUSE. 408 sq. mi.														
D	Leighton Buzzard (Heath Road)	..	..	Great Ouse River Board	..	..	5	1	0	250	...	22·76	172	113
D	Battlesden (Pumping Station)	..	..	Bucks Water Board	..	..	8	1	0	358	...	22·41	138	112
d	Meppershall (High Street)	..	..	Mrs. F. Rainbow	..	..	5	1	0	250	22·9	17·54	134	92
D	WOBURN (Experimental Farm)	..	..	Lawes Agricultural Trust	..	..	8	1	0	291	23·9	20·29	151	97
D	Letchworth (New Sewage Works)	..	..	Surveyor, U.D.C.	..	..	5	1	0	209	22·3	19·50	137	92
d	Stotfold (Three Counties Hospital)	..	..	Dr. McDiarmid	..	..	5	1	6	200	22·6	19·79	...	...
D	SILSOE (Wrest Park)	..	..	(+A) Nat. Inst. of Agric. Eng.	..	..	5	1	0	195	22·0	18·11	138	88
d	Arlesey (Sewage Works)	..	..	H. W. Pridmore, Esq.	..	..	5	1	0	141	22·5	18·21	137	91
D	Stotfold (Sewage Works)	..	..	H. W. Pridmore, Esq.	..	..	5	1	0	130	22·3	17·07	132	90
D	Ampthill (Lyme Road)	..	..	J. K. Horne, Esq.	..	..	5	1	0	300	...	18·98	148	97
	Shefford (Clifton Close)	..	..	C. H. Inskip, Esq.	..	..	5	1	6	90	22·2	16·68	...	...
d	Bedford (Stewartby School)	..	..	Headmaster	..	..	5	1	0	125	...	17·82	...	...
D	Biggleswade (New Spring Pumping Stn.)	..	..	T. A. Staniforth, Esq.	..	..	5	1	6	175	21·6	17·93	130	91
D	CRANFIELD Airfield	..	..	(+A) Meteorological Office	..	..	5	1	0	340	22·2	19·24	150	96
D	CARDINGTON	..	..	(+A) Meteorological Office	..	..	5	1	0	75	...	18·30	144	87
	Kempston	..	..	Mr. C. S. Payne	..	..	6	2	0	125	...	18·31	...	...
D	Potton (Sewage Works)	..	..	H. W. Pridmore, Esq.	..	..	5	1	0	111	22·2	19·19	179	98
d	Sandy (Moggerhanger Park)	..	..	W. R. Pettifer, Esq.	..	..	5	1	0	152	23·1	22·34	127	102
d	Tempsford	..	..	Great Ouse River Board	..	..	5	1	0	57	...	20·63	...	...
D	Bedford (Castle Road)	..	..	Miss M. E. Newbery	..	..	5	4	0	100	22·3	19·88	147	94
D	Bedford (Hurst Grove)	..	..	E. H. Lock, Esq.	..	..	5	1	0	90	...	18·69	123	90
D	Bedford (Bedford Park)	..	..	(+A) Borough Engineer	..	..	8	1	3	117	...	17·29	138	88
D	Goldington (Castle Mill House)	..	..	G. A. Rogers, Esq.	..	..	5	1	6	79	21·9	18·78	140	90
D	GOLDINGTON (The Risings)	..	..	J. K. Rothwell, Esq.	..	..	5	1	0	107	...	18·94	152	90
D	Bedford (Renhold)	..	..	C. G. Barber, Esq., C.I.E.	..	..	5	1	0	168	...	18·39	151	92
d	Pavenham	..	..	C. D. Linnell, Esq.	..	..	5	1	0	200	22·4	19·63	...	...
D	Carlton (Stayesmore Manor)	..	..	Col. G. A. Battcock	..	..	5	1	0	168	...	20·35	...	...
D	HARROLD	..	..	H. F. Dodd, Esq.	..	..	5	1	0	150	...	18·08	147	97
D	Souldrop	..	..	C. Gulliver, Esq.	..	..	5	1	0	300	...	20·51	165	108
4.—NENE. 7 sq. mi.														
CAMBRIDGESHIRE. (Area, 863 sq. mi.)														
1.—STOUR. 17 sq. mi.														
2.—OUSE. 741 sq. mi.														
D	Ashwell (Odsey)	..	..	W. Herbert Fordham, Esq.	..	..	5	1	6	256	23·0	19·72	143	96
d	Abington Pigotts Hall	..	..	M. G. de Courcy-Ireland, Esq.	..	..	5	1	0	98	21·8	18·11	...	87
D	Melbourn (County School)	..	..	W. Ogden, Esq.	..	..	5	1	4	85	22·2	17·90	160	87
d	Hildersham (Old Mill House)	..	..	Lt.-Col. O. B. Foster, M.C.	..	..	5	1	6	108	22·5	20·67	...	104
D	Great Shelford Vicarage	..	..	Rev. R. Gardner	..	..	5	1	0	50	...	18·76	143	92
D	Fulbourn (Fleam Dyke)	..	..	Cambridge Waterworks Co.	..	..	5	1	0	99	23·0	17·59	145	99
D	Fulbourn (Hospital)	..	..	Head Gardener	..	..	5	1	0	72	22·7	17·76	125	96
d	Cambridge (Barrow Road)	..	..	N. T. Myers, Esq.	..	..	8	0	9	47	22·3	19·72	129	96
d	Cambridge (Barton Road)	..	..	J. M. Wheeler, Esq.	..	..	5	0	8	35	...	19·92	154	103
d	Cambridge (Corporation Store Yard)	..	..	Borough Engineer	..	..	5	1	8	52	21·2	20·54	...	...
D	CAMBRIDGE (BOTANIC GARDENS)	..	..	Director	..	..	5	1	0	41	21·8	19·66	135	98

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
CAMBRIDGESHIRE—(contd.)									
2.—OUSE—(contd.)									
D Cambridge (Corporation Pumping Stn.)	Borough Engineer	5	2	4	42	22.1	19.04	138	95
D Cambridge (Woodlark Road)	J. Doggett, Esq.	5	1	0	62	...	20.16	146	97
D CAMBRIDGE (N.I.A.B.)	Director	5	1	0	85	22.0	19.12	148	86
d Dullingham (Stetchworth Park)	Mr. H. Fern	5	1	3	270	...	18.34	...	98
d Quy Hall	Lt.-Col. J. C. W. Francis ..	5	0	9	18	22.6	22.17	...	...
d Histon (Impington Village College)	E. R. Franklin, Esq.	5	1	0	30	...	(20.10)	...	...
D BOXWORTH	Farm Director	5	1	0	157	21.3	18.93	142	90
d Boxworth (Manor House)	Lt.-Col. E. B. Thornhill, M.C.	5	1	0	76	23.4	21.06	...	101
d Waterbeach (Bottisham Lock)	Great Ouse River Board ..	5	1	7	10	20.5	17.92	...	84
D Cottenham (Bernard House) ..	Miss K. Bull	5	1	6	30	22.1	19.55	147	97
d Fordham (Carter Street)	Miss F. M. Bloom	5	1	0	30	21.4	17.52	...	88
D Bluntisham (Brownhill Staunton)	Great Ouse River Board ..	5	1	0	10	...	18.57	141	96
d Stretham (Engine House)	C. O. Clarke, Esq.	5	1	0	13	21.2	16.30	...	...
D Ely (Roswell Pits)	Great Ouse River Board ..	5	2	0	114	...	17.68	136	96
D Ely (Prickwillow)	Supt. Middle Fen Com'rs... ..	5	1	0	10	...	19.75	139	103
D Littleport (Highfield House) ..	Miss S. M. Martin	8	4	0	67	21.3	19.10	126	86
D Chatteris (The Vicarage)	Rev. J. C. Hawthorn	5	0	11	30	...	17.38	154	86
D Chatteris (Cemetery)	L. F. Fillenham, Esq., C.E.	5	1	0	25	...	16.60	127	92
D Chatteris (Puddock Bridge) ..	L. F. Fillenham, Esq., C.E.	5	1	0	5	...	17.19	127	87
D Whittlesey (Glassmoor Bungalow)	Whittlesey & Farcet Int. D. Bd.	5	1	0	1	...	17.17	128	93
D Whittlesey (Ashline Sluice) ..	L. F. Fillenham, Esq., C.E.	5	1	0	15	...	16.79	128	87
d March	L. F. Fillenham, Esq., C.E.	5	1	0	8	22.8	18.36	...	91
D Upwell (Marmont Priory Lock)	L. F. Fillenham, Esq., C.E.	5	1	0	10	20.6	15.91	145	88
3.—NENE. 105 sq. mi.									
D Stanground Sluice	L. F. Fillenham, Esq., C.E.	5	1	0	15	21.7	18.67	141	96
d Thorney Toll (Elm Tree Farm)	Mrs. Snushall	5	2	6	6	...	18.35	...	...
D Thorney (North House)	H. W. Burton, Esq.	5	1	0	4	...	17.59	131	90
d Thorney (Nuts Grove Farm) ..	T. R. Pick, Ltd.	5	0	5	12	...	17.74	...	...
D Parson Drove (Clough's Cross)	J. C. Purser, Esq.	8	1	0	6	22.1	16.88	141	88
d Wisbech (Tydd Manor)	Messrs. A. H. Carter & Sons	5	6	0	9	...	16.42	...	89

DIVISION IV—EASTERN COUNTIES

ESSEX. (Area, 1,532 sq. mi.)

1.—THAMES. Lea. 132 sq. mi.

D West Ham (Abbey Mills)	London County Council ..	8	0	8	15	22.3	22.59	141	95
D Leyton (Sewage Works)	(+A) Borough Engineer ..	5	0	9	22	23.0	19.84	146	94
D Lea Bridge (Waterworks)	Metropolitan Water Board	5	1	0	23	...	20.64	137	94
D Walthamstow (Ferry Lane)	Metropolitan Water Board	5	1	0	30	22.6	19.38	125	93
D Woodford (Haggar Lane)	Metropolitan Water Board	5	1	0	176	23.0	21.83	127	102
D \$Buckhurst Hill Reservoir	Metropolitan Water Board	5	1	0	275	23.9	22.49	143	103
D Chingford (Beresford Road) ..	H. Hawkins, Esq.	5	0	10	150	...	21.26	148	108
D Chingford (Crescent Road) ..	Miss M. L. Mathieson ..	5	1	0	200	23.3	22.07	145	100
D Chingford Mill	Metropolitan Water Board	5	1	0	40	23.0	19.75	126	91
D Loughton (High Beech Reservoir)	Metropolitan Water Board	8	1	0	376	25.1	22.98	152	106
D Waltham Abbey (Rammey Marsh) ..	Metropolitan Water Board	5	1	4	60	23.4	21.64	129	96
D Waltham Abbey (Pumping Station)	Metropolitan Water Board	5	1	0	62	23.3	21.18	131	95
d Waltham Abbey (Gunpowder Factory)	Superintendent	5	2	0	64	...	21.01	...	...
D Spellbrook Lock	Lee Conservancy Catchm. Bd.	5	0	9	172	...	22.17	144	94
D Hatfield Broad Oak (Barrington) ..	A. H. Gosling, Esq.	5	1	0	300	24.3	24.48	151	105
D ||STANSTED Airport	Meteorological Office ..	5	1	0	330	...	21.45	137	97

|| Gauge over-exposed.

§ Turf wall round gauge.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground above		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
ESSEX—(contd.)									
1.—THAMES. Lea.—(contd.)									
D Stansted Nurseries	C. G. Hill-Smith, Esq. ..	5	1	0	275	...	24.59	151	105
D Stansted (Burton Bower)	Major E. Cawkell	5	1	0	335	...	23.21	151	102
D Clavering (Clavering Hall)	Messrs. Tinney & Hitchcock	5	0	9	300	...	21.53	136	101
2.—THAMES. Roding & c. 316 sq. mi.									
D Tilbury (Grays Sewage Works)	Manager	8	1	8	9	20.3	18.67	136	84
d Tilbury (Beaconsfield Road)	C. S. H. Hawkes, Esq., C.E.	5	1	0	6	20.2	17.75	...	...
d Grays (Connaught Avenue Depot)	C. S. H. Hawkes, Esq., C.E.	5	1	6	80	...	18.72	...	...
d Rainham (Riverside Sewage Works)	Dagenham U.D.C.	8	1	6	5	19.3	20.44	157	92
d Rainham (Spring Farm Rec. Ground)	Hornchurch U.D.C.	5	1	0	24	...	20.97	137	92
d Orsett Hall	Col. Sir Francis Whitmore	8	1	2	70	...	19.92	...	...
D Barking	Engineer and Surveyor ..	5	1	0	5	...	21.60	131	89
D EAST HAM (Sewage Works)	Corporation	8	1	0	15	22.3	21.92	136	90
D East Ham Well	Metropolitan Water Board	5	1	0	17	21.6	20.59	137	87
D Canvey Island	Engineer & Surveyor ..	5	1	0	9	...	19.59	128	85
D Upminster (Little Gaynes Gardens)	A. D. May, Esq.	8	1	0	70	...	21.53	152	95
d Ilford (Loxford Park)	Engineer & Surveyor ..	5	1	0	30	...	20.98	...	...
d Ilford (Goodmayes Park)	Engineer & Surveyor ..	5	1	0	38	...	23.18	...	...
d Ilford (Valentines Park) (+A)	Engineer & Surveyor ..	5	1	0	43	...	20.82	...	...
d Ilford (Clayhall Park)	Engineer & Surveyor ..	5	1	0	109	...	21.60	...	...
D Ilford (Barkingside)	N. Twydell, Esq.	5	1	0	85	...	20.95	150	101
d Ilford (Hainault Recreation Ground)	Engineer & Surveyor ..	5	1	0	105	...	22.36	...	...
D Ilford (Hainault)	N. Twydell, Esq.	5	1	0	121	...	20.62	152	97
D SOUTHEND (The Cliffs)	Pier Master	8	1	0	90	20.8	22.91	139	96
D Southend (Waterworks)	Southend Waterworks Co.	8	1	0	123	21.1	22.15	144	95
D Vange (Pumping Station)	Southend Waterworks Co.	8	1	0	43	...	20.11	142	81
d Manor Park (City of London Cem.)	Superintendent	5	0	6	50	22.4	20.56	...	...
D Horndon (Eastern Sewage Works)	Hornchurch U.D.C.	5	1	3	23	20.5	21.74	127	91
D Hornchurch	Hornchurch U.D.C.	8	1	0	44	21.0	18.18	127	90
D Wanstead (Red Bridge)	Metropolitan Water Board	5	1	0	25	22.8	19.23	136	90
D Romford (Raphael Park)	Engineer & Surveyor ..	5	1	0	109	22.4	19.30	135	91
d Harold Wood (Recreation Ground)	Hornchurch U.D.C.	5	1	0	93	...	22.03	...	93
d Havering-atte-Bower (Fernside)	E. W. Smith, Esq.	5	1	0	360	25.8	21.99	...	...
d Brentwood (Secondary Boys' School)	Geography Master	5	1	0	396	...	20.18	...	...
d Loughton (The Summit)	Mrs. Stoker	5	0	9	314	24.3	20.54	...	...
d Theydon Bois (Thriffs Hill)	I. Lloyd-Jones, Esq. ..	5	1	0	245	23.6	19.87	130	94
d Theydon Bois (Birch Hall)	Lt.-Col. E. N. Buxton ..	5	1	0	300	...	19.23	...	...
d Ongar (Wilderness House)	Wing Cdr. D. A. J. Buxton	5	1	0	175	...	21.04	...	...
D North Weald (Canes)	Mrs. Hart	5	1	0	250	24.2	19.71	139	93
d Great Canfield	G. Eland, Esq.	5	1	0	270	...	23.40	126	92
3.—CROUCH. 186 sq. mi.									
D Southend (Southchurch Boulevard)	H. J. G. Ralph, Esq. ..	8	1	0	66	21.0	23.01	148	93
D SHOE BURYNESS	Meteorological Office ..	5	1	0	11	...	21.85	131	89
d Southchurch (Barling Road)	C. E. Smith, Esq.	5	1	6	25	...	22.88	...	...
d Leigh (Brick House)	Miss I. Bentall	5	0	10	136	...	20.92	...	90
D Thundersley Reservoir	Southend Waterworks Co.	5	1	0	277	21.3	21.51	134	98
D Potton Island	A. H. Philpot & Sons, Ltd.	5	1	0	4	...	23.50	123	97
d Billericay (Service Tank)	Southend Waterworks Co.	5	1	0	310	23.6	24.25	...	...
D Burnham (Fisheries Laboratory)	Min. of Agric. & Fisheries	8	1	0	0	...	20.82	...	...
d Burnham (Wycke Farm)	J. W. Cottis, Esq.	5	1	0	0	...	22.69	...	...
d Southminster (The New Moor)	Miss M. A. Attenborough..	5	1	6	72	...	20.92	...	91
4.—BLACKWATER. 425 sq. mi.									
D Hanningfield Reservoir	S. Essex Waterworks Co. ..	5	1	0	160	...	23.22	135	96
d Margaretting (Writtle Park)	A. H. Philpot & Sons, Ltd.	5	1	0	308	...	21.59	...	...

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			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—(contd.)			in.	ft.	in.	ft.	in.	in.		
4.—BLACKWATER—(contd.)										
D	Chelmsford (Galleywood)	W. Lawrence Taylor, Esq.	8	1	0	200	...	23·69	151	100
D	Chelmsford (Longstomps Reservoir)	Water Engineer	5	1	0	230	...	21·47	151	93
D	Bradwell-on-Sea (Bellropes)	H. D. Chillingworth, Esq.	5	1	6	75	20·5	22·54	131	92
D	WRITTLE	Essex Inst. of Agriculture	5	1	0	105	...	21·41	153	89
D	§Maldon	Town Clerk	5	1	0	14	20·0	19·76	140	91
D	Chelmsford (Sandford Mill W.W.) (+A)	Essex River Board	8	0	10	68	...	21·69	125	93
D	Chelmsford (Melbourne Avenue)	E. S. Kelley, Esq.	5	1	0	125	...	21·13	135	93
D	Hatfield Peverel (Rushes Lock)	Southend Waterworks Co.	8	1	3	40	...	21·51	150	95
D	Langford (Treatment Plant)	Southend Waterworks Co.	8	1	2	40	21·8	20·27	126	89
D	Hatfield Peverel (Butlers)	Mrs. J. Shaw	5	1	0	120	...	20·24	125	87
D	Witham (Wickham Hall)	Bevington Smith, Esq., C.B.E.	5	1	0	60	20·8	21·77	138	107
D	Hatfield Peverel (Lower Farm)	H. J. Russel, Esq.	5	1	0	101	...	20·52	145	89
D	Hatfield Peverel (Whitelands)	W. D. Goldsmith, Esq.	5	1	0	130	...	20·34	133	97
D	Great Totham	C. Weston Eve, Esq.	5	1	0	190	...	22·20	140	95
d	Little Waltham (Merefields)	J. H. Rosling, Esq.	5	1	0	140	...	21·76	...	...
d	Witham (Faulkbourne Hall)	Mrs. C. W. Parker	5	1	0	100	21·9	20·26	...	...
D	Little Leighs (Kelle)	W. C. Neild, Esq.	5	1	2	192	22·3	21·91	140	102
d	Kelvedon (Harboro Hall)	A. Bevington Smith, Esq.	5	1	0	175	...	21·50	...	...
	Rivenhall (Park Gate Farm)	Joseph Smith (Farms) Ltd.	5	1	0	149	...	19·99	...	...
D	Felsted School	F. M. Lee, Esq.	5	1	0	248	22·9	23·17	132	94
d	Felsted (Sugar Factory)	British Sugar Corp. Ltd.	5	1	0	225	...	21·91	...	95
d	Little Dunmow (Throws)	Hasler & Co. Ltd.	5	1	0	250	...	20·31	...	...
D	Rayne (Staneway)	Mrs. Burt	5	1	0	247	23·0	24·13	134	112
D	Braintree (Coggeshall Road)	A. F. Gunn, Esq.	5	1	0	222	...	25·04	153	98
D	Bocking Church Street	W. Andrews, Esq.	5	1	0	207	...	21·44	138	93
D	Shalford (Littles)	W. B. Hart, Esq.	5	1	5	262	22·8	20·97	147	93
d	Great Bardfield (Great Lodge)	Joseph Smith (Farms) Ltd.	5	1	0	250	...	19·34	...	...
D	Great Bardfield (South Lodge)	G. H. Brunwin, Esq.	5	1	0	250	23·2	19·92	134	92
D	SAFFRON WALDEN (Friend's School)	Headmaster	5	1	0	298	...	20·23	151	92
d	Saffron Walden (Sewards End)	J. S. D. Coleridge, Esq.	5	1	0	395	...	20·20	...	...
5.—COLNE & C. 283 sq. mi.										
D	§CLACTON-on-Sea (Hospital Site)	Town Clerk	5	1	0	68	20·5	20·38	129	87
D	Clacton-on-Sea (King's Road)	W. Tomlin, Esq.	5	1	0	45	...	20·04	128	87
D	Great Clacton (Clay Hall)	Miss E. A. Smith	5	1	0	45	20·4	21·02	139	90
D	Tiptree (Waterworks)	S. Essex Waterworks Co.	5	1	0	239	...	19·68	143	93
D	Little Holland (The Sluice House)	Essex River Board	5	0	7	14	...	20·18	142	92
D	Colchester (Laver de la Haye)	S. Essex Waterworks Co.	5	1	0	145	...	18·72	123	88
D	§WALTON-ON-NAZE	Engineer & Surveyor	5	1	0	35	20·2	18·38	140	96
D	Colchester (Hythe Gasworks)	Eastern Gas Board	8	1	0	6	22·0	19·33	127	82
D	Colchester (Castle Park)	J. S. Orchard, Esq., C.E.	8	1	2	87	...	21·30	128	89
D	Colchester (Waterworks)	J. S. Orchard, Esq., C.E.	8	1	0	38	...	20·44	131	89
	Earls Colne (Coggeshall Road)	C. T. Richardson, Esq.	5	1	0	220	...	20·23	...	...
D	EARLS COLNE (Grammar School)	Headmaster	5	1	0	160	23·5	20·81	132	97
D	Ardleigh (Hull Farm)	John Fryer, Esq.	5	1	0	120	...	20·39	126	90
d	Ardleigh (Chancery Farm)	Mrs. Lloyd	5	1	6	120	...	19·14	...	90
D	Halstead (Attwoods)	Miss A. E. Vaizey	5	1	6	200	23·6	20·43	135	87
D	HALSTEAD (The Brewery)	F. N. Adams, Esq.	5	1	0	140	23·0	21·17	137	91
D	Great Yeldham Hall	G. A. Goodchild, Esq.	5	1	6	80	23·1	20·97	149	101
6.—STOUR. 110 sq. mi.										
D	DOVERCOURT	Borough Surveyor (Harwich)	5	1	0	47	21·1	19·34	135	94
d	Mistley (The Maltings)	Brooks (Mistley), Ltd.	5	1	0	30	22·2	20·71	...	...
D	Dedham	Essex River Board	5	1	0	115	...	21·68	138	102

§ Turf wall round gauge.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			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—(contd.)			in.	ft.	in.	ft.	in.	in.		
6.—STOUR—(contd.)										
D	Nayland (Boxted Lodge)	Essex River Board	5	1	2	160	...	21.60	127	89
d	Nayland (Boxted)	Carter & Blewitt, Ltd.	5	1	0	154	...	20.96	...	...
D	Manningtree (Lawford Place)	B. X. Plastics, Ltd.	5	1	0	113	...	21.01	134	103
d	Bures (Colchester Road)	S.C.M. Malenoir-Vickers, Esq.	5	1	0	80	...	21.06	...	...
D	Langham (Waterworks)	S. Essex Waterworks Co.	5	1	0	44	...	18.21	133	81
d	Sudbury (Belchamp Hall)	Essex River Board	5	1	0	160	...	20.05	...	90
7.—OUSE. 80 sq. mi.										
D	Quendon (Rickling)	Messrs. Tinney & Hitchcock	5	1	0	325	24.1	21.13	134	98
D	Saffron Walden (Debden Road)	A. Marsh, Esq.	5	1	0	300	23.5	20.77	150	94
D	Saffron Walden (Technical School)	W. Heyes, Esq., B.Sc.	5	1	0	235	23.2	19.93	132	94
SUFFOLK. (Area, 1,489 sq mi.)										
1.—STOUR. 271 sq. mi.										
D	EAST BERGHOLT (Flatford Mill)	Field Centre Warden	5	1	0	14	...	20.23	138	86
D	East Bergholt (Ackworth House)	Capt. C. J. Church	8	1	0	145	...	20.51	134	93
D	Little Cornard (Moss Cottage)	Essex River Board	5	1	0	145	...	20.88	127	97
D	Sudbury (Edwardstone)	Essex River Board	5	1	0	185	...	22.25	138	96
D	Sudbury (Waterworks)	Engineer & Surveyor	5	1	0	130	...	22.55	155	100
d	Layham (Holbecks)	Essex River Board	5	1	0	45	...	22.39	...	100
D	Hadleigh (Linden Lea)†	E. A. Lee, Esq.	5	1	0	185	24.4	21.49	144	89
D	Haverhill (Waterworks)	Surveyor, Haverhill, U.D.C.	8	0	9	280	24.1	21.46	135	103
D	Long Melford (Westgate House)	K. F. Colville, Esq.	5	1	0	141	23.5	20.75	144	95
d	Long Melford (Stafford Works)	Essex River Board	5	3	0	103	...	19.36	...	...
d	Clare (Little Wratting)	Essex River Board	5	0	9	296	23.1	19.50	...	98
D	Boxted Hall	Essex River Board	5	1	0	160	23.9	21.76	135	101
2.—ORWELL. 166 sq. mi.										
d	Cockfield	Essex River Board	5	1	0	270	...	21.35	...	99
D	IPSWICH (BELSTEAD Hall)	(+A) Richard Wilson, Esq.	8	1	0	123	...	22.43	155	90
d	Ipswich (Upton Lodge)	E.S'folk and N'folk R. Bd.	5	1	0	70	...	23.91	...	...
D	Elmsett (Laurel Cottage)	Miss C. E. Ladbrook	5	3	6	230	...	18.99	133	84
D	Coddenham (Shrubland Park)	Late A. A. Geater, Esq.	5	1	3	168	...	24.39	132	100
D	Coddenham (Cousins Hill)	Miss Tidswell	5	1	0	160	23.9	24.04	153	114
d	Old Newton	A. E. Stearn, Esq.	5	0	9	204	...	21.88	...	96
3.—DEBEN & C. 466 sq. mi.										
D	FELIXSTOWE	(+A) Meteorological Office	5	1	0	10	20.3	18.56	138	87
D	Ipswich (Daleacre)	C. Harrison-Jones, Esq.	5	1	2	140	...	23.46	157	92
D	Martlesham (Beacon Hill)	The Earl of Albermarle	5	1	0	100	...	22.81	138	102
d	Woodbridge (Little Bealings)	Capt. Guy Lempriere	5	0	9	50	22.6	20.02	...	100
D	Woodbridge (Warren Hill Road)	Mrs. J. B. Martin	5	1	0	100	...	21.80	126	93
D	Orford (Butley Abbey Farm)	Sir Peter Greenwell, Bart.	5	1	0	45	...	22.32	130	92
D	Melton (Greylands)	A. H. P. Hope, Esq.	5	1	6	40	...	21.68	146	91
d	Melton (St. Audry's Hospital)	Senior Admin. Officer	5	1	0	90	...	21.25	128	87
D	Grundisburgh (Bridge House)	Mrs. Armstrong	5	1	1	50	...	23.90	122	89
D	Orford (Sudbourne Park)	Sir Peter Greenwell, Bart.	5	3	9	50	...	26.42	140	108
D	Aldeburgh (Haven Sluice)	E. S'folk and N'folk R. Bd.	5	1	0	5	...	22.28	127	83
	Charsfield (Red House)	Hugh P. Youngman, Esq.	5	1	9	150	...	23.04	...	...
D	Campsea Ashe	Major R. S. Schreiber	5	1	0	95	...	23.34	140	104
d	Kettleburgh (Home Farm)	Norman Pulham, Esq.	5	1	0	110	...	25.51	...	...

† Station moved from Hadleigh (Penlands) 1.7.55.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SUFFOLK—(contd.)									
3.—DEBEN & C—(contd.)									
D Blaxhall .. .. .	.. R. H. Sherwood, Esq. ..	5	1	0	50	...	23·81	142	101
D §Aldeburgh (Iken Way) ..	.. G.E.Sunderland-Taylor, Esq.	5	1	0	10	...	22·94	151	101
d Framlingham (Sewage Works)	.. P. W. Cook, Esq. ...	5	1	0	90	...	25·59	...	...
D Leiston (Upper Abbey) ..	.. Miss M. K. Rope ..	5	1	0	40	...	21·92	146	105
D Wrentham (Covehithe) ..	.. D. Connell, Esq. ..	5	1	0	25	...	19·10	131	91
d Benacre (Pumping Station) ..	.. E. S'folk and N'folk R. Bd.	5	1	0	10	...	17·71	...	...
4.—YARE & C. 208 sq. mi.									
D LOWESTOFT (Secondary School)	.. Town Clerk ..	5	1	0	82	23·5	18·41	145	91
d Lowestoft (St. Margaret's Road)	.. Lowestoft Water Co. ..	8	1	0	72	...	17·70	...	...
D Corton Vicarage .. ..	.. Rev. C. A. B. Allen ..	5	1	0	51	...	18·80	149	94
D Herringfleet House .. ..	.. G. H. Wyllys, Esq. ..	5	1	0	55	...	20·85	164	107
D Lound (Pumping Station) ..	.. Lowestoft Water Co. ...	8	1	0	33	...	18·50	150	102
d Hopton (Hopton House) ..	.. Col. F. E. Walter, D.S.O. ..	5	1	2	100	...	19·20	...	101
d Fritton Warren .. ..	.. P. T. Wiltshire, Esq. ..	5	1	0	42	...	18·28	...	...
D Fritton Hall .. ..	.. Mr. F. Read ..	8	0	11	30	...	21·68	152	108
5.—OUSE. 378 sq. mi.									
D Bury St. Edmunds (Turret Close) ..	.. Rev. P. R. Frost ..	5	0	9	130	...	21·67	132	90
D Bury St. Edmunds (Corp. Depot)(+A)	.. Borough Engineer ..	5	3	9	181	...	21·94	134	99
d Newmarket (Sewage Outfall) ..	.. F. B. Waterfall, Esq. ..	5	1	0	81	...	17·09	...	96
d Moulton (Pumping Station) ..	.. Mildenhall R.D.C. ..	5	1	0	135	24·2	18·97	...	96
d Bury St. Edmunds (Westley Hall) ..	.. Head Gardener ..	5	1	0	226	25·1	21·66	...	93
d Bury St. Edmunds (Beet Sugar Factory)	.. British Sugar Corpn. Ltd. ..	5	0	6	160	...	20·37	129	93
d Pakenham (Church Hill) ..	.. E. Bryant, Esq. ..	5	0	9	155	...	18·39	135	89
d Bury St. Edmunds (Barton Lodge) ..	.. Mrs. S. Cox ..	5	1	0	200	23·2	21·35	...	93
d Hengrave Hall .. ..	.. Rev. Mother Superior ..	5	1	6	85	...	17·92	...	...
D Mildenhall (Worlington) ..	.. Lord Sandhurst ..	5	1	2	30	...	18·29	142	91
d Mildenhall (Eriswell Pumping Stn.) ..	.. Mildenhall R.D.C. ..	5	1	0	30	...	19·56	129	93
D MILDENHALL Airfield (+A)	.. Meteorological Office ..	8	1	0	15	21·4	17·51	129	92
D Isleham Lock .. ..	.. Great Ouse Catchment Bd.	5	5	2	10	...	16·78	128	98
D Elveden Hall .. ..	.. The Earl of Iveagh, C.B. ..	5	1	0	130	...	19·88	145	103
D Brandon (Waterworks) .. ..	.. Mildenhall R.D.C. ..	5	1	3	82	...	22·17	152	102
NORFOLK. (Area, 2,041 sq. mi.)									
1.—YARE. 658 sq. mi.									
D Diss (Roydon Hall) .. ..	.. R. S. Copeman, Esq ..	5	1	0	140	...	22·06	139	107
D Diss (Bressingham Hall) ..	.. A. H. V. Bloom, Esq. ..	5	1	0	100	...	21·10	151	102
D Harleston (Starston) .. ..	.. A. L. Taylor, Esq. ..	5	0	10	120	...	21·47	151	99
D Ditchingham .. ..	.. I. G. Rutter, Esq. ..	5	1	0	25	23·9	19·42	124	95
d Beccles (Raveningham Hall) ..	.. Lt.-Col. Sir Edmund Bacon Bt.	5	1	6	60	24·6	18·91	...	...
D Wymondham (Browick Hall) ..	.. P. W. J. Fryer, Esq. ..	5	1	8	140	...	22·15	142	111
D Hingham (Southburgh) ..	.. R. W. Keatley, Esq. ..	5	1	4	190	...	20·70	156	107
D GORLESTON (Coastguard Station)	.. Station Officer, for M.O. ..	5	1	0	5	24·5	18·17	141	88
D Norwich (Cringelford) .. ..	.. C. R. Edmondson, Esq. ..	5	1	0	75	...	21·47	149	91
D Norwich (City Cemetery) ..	.. L. Alan Jewell, Esq. ..	5	1	2	93	25·5	21·41	143	103
D Norwich (Marlingford Hall) ..	.. Mrs. A. Evans-Lombe ..	5	1	1	83	26·9	19·81	128	104
d Great Fransham .. ..	.. Sir Stephen Renshaw, Bart.	5	1	0	230	28·2	22·89	...	...
d East Dereham (The Laboratory)	.. Leonard A. Pett, Esq. ..	5	1	1	200	25·7	21·99	...	...

§ Turf wall round gauge.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
NORFOLK—(contd.)									
1.—YARE—(contd.)									
D Taverham (Deighton Hills)	T. B. Norgate, Esq.	5	1	0	100	...	20.69	141	91
d Sparham Hall	Major D. J. W. Sayer	5	1	0	100	...	20.02	128	96
D Great Massingham	A. E. Jones, Esq.	5	1	0	250	...	20.55	164	103
D WEST RAYNHAM Airfield	(+A) Meteorological Office	5	1	0	250	...	24.06	155	104
d Cawston (Rectory)	Rev. E. F. W. Ames	5	0	8	152	26.6	20.69	150	95
D Colkirk Hall	J. T. Joice, Esq.	5	1	0	210	...	22.55	152	97
D Fakenham (Sapelli)	E. W. Cooper, Esq.	5	1	0	150	...	22.29	151	110
2.—YARE. Bure & c. 368 sq. mi.									
d BURLINGHAM (Horticultural Stn.)	Norfolk Education Com'tee	5	1	0	89	...	19.38	145	93
D SPROWSTON	Director, Norfolk Ag. Stn.	5	1	0	93	25.7	21.66	159	105
D Horsham St. Faith Airfield	(+A) Meteorological Office	5	1	0	99	...	20.81	151	90
D Yarmouth (Ormesby St. Michael)	Great Yarmouth W.W. Co.	8	1	0	22	26.2	22.03	151	103
D Horning (Pumping Station)	Great Yarmouth W.W. Co.	8	1	0	9	...	19.13	141	95
d Wroxham (Barton Hall)	Lady Delia Peel	5	0	8	25	...	19.82	...	...
Hickling (Old Rectory)	Cmdr. P. Barlow, R.N.*	5	1	0	10	...	19.00	...	...
D Aylsham (Woodgate House)	Lt.-Col. P. W. Purdy	5	1	0	100	...	21.08	146	97
Worstead (Lyngate Cottage)	G. Cross, Esq.	8	1	6	50	26.5	22.87	139	98
D Aylsham (The Mount)	Dr. C. L. Maingay	5	1	0	90	...	21.15	155	94
D Aylsham (Wilderness)	Mrs. J. Peed.	5	1	0	100	...	22.66	161	107
d Aylsham (Mill House)	R. L. Rust, Esq.	5	1	0	50	...	21.56	148	98
d Hindolveston (Hope House)	Mrs. R. O. Pickering	5	1	0	190	...	25.26	...	...
D Erpingham (Wolterton Park)	Lord Walpole	5	1	0	115	...	23.23	133	104
D Holt (Brinton Grange)	Sir Charles Bristow, C.I.E.	5	0	7	140	...	22.14	164	101
3.—STIFFKEYS & C. 290 sq. mi.									
D Sandringham House Gardens	Mr. H. Parsons	5	1	6	121	26.4	21.03	151	107
D Fulmodestone School	E. H. Clements, Esq.	5	1	0	214	...	21.90	149	107
D Cromer (Northrepps Hall)	Lt.-Col. C. R. Gurney	5	1	0	200	26.7	22.17	166	103
D Cromer (Holt Road)	Dr. Maurice Mottram	5	1	0	175	...	21.12	142	106
D CROMER (Howards Hill)	Clerk to the U.D.C.	8	1	0	178	23.8	20.14	144	101
Cockthorpe (The Old House)	Rev. E. C. S. Upcher	5	1	5	120	...	19.38	...	102
d Burnham Market (School House)	A. E. Evans, Esq.	5	1	0	50	...	19.87	138	99
D Sheringham (Pine Grove)	T. E. Ormond, Esq.	5	1	0	70	...	22.59	167	115
D Sheringham (St. Nicholas Place)	J. W. Montgomery, Esq.	5	1	2	50	...	20.68	173	109
D Wells (Outfall Sewage Works)	Surveyor	5	1	0	8	...	19.07	167	104
D Wiveton (Glaven Corner)	Canon B. E. Foyster	5	0	7	25	...	22.51	174	109
D Holme-next-Sea (Holme House)	Mr. D. E. Plume	5	1	0	10	...	20.29	160	104
4.—OUSE & C. 709 sq. mi.									
D Thetford (Kilverstone Hall)	Baron Fisher of Kilverstone	8	1	0	70	21.7	27.37	153	114
d Thetford (Waterworks)	Borough Surveyor	8	1	0	165	23.8	19.17	...	96
D Denton Lodge (Pumping Station)	Wisbech & District Water Bd.	5	1	1	120	...	19.98	164	110
D THETFORD (Lynford Hall)	Forestry Commission	5	1	0	50	24.5	19.99	146	100
d Denver Sluice	Great Ouse River Board	5	1	7	10	...	16.93	116	89
d Denver (Crow Hall)	R. R. Bennett, Esq.	5	1	4	100	...	17.74	...	...
D Downham (Dial House)	Messrs. T. H. Wenn & Co.	5	1	6	50	...	20.16	142	101
D Outwell (Well Creek Sluice)	L. F. Fillenham, Esq., C.E.	5	1	0	16	22.0	16.64	113	92
d Stow Bridge (Crabb's Abbey)	R. D. Carter, Esq.	5	3	0	8	...	17.59	...	...
d Hilborough Hall Gardens	A. McIntyre, Esq.	5	2	0	80	...	20.24	...	...
D Swaffham (Saham Toney)	F. J. Faulkner, Esq.	5	1	0	127	...	20.37	160	104

* Per Norfolk Rainfall Organization.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
NORFOLK—(contd.)									
4.—OUSE & C.—(contd.)									
D Swaffham (Cemetery)	Swaffham, U.D.C.	5	7	0	210	...	22·36	138	110
D Shouldham Vicarage	Rev. W. F. Hicks	5	1	6	75	...	20·35	137	96
D MARHAM Airfield	(+A) Meteorological Office	5	1	0	76	...	18·23	141	92
D Marham (Pumping Station)	J. K. Dawson, Esq.	8	1	0	20	...	19·45	134	96
D Narborough Hall	F. H. Ash, Esq.	5	1	0	45	...	19·47	142	105
d Narborough (Narford Hall)	G. F. Attwood, Esq.	5	1	0	50	26·2	19·93	...	...
d Wiggshall (St. Germans Sluice)	L. F. Fillenham, Esq., C.E.	5	1	0	9	23·1	17·53	137	93
D King's Lynn (North Runcton Lodge)	Capt. W. N. Gurney	5	1	0	50	...	18·50	144	103
D TERRINGTON ST. CLEMENT (E. H. FARM)	Director	5	1	0	13	...	16·93	153	93
D Terrington St. Clement (Manor Farm)	C. W. Cave, Ltd.	5	1	0	13	...	17·61	137	91
D Gayton (Pumping Station)	H. G. Ridler, Esq.	5	1	0	131	...	17·81	123	95
D Clenchwarton (The Beeches)	Samuel Brown, Esq.	5	1	3	10	...	18·84	129	105
D King's Lynn (Manure Works)	W. J. R. Baxter, Esq.	5	1	2	0	...	17·26	150	86
D King's Lynn (Freebridge)	Great Ouse River Board	5	2	0	15	...	18·11	132	103
D King's Lynn (Technical College)	Principal	5	1	0	14	...	20·04	142	102

DIVISION V—SOUTH-WESTERN COUNTIES

WILTSHIRE. (Area, 1,370 sq. mi.)

1.—LOWER AVON. 383 sq. mi.

D Upton Scudamore (Pumping Station)	Engineer & Manager	5	1	0	305	31·6	27·67	141	110
D Westbury (Penleigh House)	Lt.-Col. G. M. Atkinson	5	1	0	220	30·9	27·09	146	108
D Westbury (Wellhead)	Waterworks Engineer	5	1	0	321	...	27·07	146	110
D Westbury (Braemar)	Mrs. F. D. Richards	5	1	0	250	30·4	27·50	149	105
D WEST LAVINGTON (Dauntsey's School)	Headmaster	5	0	11	305	28·8	25·37	151	110
D Little Cheverell House	Dr. T. W. Newton Dunn	5	1	0	300	28·6	25·90	140	116
D Market Lavington (Chestnut Cottage)	John Saxton, Esq.	5	1	0	304	29·0	27·33	155	113
D Trowbridge (Town Hall)	Engineer	5	1	2	131	...	23·29	142	104
D Bradford-on-Avon (Iford Manor)	Miss Serena Peto	5	1	1	101	31·3	26·13	142	98
D Bradford-on-Avon (Frome Road)	G. T. Meaden, Esq.	5	1	0	108	...	26·39	150	111
D Holt (The Elms)	A. V. H. Beaven, Esq.	5	1	0	144	30·3	24·11	137	107
Devizes (Whyte Ridge)	R. Crowder, Esq.	5	1	0	438	...	24·91	...	...
d Great Chalfield	Late Major R. F. Fuller	5	1	2	165	28·6	24·54	...	104
d Melksham (Forest Road)	Bristol Avon River Board	5	1	0	123	...	22·41	...	...
d Bowood House	Estate Agent	5	1	4	306	...	23·32	...	...
D LACOCK (LACKHAM House)	School of Agriculture	5	1	0	160	...	22·66	131	98
d Corsham (The Grove)	G. S. Beaty, Esq.	5	1	0	300	...	23·87	140	102
D Chippenham (Waterworks)	Borough Surveyor	5	1	2	144	...	23·56	139	102
D Compton Bassett (Manor Farm)	Mrs. N. Fielding Johnson	5	1	0	330	...	22·80	141	99
Chippenham (Kington Langley)	C. W. Garnett, Esq.	8	1	0	225	30·3	24·25	...	...
D LYNEHAM Airfield	(+A) Meteorological Office	5	0	11	455	...	20·63	146	91
D Chippenham (Littleton Drew)	J. D. Marriott, Esq.	5	1	0	418	...	24·52	132	97
D Tockenham Manor	Major G. J. Buxton	5	1	0	400	28·2	22·14	137	108
d Malmesbury (Norton Manor)	Major N. S. Wilson	8	1	0	326	...	26·48	...	...
D Malmesbury (Elm Leaze)	Miss E. Milnes-Walker	5	1	0	260	...	24·78	124	98

2.—STOUR. 33 sq. mi.

d Mere (Charnage)	W. G. B. White, Esq.	5	1	6	426	33·8	29·02	...	114
D Stourhead	H. P. R. Hoare, Esq.	5	1	2	583	38·1	33·38	161	124

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
WILTSHIRE—(contd.)									
3.—EAST AVON. 554 sq. mi.									
D Shaftesbury (Middle Combe Farm) ..	M. K. Vickers, Esq. ..	5	1	0	610	...	28.28	153	109
D Broad Chalke	Dr. H. N. Burroughes ..	5	4	1	362	...	27.98	144	116
D Salisbury (Folkestone Road) ..	M. A. Chaplin, Esq. ..	5	1	0	200	...	25.85	144	101
D Tisbury (Gastons Close)	Sqn. Ldr. H. Thrower ..	5	1	0	390	...	28.10	128	104
D Fonthill House Gardens	Major J. G. Morrison, M.P.	5	1	0	400	37.8	35.26	161	126
D Salisbury (Sewage Works) .. (+A)	City Engineer	8	1	0	147	29.7	24.73	136	100
D Salisbury (Manor Road)	Miss L. C. D. Awdry ..	5	1	0	250	29.2	27.70	169	106
D Salisbury (Atherton House) ..	W. Fletcher, Esq. ..	5	1	0	250	30.4	24.53	138	96
D Wilton (Stone Lodge)	Major B. W. Parker ..	5	1	6	175	...	30.29	148	109
D Salisbury (Dinton)	Mrs. Bovill	5	1	2	300	...	27.93	140	106
D PORTON (C.D.E.E.) (+A)	Meteorological Office ..	5	0	11	363	27.2	25.70	154	100
D Steeple Langford (Woodstock) ..	Miss A. J. Powell ..	5	1	0	257	...	32.05	146	115
d Wylde (Fisherton de la Mere) ..	Lt.-Col. F. N. Jeans ..	5	0	10	350	...	27.40	...	...
d Hindon (Lower Pertwood)	Col. J. Houghton Brown, D.S.O.	5	1	0	689	...	31.41	...	...
d Maiden Bradley House	The Duke of Somerset ..	5	1	0	620	38.4	29.84	...	111
D BOSCOMBE DOWN Airfield .. (+A)	Meteorological Office ..	8	1	0	417	25.8	23.52	153	100
d Warminster (Crockerton Pumping Stn.)	Warminster U.D.C. ..	5	0	9	460	...	30.79	...	...
d Warminster (Henford)	Cmdr. V. J. Robinson, R.N.	5	1	8	400	33.8	29.29	139	114
D LARKHILL (School of Artillery) (+A)	Meteorological Office ..	5	1	0	430	25.5	24.83	146	100
D Shrewton (Maddington)	Miss V. L. Windsor ..	5	0	9	285	...	25.50	143	104
d Everleigh Rectory	Rev. J. S. Macnutt ..	5	1	3	590	...	26.11	141	111
d UPAVON Airfield	Meteorological Office ..	5	1	0	450	...	25.00	155	107
D Woodborough (The Manor House) ..	Brigadier N. C. Lang, M.C.	5	1	0	400	...	26.16	154	114
D Pewsey (Oare)	Miss F. M. Peall ..	5	1	6	500	29.2	24.07	164	106
D Bishops Cannings	R. J. Combes, Esq. ...	5	1	0	446	30.3	23.95	137	107
4.—TEST. 77 sq. mi.									
d Whiteparish (Sarum Quarry)	Agric. Contractors, Ltd. ..	5	1	0	345	...	28.11	...	...
D Ludgershall (Conholt Park)	Miss H. M. Gaskell ..	8	1	0	760	33.9	29.57	147	120
5.—THAMES. Kennet. 169 sq. mi.									
D Bishops Cannings (Shepherds Shore)	Devizes Gas & Water Dept.	8	2	0	564	...	24.63	162	112
D MARLBOROUGH College	Headmaster	5	1	1	424	31.1	24.59	148	108
D Aldbourne (Manor House)	W. Brown, Esq.	5	1	0	435	31.1	25.48	166	115
6.—THAMES. Colne and c. 154 sq. mi.									
D Wroughton (Swindon Waterworks) ..	J. Ackroyd, Esq., B.Sc., C.E.	5	1	3	448	28.5	23.03	142	109
D Wroughton (Priors Hill)	K. Browning, Esq. ..	5	1	0	510	...	24.72	148	113
D Chiseldon (Hodson House)	A. Deadman, Esq. ..	5	0	9	560	29.0	22.77	155	110
D Swindon (Town Gardens)	J. Ackroyd, Esq., B.Sc., C.E.	5	1	1	476	27.5	20.52	146	102
DORSET. (Area, 938 sq. mi.)									
1.—PARRETT. 61 sq. mi.									
D Evershot (Melbury House)	Mr. W. G. Lee	5	2	0	460	38.7	42.88	164	127
D Crewkerne (Chedington)	F. A. Highmore, Esq. ..	5	1	0	605	...	41.29	150	116
D Ryme Intrinseca (The Court House) ..	Mrs. B. Thorp	5	1	0	232	...	32.75	135	107
D Sherborne (Sewage Disposal Works)	C. E. Bean, Esq.	8	1	0	164	...	29.61	131	104
d Sherborne (Leafeld Cottage)	A. S. Arnold, Esq. ..	5	1	2	212	...	32.14	...	113
D Sherborne (Barton Gardens)	C. E. Bean, Esq. ..	8	1	0	285	...	28.67	144	102
D Sherborne (Waterworks)	C. E. Bean, Esq. ..	5	1	0	200	...	29.90	135	110
2.—AXE. 25 sq. mi.									
D Forde Abbey	G. D. Roper, Esq. ..	5	0	10	200	37.7	40.67	136	104

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
DORSET—(contd.)									
3.—FROME & C. 501 sq. mi.									
D PORTLAND BILL Lighthouse .. (+A)	Lightkeeper, for M.O. ..	8	1	0	32	25.2	32.70	141	98
d Portland (Secondary Mod. School) ..	Headmaster	5	0	9	300	...	32.16	...	...
D WEYMOUTH (Westham)	Town Clerk	5	1	0	16	28.0	34.51	134	99
D Swanage (Panorama)	E. Horncastle, Esq. ..	5	1	0	120	...	26.01	134	100
D SWANAGE	Clerk to the U.D.C. ..	5	1	0	14	...	28.94	137	104
D Chickerell (Lower Putton)	A. H. White, Esq. ..	5	1	0	45	...	32.71	138	105
D Creech Grange	J. W. G. Bond, Esq., C.B. ..	5	1	0	228	37.1	36.28	168	116
D Abbotsbury (West Street)	J. C. P. White, Esq. ..	5	1	6	147	29.2	38.10	134	111
D Upwey (Friar Waddon)	Engineer and Surveyor ..	5	1	0	215	...	42.25	149	122
D Upwey (Higher Well)	Engineer and Surveyor ..	8	1	0	289	...	40.33	151	120
d Upwey (Elwell)	R. J. Shepstone, Esq. ..	5	1	0	130	...	41.04	...	...
D Warmwell	Weymouth W.W. Co. ..	5	1	0	134	...	40.13	152	113
D Wareham (East Holme)	Miss L. S. Bond	5	1	0	23	33.9	33.51	144	114
D Wareham (Trigon)	Miss N. Sturdy	8	1	4	60	32.1	33.08	158	104
d Burton Bradstock (White House) ..	Major J. M. Wratishaw ..	5	1	0	40	...	32.63	...	104
D Dorchester (South Court Avenue) ..	E. A. Sparks, Esq. ..	5	1	0	220	...	43.50	154	121
D Dorchester (Queen's Avenue)	Miss M. H. G. Bond ..	5	1	2	240	...	41.46	146	113
D Dorchester (Waterworks)	Borough Engineer ..	8	1	0	312	36.6	44.04	148	120
D Dorchester (Stinsford)	J. Wyndham Hull, Esq. ..	5	1	0	207	37.4	40.02	142	112
D Dorchester (Birkin House)	Mrs. Weber	5	1	0	230	37.4	40.32	149	113
D Dorchester (Little Cheam)	H. F. Middleton, Esq. ..	5	1	0	250	...	34.79	156	115
d POOLE (+A)	Borough Council	5	1	0	18	...	29.95	149	99
d Poole (Pitwines Gasworks)	Southern Gas Board ..	5	1	3	6	...	30.06	136	100
d Poole (Henry Harbin School)	T. Johnson, Esq., B.Sc. ..	5	1	0	20	...	28.87	...	...
D Parkstone (Balmoral Road)	Miss M. M. Hall	5	1	0	75	...	31.39	164	104
D Branksome (Bourne Valley)	Southern Gas Board ..	8	1	2	50	30.0	30.11	142	108
D Bournemouth (Alderney Reservoir) ..	Bournemouth Water Co. ..	8	0	9	228	...	30.96	137	104
D Lyme Regis (Penard)	Mrs. M. E. Peat	5	1	0	83	33.2	34.44	138	100
D Bridport (Island View)	Bridport Waterworks Co. ..	5	1	0	50	32.9	36.48	132	112
d Bridport (Morcomelake)	L. G. Dibdin, Esq. ..	5	1	0	525	...	36.91	151	108
d Bloxworth Heath (Research Nursery) ..	Forestry Commission ..	5	1	0	80	...	33.68	153	108
D Bere Regis (Doddings)	Bedford & Jesty, Ltd. ..	5	1	0	280	...	33.58	151	113
D Puddletown Vicarage	Rev. Canon A. L. Helps ..	5	4	0	200	35.8	37.12	147	123
D Lytchett Matravers (Kit Robins) ..	A. F. Waterman & Son, Ltd. ..	5	1	0	300	...	33.04	143	111
D Wynford House	Mrs. Aldridge	5	1	0	410	43.5	46.43	159	114
D Beaminstor (East Street)	W. A. Stiby, Esq. ..	5	1	0	183	37.6	39.63	145	117
D Minterne	Col. The Lord Digby, D.S.O. ..	5	1	0	800	...	38.03	158	123
4.—STOUR. 384 sq. mi.									
d Lytchett Matravers School	Headmaster	5	1	6	300	...	31.81	141	108
D Broadstone (Grange Road)	R. Nimmo, Esq.	5	1	0	160	...	30.86	161	106
d Corfe Mullen (The Plantation)	A. J. Russell, Esq. ..	8	1	0	300	...	37.88	157	111
D Wimborne (Corfe Mullen W.W.)	Waterworks Engineer ..	5	1	0	81	32.9	31.05	140	97
d Wimborne (Little Canford)	Avon & Dorset River Board ..	5	1	0	48	...	31.04	137	100
D Wimborne (Stapehill)	C. J. Marchant, Esq. ..	5	1	0	95	...	30.96	133	101
D Wimborne (Ferndown)	H. Galton, Esq.	5	1	4	75	...	31.90	150	98
D Wimborne (Walsford Bridge Pump Stn.) ..	Bournemouth Water Co. ..	8	0	9	70	...	31.92	137	105
d Colehill (Joldwynds)	Rev. Sir Paget Bowman, Bt. ..	5	0	9	400	...	32.42	...	...
D Blandford (East Street)	R. Biddulph, Esq.* ..	5	0	10	105	...	31.80	...	...
D Blandford (King's Road)	D. Blanchard, Esq. ..	5	1	0	195	...	30.63	155	110
D Blandford (Bryanston)	Miss A. M. Jaques ..	5	1	0	185	...	36.03	145	116
d Glanvilles Wootton (Manor House) ..	H. B. Debenham, Esq. ..	5	0	9	250	35.2	34.36	...	117
D Holwell (Little Westrow)	Miss H. A. Warry ..	5	1	0	252	34.4	34.32	164	117
D Sturminster Newton (Stock Gaylard) ..	Miss Blake	5	1	0	350	...	30.79	145	114
D Childe-Okeford Manor	J. H. L. Glasbrook, Esq. ..	5	1	0	250	...	32.99	142	108

* Per Somerset River Board.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		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
DORSET—(contd.)		in.	ft.	in.	ft.	in.	in.		
4.—STOUR—(contd.)									
d Ashmore (Old Rectory)	R. G. Jebb, Esq.	9	1	3	700	...	31.16	...	...
D Stalbridge (Grove Cottage)	F. B. Harris, Esq.	5	1	0	320	...	27.89	151	114
d Shaftesbury (St. Margaret's Marsh)	G. W. Payne, Esq.	5	2	2	184	...	24.04?	...	...
Woodyates (Cobley)	Mrs. A. S. Eastwood	5	1	0	500	...	33.39	...	...
d Stour Provost (Diamond Farm)	G. C. Trechmann, Esq.	5	1	0	260	...	25.11	...	...
D Fifehead Magdalen	Col. R. C. S. Hodgson*	5	0	6	300	...	24.65	156	112
D SHAFTESBURY (Modern School)	Headmaster, for M.O.	5	1	0	680	...	26.30	142	115
d Gillingham (Buckhorn Weston)	A. Cox, Esq.	5	1	0	220	...	27.04	...	...
D Gillingham (Malt House)	Col. The Lord Basing	5	1	6	275	...	28.11	148	118
5.—EAST AVON. 12 sq. mi.									
SOUTH DEVONSHIRE. (Area, 1,707 sq. mi.)									
1.—PARRETT. 7 sq. mi.									
2.—TAMAR & C. 395 sq. mi.									
D PLYMOUTH (MOUNT BATTEN) (+A)	Meteorological Office	5	1	0	87	37.0	35.39	152	119
D PLYMOUTH (THE HOE)	Medical Officer of Health	8	1	0	117	36.7	34.90	168	119
D Plymouth (Drake's Reservoir)	N. G. Elliot, Esq., C.E.	5	1	0	149	37.5	34.94	164	119
D Plymouth (Freedom Fields)	Medical Officer of Health	5	1	0	208	39.4	35.34	166	120
D Plymouth (Hartley Reservoir)	N. G. Elliot, Esq., C.E.	5	1	0	321	39.9	37.39	160	125
D Plympton (Little Woodford)	W. P. Cundy, Esq.	5	1	0	80	...	42.05	159	130
D Bickleigh (Roborough Reservoir)	N. G. Elliot, Esq., C.E.	5	1	0	548	46.2	43.26	194	142
D Lee Moor House	R. Martin, Esq.	8	1	0	900	62.4	52.90	171	151
d Roborough (Maristow Gardens)	W. H. Tottey, Esq.	5	1	0	50	...	45.73	...	...
D Sheepstor (Redstone)	N. G. Elliot, Esq., C.E.	5	1	0	760	59.0	54.27	186	156
D Sheepstor (Burrator)	N. G. Elliot, Esq., C.E.	5	1	0	755	59.1	54.25	186	159
D Sheepstor (Head Weir)	N. G. Elliot, Esq., C.E.	5	1	0	730	57.0	54.81	185	160
D Dousland Reservoir	N. G. Elliot, Esq., C.E.	5	1	0	714	51.8	51.53	173	146
M Dartmoor (Deancombe Farm)	N. G. Elliot, Esq., C.E.	5	1	0	807	...	59.48	...	...
D Dartmoor (Lowery)	N. G. Elliot, Esq., C.E.	5	1	0	899	...	54.26	187	159
M Dartmoor (Leather Tor Farm)	N. G. Elliot, Esq., C.E.	5	1	0	910	59.0	58.03	...	...
M Dartmoor (Siward's Cross)	N. G. Elliot, Esq., C.E.	5	1	0	1074	...	67.96	...	...
d Horrabridge (Dostabrook)	Mrs. M. F. Corbin	5	0	9	290	...	48.57	175	146
D TAVISTOCK	T. H. Harris, Esq.	5	1	0	457	47.6	44.91	175	142
M Dartmoor (Double Waters)	N. G. Elliot, Esq., C.E.	5	1	0	1165	64.2	55.70	...	...
D Dartmoor (North Hessary Tor)	N. G. Elliot, Esq., C.E.	5	1	0	1398	...	59.41	183	164
d North Brentor (Langstone)	T. M. Lashbrook, Esq.	5	1	0	800	...	41.12	...	137
D Coryton Manor	T. Newman, Esq.	5	1	2	450	43.5	42.22	160	139
D Werrington Park	E. Stoneman, Esq.	5	1	0	320	...	38.85	170	142
D Sourton (Prewley Treatment Works)	K. J. Young, Esq.	5	1	0	1057	...	53.48	182	162
D Ashwater Rectory	Rev. R. J. D. Newhouse	5	1	0	480	42.6	40.31	191	147
D Holsworthy (Pyworthy Rectory)	Rev. E. P. James	5	0	10	400	...	36.56	184	142
3.—ERM & C. 217 sq. mi.									
d Stoke Fleming (Windward)	Miss E. L. Garrett	5	1	0	380	...	35.06	...	...
D Yealmpton (Torr)	Miss M. Wimbush	5	1	9	100	35.5	36.29	168	127
D Yealmpton (Cross Park House)	Rev. Canon J. V. Yonge	5	1	3	160	...	39.09	174	138

* Per Avon & Dorset River Board.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SOUTH DEVONSHIRE—(contd.)									
3.—ERM & C.—(contd.)									
d Loddiswell (Hazelwood House) ..	Captain W. G. Peek ..	5	1	0	280	...	49.74	...	...
D Wrangaton (Moorhaven Hospital) ..	Medical Superintendent ..	5	1	0	650	54.2	54.45	177	154
D South Brent (Badworthy) ..	Miss D. B. Latham ..	5	1	0	550	64.4	63.59	170	157
D South Brent (Didworthy Sanatorium)	Medical Superintendent ..	5	1	0	675	...	63.95	180	152
D South Brent (Bala Brook) ..	Engineer, S.Devon Water Bd.	5	0	10	760	...	71.75	188	159
4.—DART. 197 sq. mi.									
D Dartmouth (Dean's Lodge) ..	P. F. Summers, Esq. ..	5	1	0	80	...	40.33	161	120
D Dartmouth	Borough Engineer & Surveyor	5	0	7	9	...	39.95	173	125
D Brixham	Torbay Paint Co., Ltd. ..	5	1	0	164	...	36.14	150	109
D Brixham (Galmpton) ..	Mrs. E. M. Tivy ..	5	1	0	290	...	40.66	134	113
D PAIGNTON (Victoria Park) ..	Town Clerk ..	8	1	0	12	...	37.58	145	114
D Totnes (Bridgetown) ..	W. J. Toope, Esq. ..	5	1	3	45	41.8	43.61	150	124
D TOTNES (Dartington Hall) ..	Dartington Hall Trust ..	5	1	0	100	...	44.57	155	132
D Broadhempston (Sneydhurst)	H. S. Burbery, Esq. ..	5	1	6	200	...	39.91	170	121
D Ashburton (West Street) ..	W. T. Hannaford, Esq. ..	5	1	0	236	51.7	50.97	166	127
D Ashburton (Hele House) ..	Rev. M. H. Needham ..	5	0	7	350	...	48.43	161	132
d Ashburton (Place) ..	Mrs. E. Heron Varwell ..	5	0	8	400	...	48.31	146	127
D Dartmoor (Fox Tor) ..	Water Eng'r. Paignton U.D.C.	5	1	7	1160	...	64.00	189	160
D Dartmoor (Strane Valley) ..	Water Eng'r. Paignton U.D.C.	5	1	7	1180	...	61.67	190	153
D Dartmoor (Swincombe) ..	Water Eng'r. Paignton U.D.C.	5	1	7	1047	...	66.15	196	167
D Ashburton (Leusden Vicarage)	Rev. J. W. Fox ..	8	1	0	870	...	51.35	147	128
d PRINCETOWN (H.M. Prison) .. (+A)	Governor, for M.O. ..	5	1	0	1359	81.9	72.68	...	161
M Princetown (Blackbrook Intake)	N. G. Elliot, Esq., C.E. ..	5	1	0	1293	...	67.64	...	...
W Dartmoor (Cowsic Valley) ..	N. G. Elliot, Esq., C.E. ..	5	1	0	1323	76.7	68.26	...	...
M Dartmoor (Beardown Hill) ..	N. G. Elliot, Esq., C.E. ..	5	1	0	1560	...	75.98	...	...
5.—TEIGN. 209 sq. mi.									
D Torquay (Higher Lincombe Road) ..	G. N. Carleton-Stiff, Esq. ..	5	1	0	260	...	34.49	149	112
D TORQUAY (Abbey Park) ..	Borough Council ..	5	1	0	27	33.0	35.36	139	110
D Torquay (Lydwell Court) ..	J. M. Hepburn, Esq. ..	5	0	10	410	...	34.40	155	108
D NEWTON ABBOT (Seale-Hayne College)	Principal ..	5	1	0	272	34.7	38.05	155	119
D TEIGNMOUTH (Den Gardens) ..	G. F. Rossiter, Esq., B.Sc.	8	1	0	20	31.8	33.30	144	109
D Teignmouth (Hazelton Reservoir)	Engineer & Surveyor ..	8	1	0	425	32.4	35.46	154	116
D Teignmouth (Shaldon Reservoir)	Engineer & Surveyor ..	5	1	0	213	34.9	35.79	146	118
D Teignmouth (Landscape Reservoir)	Engineer & Surveyor ..	8	1	0	136	33.2	34.37	152	111
D Kingsteignton (Firleigh Road)	M. B. B. Heath, Esq. ..	5	1	0	130	...	36.01	148	115
D Dawlish (Holcombe) ..	C. E. Butler, Esq. ..	5	0	11	200	...	36.06	165	122
D Dawlish (Luscombe Castle) ..	Sir Peter Hoare, Bt. ..	8	1	2	175	35.9	37.00	172	121
d ||Dawlish (Beach House) ..	H. S. Marshall, Esq., O.B.E.	5	1	0	80	...	34.23	147	113
d Bovey Tracey (Yarner Wood)..	Nature Conservancy ..	5	1	0	420	...	50.02	151	128
D Chudleigh (Scotleigh) ..	J. P. Hepburn, Esq. ..	5	1	3	280	...	37.05	142	118
D Hennock (Hazelwood) ..	R. P. Kitson, Esq. ..	5	1	0	650	...	41.26	165	125
d Lustleigh (Tottiford) ..	Water Engineer, Torquay ..	8	1	0	790	...	43.20	...	136
M Chagford (Hurstons Ridge) ..	Water Engineer, Torquay ..	5	1	0	1350	69.5	66.72	...	...
M Chagford (White Ridge) ..	Water Engineer, Torquay ..	5	1	6	1650	72.2	74.10	...	...
D Christow (Kennick) ..	Water Engineer, Torquay ..	5	1	0	840	41.6	37.05	207	127
d Chagford (Metherall) ..	Water Engineer, Torquay ..	8	1	0	1150	59.3	59.95	...	163
M Chagford (Thornworthy Down)	Water Engineer, Torquay ..	5	1	6	1250	...	66.71	...	...
M Christow (Smithacott) ..	Water Engineer, Torquay ..	8	1	0	861	42.7	40.52	...	...
M Christow (Laployd) ..	Water Engineer, Torquay ..	5	1	6	1041	42.3	46.12	...	...
D Chagford (Thornworthy) ..	Miss W. H. Varwell ..	5	1	0	1150	64.2	60.99	196	161

|| Gauge over-sheltered.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	In.	in.		
SOUTH DEVONSHIRE—(contd.)									
5.—TEIGN—(contd.)									
D Chagford (Teignworthy)	E. A. Courthope, Esq. ..	5	1	0	1000	...	52.58	196	153
D Chagford (Yellam Cottage)	Cmdr. E. D. Marston, R.N.	5	0	10	680	46.1	47.79	180	139
D Drewsteignton (Newton Barton) ..	C. A. St. George Moore, Esq.	5	1	0	700	...	37.61	167	122
6.—EXE. 445 sq. mi.									
D EXMOUTH (Salterton Road) .. (+A)	Engineer, U.D.C. ..	5	1	0	195	28.6	31.26	146	101
D Exmouth (Filters, Capel Lane) ..	Engineer, U.D.C. ..	5	1	0	240	30.3	30.40	160	108
D STARCROSS	Min. of Agric. & Fisheries	5	1	0	29	...	32.43	144	107
D Kenton (The Vicarage)	Rev. K. E. Alexander ..	5	1	0	100	...	32.35	158	114
d Woodbury (Oakhayes)	E. S. Chattock, Esq. ..	5	1	0	200	...	31.85	...	103
d Shillingford Rectory	Rev. C. L. O'Ferrall ..	5	1	8	200	...	34.14	155	114
d Exminster (Trood House)	Lt.-Col. T. L. Ormiston ..	5	1	0	75	32.9	33.74	...	104
D Exeter (Hatfield, Longdown) ..	C. Holman, Esq. ..	5	1	8	450	33.8	34.76	148	113
D Exeter (Heavitree)	W. N. Lavis, Esq. ..	5	1	0	112	...	31.36	154	106
d Exeter (Devon and Exeter Institute) ..	Librarian ..	5	13	7	155	...	31.01	...	107
D EXETER Airport (+A)	Meteorological Office	5	1	0	106	...	28.00	136	95
d Rockbeare Manor	Mrs. D. Griffith-Williams ..	5	0	10	180	30.7	30.56	...	...
Crediton (Haywards School)	C. Luxton, Esq. ..	5	1	0	190	33.3	34.16	...	...
D Crediton (Okefield)	Seymour F. Pope, Esq. ..	5	1	0	325	32.2	32.48	173	116
D Crediton (Shobrooke House)	Lady Shelley ..	5	1	0	360	...	30.27	159	111
D Copplestone (Copplestone House) ..	Cmdr. W. Pope, R.N., D.S.O.	5	0	10	325	34.4	37.66	168	133
D ||Silverton (Parsonage Lane)	A. G. Smale, Esq. ..	5	4	6	300	...	36.46	146	125
D Bradninch (Bowley Close)	Miss H. R. Hepburn ..	8	1	0	300	34.0	35.66	150	116
D Kentisbeare	A. E. Painter, Esq. ..	5	1	0	304	37.1	34.79	157	120
D Hemyock (Mountshayne)	B. G. Clist, Esq., B.Sc. ..	5	1	0	606	...	39.07	156	121
d Tiverton (Halberton)	Miss M. G. Izat ..	5	1	6	300	40.8	34.59	162	110
D Tiverton (Cowley Lodge)	E. G. Peirce, Esq. ..	5	2	6	250	37.3	34.64	148	112
D Cullompton (Uffculme)	F. C. Doidge, Esq. ..	5	8	0	320	...	34.00	148	120
D Culmstock (Woodgate Farm)	T. Langdon Hine, Esq. ..	5	1	0	550	...	34.95	158	119
d Hemyock (Culm Davy House)	Capt. F. R. Elmes, J.P. ..	5	1	1	512	...	34.03	...	...
d Morebath Manor	Major F. R. Rothwell ..	5	1	0	600	44.3	41.54	...	117
7.—AXE & C. 237 sq. mi.									
D Budleigh Salterton	R. Jones-Bateman, Esq. ..	5	1	0	370	...	31.99	176	112
w Budleigh Salterton (Squabmoor) ..	Engineer, Exmouth U.D.C.	5	1	0	267	31.9	33.07	...	...
d Exmouth (Squabmoor)	J. H. F. Foster, Esq. ..	5	1	0	450	...	(32.98)	...	...
D Venn Ottery	W. H. L. Hurman, Esq. ..	5	1	0	200	...	34.51	151	110
D EAST BUDLEIGH (Bicton Old Rectory)	Colonel O. M. Dyke ..	5	1	0	64	...	29.01	150	96
w East Budleigh (Yettington Intakes) ..	Engineer, Exmouth U.D.C.	5	1	0	300	32.2	31.77	...	...
d East Budleigh (Bicton Gardens) ..	W. L. McCaskie, Esq. ..	5	1	0	90	31.4	29.45	...	95
D SIDMOUTH	Borough Surveyor ..	5	1	0	25	...	30.78	126	106
D Beer (Windyridge)	J. G. Sargent, Esq. ..	5	1	0	200	...	33.43	139	104
D Seaton (Marlpit Lane)	H. S. Stewart, Esq. ..	5	1	0	150	...	33.48	148	110
D Seaton (Millmead)	Vice-Admiral Sir F. Pridham	5	0	8	35	...	31.50	137	102
D Lyme Regis (Pinhay)	Major Ormsby Allhusen ..	5	0	9	450	34.9	36.66	182	122
D Colyton (Colyford)	A. R. Forbes, Esq. ..	5	1	0	100	...	34.54	149	110
D Ottery St. Mary (Broad Oak)	Miss Tallant ..	5	1	2	300	...	35.54	165	112
d Ottery St. Mary (Broad Street) ..	E. G. Mansell, Esq. ..	5	1	0	170	36.3	34.61	...	...
D Ottery St. Mary (The King's School)	Headmaster ..	5	1	0	175	...	34.91	149	109
d Seaton Junction	Express Dairy Co. Ltd. ..	5	1	7	114	...	36.50	...	...
D Kilminster (Springfield)	Major J. M. Brierley, M.B.E.	5	1	0	220	...	37.80	157	109
D Axminster (Gamberlake House) ..	Mrs. E. B. Bayley ..	5	1	6	120	...	38.36	143	110

|| Site unorthodox.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	ft.	above Sea Level				
SOUTH DEVONSHIRE—(contd.)									
		in.	ft.	in.	ft.	in.	in.		
7.—AXE & C.—(contd.)									
D Hawkchurch (Castle House)	A. H. Noble, Esq.	5	1	0	278	...	38.92	153	114
d Honiton (Feniton Court)	Brig. P. B. E. Acland	10	1	0	200	36.4	35.29	...	...
D Honiton (Cotleigh House)	R. Williams, Esq.	5	1	3	540	...	41.76	150	124
d Stockland (The Knoll)	Dr. Mary Stoker-Murdy	5	0	8	300	...	40.35	...	100
NORTH DEVONSHIRE. (Area, 898 sq. mi.)									
1.—NORTH COAST STREAMS. 77 sq. mi.									
Longstone Barrow	C. H. Archer, Esq.	5	1	0	1550	...	61.68	...	...
D Ilfracombe Reservoir	Urban District Council	5	1	0	395	46.9	41.12	167	147
D ILFRACOMBE (Bowling Green)	Urban District Council	5	1	0	25	37.4	35.43	161	129
2.—TAW. 442 sq. mi.									
D Bow (Rosehill)	Miss M. Pope	5	1	0	400	...	38.94	178	128
D North Tawton	K. J. Young, Esq.	5	1	0	537	...	36.15	165	122
d Morchard Bishop Rectory	Rev. H. J. A. Rusbridger	5	1	0	560	...	32.03	179	137
d East Anstey (Barton House)	Mrs. E. L. Hancock	5	1	0	760	...	45.71	153	...
D Chittlehampton (Stowford House)	T. R. M. Cardus, Esq.	5	1	0	275	...	34.79	171	131
D Bishops Tawton (Coddan Hill)	E. F. Batten, Esq.	5	0	11	400	...	31.10	175	133
d West Buckland School	W. F. Dale, Esq.	5	1	0	650	...	39.62	...	...
D CHIVENOR Airfield	(+A) Meteorological Office	5	1	0	20	...	30.07	160	130
D Goodleigh (Chelfham Mill)	Lt.-Cmdr. J. K. Elliot, R.N.	5	0	11	145	...	42.33	181	149
D Braunton (Knowle)	Miss A. C. Dowden	5	1	0	150	...	35.29	174	137
D Challacombe (Chase Terrace)	Ilfracombe U.D.C.	5	1	0	904	62.8	54.08	181	151
3.—TORRIDGE. 342 sq. mi.									
M Dartmoor (Cranmere Pool)	G. L. Pillar, Esq., for M.O.	5	1	0	1845	73.5	70.20	...	...
M Dartmoor (Newbridge)	G. L. Pillar, Esq., for M.O.	5	1	0	1500	59.4	58.26	...	...
D Okehampton (Waterworks)	Borough Engineer	5	1	0	860	...	49.05	178	157
D Beaworthy (Shebbear College)	E. F. Foss, Esq.	5	1	0	540	...	42.59	203	153
D Torrington (Caynton House)	C. T. Davenport, Esq., M.A.	5	1	0	278	39.3	35.98	171	141
D Parkham (Melbury Reservoir)	A. Brewer, Esq.	5	1	0	515	54.6	41.21	171	154
D Bideford (Jennett's Reservoir)	Borough Surveyor	5	1	0	62	40.8	34.01	166	136
d Bideford (Gammaton Reservoir)	Borough Surveyor	5	1	0	350	...	36.04	169	134
d Bideford (Woodtown)	C. J. Twist, Esq.	5	1	0	283	...	37.92	...	...
D Northam (Windmill Lane)	S. Welsford Pain, Esq.	5	1	0	200	...	32.11	175	128
D Northam Lodge	Major L. W. Bennet	5	2	6	125	...	36.14	166	137
d Westward Ho! (Royal Golf Club)	Steward	5	1	6	10	34.4	29.91	...	119
4.—WEST COAST STREAMS. 32 sq. mi.									
d Hartland (Fosfelle)	Mrs. L. J. Chadder	5	1	0	480	46.0	36.78	...	166
D Clovelly Court	Clovelly Estate Co. Ltd.	5	0	9	300	...	41.89	171	146
D HARTLAND POINT (Coastguard Stn.)	Station Officer, for M.O.	5	1	0	299	...	28.63	157	128
5.—EXE. 5 sq. mi.									
Kinsford Gate (Span Head)	C. H. Archer, Esq.	5	1	0	1590	...	63.91	...	...

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			·01 in. or more	·04 in. or more
CORNWALL. (Area, 1,363 sq. mi.)		in.	ft.	in.	ft.	in.	in.		
1.—CAMEL & N.W. COAST STREAMS. 458 sq. mi.									
D Crowan (Boswyn Reservoir) .. ..	.. .. Camborne Water Company	8	1	6	511	47·6	43·91	215	157
Lelant (Tregilly) .. ..	.. .. Capt. D. M. Stuart, D.S.O.	5	1	0	50	...	37·87	172	130
D Hayle (St. Erth) .. ..	.. .. St. Erth Creamery	5	1	0	50	...	38·78	185	135
D St. Ives (Halsetown Vicarage) .. ..	.. .. Rev. T. C. F. Barfett	5	1	0	324	...	40·80	189	139
D St. Ives (Bussow Moor) .. ..	.. .. Borough Surveyor	5	1	0	390	48·6	40·27	183	132
D CAMBORNE (Rosewarne) .. ..	.. .. Rosewarne Exp. Hort. Stn.	5	1	0	250	...	34·67	174	134
d St. Agnes (Church Town) .. ..	.. .. Dr. Henry Whitworth	5	1	0	318	...	32·74	...	...
D NEWQUAY (Mount Wise) .. ..	.. .. Urban District Council	5	1	0	182	33·2	29·68	172	124
D Bodmin (Castle Hill House) .. ..	.. .. Major Hare	5	0	8	484	49·4	42·51	193	152
D Wadebridge (Trevanson) .. ..	.. .. Miss A. T. Skilbeck	5	1	2	200	...	35·34	203	152
D Padstow (The Nook) † .. ..	.. .. J. W. V. Sheldon, Esq.	5	1	0	80	...	27·44	156	121
D Trevone (Pentonwarra) .. ..	.. .. W. M. Lindley, Esq.	5	1	0	25	...	26·65	169	115
D Trebetherick (Pendalen) .. ..	.. .. A. Griffiths, Esq.	5	0	8	150	...	30·15	183	140
D Camelford (Stannon Clay Works) .. ..	.. .. English China Clays, Ltd.	8	2	0	850	54·8	47·85	198	171
D Camelford (Advent) .. ..	.. .. W. O. Martyn, Esq.	5	2	0	890	...	46·73	176	156
D Camelford (Roughtor View) .. ..	.. .. D. W. Bogle, Esq., for M.O.	5	1	0	700	...	45·42	201	168
D Delabole .. ..	.. .. Delabole Slate Co., Ltd.	5	1	6	650	...	36·04	190	160
D Bossiney .. ..	.. .. Mrs. W. Stephens	5	1	0	290	...	31·10	174	141
D BUDE (School House) .. ..	.. .. Urban District Council	5	1	0	50	33·4	28·31	165	127
2.—FOWEY & S.E. COAST STREAMS. 620 sq. mi.									
D THE LIZARD (Coastguard Station) .. ..	.. .. Station Officer, for M.O.	8	1	0	240	...	33·59	171	126
D Ruan Minor (Poltesco) .. ..	.. .. A. A. Ironside, Esq.	5	1	0	120	...	36·94	160	131
D Porthcurno .. ..	.. .. Cable & Wireless, Ltd.	5	1	0	180	36·2	31·77	154	135
D Culdrose (R.N. Air Station) .. ..	.. .. Naval Weather Service	5	1	0	268	...	36·69	152	131
Mawnan Smith .. ..	.. .. Brig.-Gen. H. D. Croft*	5	0	9	205	...	37·70	170	142
D Falmouth (Constantine) .. ..	.. .. P. Harrison, Esq.	5	1	0	310	...	43·93	179	144
D Wendron (Boderwennack) .. ..	.. .. Helston & Porthleven W. Co.	5	1	0	458	45·1	42·52	177	143
d Penzance (Trewidden) .. ..	.. .. Mrs. C. Williams	5	1	0	275	43·2	44·64	...	...
D St. Michael's Mount .. ..	.. .. Lord St. Levan	5	0	8	16	...	30·84	158	133
D PENZANCE (Penlee Gardens) .. ..	.. .. Town Clerk	5	1	0	62	40·9	42·27	179	140
D Penzance (Tregwainton House) .. ..	.. .. Col. Sir E. H. W. Bolitho, C.B.	8	1	0	250	46·4	45·34	179	145
D GULVAL .. ..	.. .. Sutton & Sons	5	1	0	20	41·5	40·24	172	130
D FALMOUTH .. ..	.. .. Town Clerk	5	1	0	167	43·6	41·03	177	139
D Penryn Reservoirs .. ..	.. .. Falmouth Corp'n. W.W.	5	1	6	235	...	40·72	172	144
D St. Mawes (Lawn Bank) .. ..	.. .. J. Stanley-Verde, Esq.	5	1	0	100	...	36·24	161	127
D Gwennap (Trevince) .. ..	.. .. C. H. Beauchamp, Esq.	10	1	0	240	45·5	46·26	193	148
d Mevagissey (The Old Manse) .. ..	.. .. Rev. H. F. Howell	5	1	2	100	...	34·70	...	...
D Truro (Tregolls) .. ..	.. .. Mr. F. Mitchell	5	1	0	65	41·6	34·80	176	140
D Truro W.W. (Lower Tregurrow) .. ..	.. .. Manager	5	1	0	50	42·2	36·92	192	129
D Ladock (Pumping Station) .. ..	.. .. W. C. J. Truscott, Esq.	5	1	0	98	...	34·77	183	133
D St. Stephen (Hendra Pumping Stn.) .. ..	.. .. St. Austell R.D.C.	5	1	3	234	...	40·02	187	143
D ST. AUSTELL (Poltair Public Gardens)	.. .. Engineer & Surveyor	5	1	0	312	45·8	40·74	178	142
D St. Austell (Trethurgy) .. ..	.. .. Lantern China Clay Co., Ltd.	5	1	6	450	...	43·47	200	156
d Lerryn (Fore Street) .. ..	.. .. G. Barrett, Esq.	5	1	0	50	...	35·79	...	...
D Looe (Polteana) .. ..	.. .. W. C. Crowther, Esq., M.A.	5	1	0	60	...	40·14	185	144
D Liskeard (Penmilder) .. ..	.. .. Miss W. P. Foster	5	1	0	250	...	44·43	179	142
D Liskeard (Treventon) .. ..	.. .. E. R. Foster, Esq.	5	1	0	360	47·7	43·16	180	148
3.—TAMAR & C. 279 sq. mi.									
Newton Ferrers .. ..	.. .. Lady Diana Abdy	5	1	1	375	...	39·78	...	...
D §St. Mellion (ELLBRIDGE Exp. Stn.) .. ..	.. .. Horticultural Superintendent	5	1	0	200	...	38·63	180	139

† Station moved 250 yd. W. from Cross Street 2.11.55.

§ Turf wall round gauge.

* Per Cornwall Rainfall Association.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
CORNWALL—(contd.)									
3.—TAMAR & C.—(contd.)									
D St. Mellion (Pentillie Castle) ..	Capt. J. G. Coryton ..	5	1	0	150	...	41·29	168	135
d Pensilva (Penlee) ..	B. T. Skentelbery, Esq. ..	5	1	0	700	...	53·28	...	...
Launceston (North Hill) ..	H. Landrey, Esq.* ..	5	1	2	475	56·8	50·74	194	...
D Launceston (Bastreet, North Hill) ..	S. E. Cornwall Water Board ..	5	2	6	800	...	47·98	189	157
d Launceston (Landue) ..	Miss S. E. Tregoning ..	5	0	11	225	42·5	40·57	171	134
d Launceston (Western Road) ..	Cornwall River Board ..	5	1	0	430	...	38·25	...	...
d Boyton (Ditchen) ..	G. H. D. Heath, Esq. ..	5	1	0	455	...	37·35	...	...
Egloskerry (Tregear) ..	Miss D. M. B. Lethbridge* ..	5	1	10	513	43·1	41·80	...	...
D North Tamerton (Davies) ..	W. S. Bray, Esq. ..	5	3	9	390	35·9	30·28	172	131
4.—INSULAR. Isles of Scilly. 6 sq. mi.									
D St. MARY's (Coastguard Station) ..	Station Officer, for M.O. ..	8	1	3	163	31·9	33·16	180	133
D Tresco Abbey ..	Lt.-Comdr. T. M. Dorrien Smith ..	5	1	0	40	33·4	34·34	180	132
M Tresco (Rowesfield) ..	Lt.-Comdr. T. M. Dorrien Smith ..	8	1	0	40	...	35·74	...	...
SOMERSET. (Area, 1,624 sq. mi.)									
1.—LOWER AVON. 294 sq. mi.									
Wanstrow (Riverside House) ..	A. Febrey, Esq.** ..	5	1	0	445	37·7	31·98	...	...
D Shepton Mallett (Pondsmead) ..	Lady Hobhouse ..	8	1	0	710	44·9	40·12	164	138
D Frome Waterworks (Egford) ..	B. H. Parkes, Esq. ..	8	2	0	270	35·8	28·90	137	110
d Mells (The Manor House) ..	Mrs. K. Asquith ..	5	1	0	340	37·2	34·45	154	124
D Binegar (Gurneyslade) ..	Bursar ..	5	1	0	588	43·3	38·89	159	131
D Stratton-on-Fosse (Downside Abbey) ..	Bursar ..	8	1	0	600	41·5	34·52	171	121
D Stratton-on-Fosse (Greystones) ..	R. Chivers, Esq. ..	5	1	0	650	40·0	33·52	169	121
d Orchardleigh Park ..	A. Duckworth, Esq. ..	8	1	3	307	32·8	32·06	...	108
d Chilcompton (Manor Farm) ..	R. F. Mattick, Esq. ..	5	0	8	550	...	39·47	...	...
D Radstock (Ammerdown House) ..	Mr. L. Sweeting ..	5	0	9	450	39·4	35·88	150	113
D Chewton Mendip (The Priory) ..	The Earl of Waldegrave ..	5	0	11	580	42·7	36·65	151	121
w East Harptree (Pitt Farm) ..	R. W. M. Melvin, Esq. ..	5	1	0	705	46·7	39·23	...	...
D Litton (Sherborne Reservoir) ..	(+A) R. W. M. Melvin, Esq. ..	5	1	0	340	40·0	35·44	162	117
w Harptree Hill ..	R. W. M. Melvin, Esq. ..	5	1	0	784	43·9	36·38	...	...
D East Harptree (Harptree House) ..	Lt.-Col. H. W. Kettlewell ..	5	0	9	345	43·7	38·00	168	123
w East Harptree (Harptree Court) ..	R. W. M. Melvin, Esq. ..	5	1	0	308	39·9	33·97	...	...
D East Harptree (Townsend Pumping Stn.) ..	Water Eng'r, Clutton R.D.C. ..	5	1	6	220	39·8	34·39	159	118
D Hinton Blewett Manor ..	H. S. Russell, Esq. ..	5	1	0	500	39·6	32·94	139	108
w North Widcombe ..	R. W. M. Melvin, Esq. ..	5	1	0	215	35·8	31·54	...	...
w Chew Stoke (Heron's Green) ..	R. W. M. Melvin, Esq. ..	5	1	0	179	36·2	31·63	...	...
d Pensford (Sutton Court) ..	Lord Strachie ..	8	1	0	280	37·0	38·81	162	124
D Midford (Tucking Mill Pumping Stn.) ..	Bath Corporation W.W. ..	5	1	0	135	...	28·09	...	...
w Chew Stoke (Pumping Station)† ..	R. W. M. Melvin, Esq. ..	5	1	0	202	35·5	31·04	...	...
w Ridgehill ..	R. W. M. Melvin, Esq. ..	5	1	0	400	36·0	28·34	...	...
d Chew Magna ..	R. W. M. Melvin, Esq. ..	5	1	0	180	36·3	29·20	...	...
w Winford (Upper Littleton) ..	R. W. M. Melvin, Esq. ..	5	1	0	260	37·0	28·97	...	...
w Chew Magna (Norton) ..	R. W. M. Melvin, Esq. ..	5	1	0	342	...	27·37	...	...
D BATH (Henrietta Park) ..	Medical Officer of Health ..	5	1	0	67	30·3	27·15	151	107
d Bath (Southstoke Road) ..	P. Hambleton, Esq. ..	5	1	0	525	32·6	28·25	158	116
D Bath (Monkton Combe) ..	W. G. Lock, Esq. ..	5	1	0	450	30·3	25·77	160	111
D BATH (City Boys School) ..	Medical Officer of Health ..	5	1	0	388	...	27·95	140	113

* Per Cornwall Rainfall Association.

** Per Somerset River Board.

† Formerly called Chew Stoke (Walley Court).

124 - 180
calculated
from rain

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SOMERSET—(contd.)									
1.—LOWER AVON—(contd.)									
d Bath (7, Bathwick Hill)	Rev. Preb. A. B. Burney, M.A.	5	0	6	220	31·2	29·06	...	...
D Bath (Charlcombe)	Bath Corporation W.W.	5	1	6	325	31·4	27·92	143	104
w Felton (Upper Town)	R. W. M. Melvin, Esq.	5	1	0	550	38·2	29·50	...	...
d Bath (Hamilton Road)	Miss J. Macnab	5	1	6	500	...	29·73	...	114
D Batheaston Reservoir	Bath Corporation W.W.	5	1	0	248	31·1	28·00	152	107
d ||Keynsham (Wellsway)	A. E. Stephens, Esq.	8	1	0	134	29·6	20·77	...	...
D ||Keynsham (Somerdale)	J. S. Fry & Sons, Ltd.	5	1	0	58	29·4	21·60	140	99
D Barrow Gurney Reservoir	R. W. M. Melvin, Esq.	5	1	0	300	34·4	25·54	142	103
w Lansdown	Bath Corporation W.W.	5	1	0	380	33·2	27·93	...	...
D Long Ashton (School House) ..	J. B. Randell, Esq.	5	1	0	161	...	26·72	151	113
D LONG ASHTON (Research Station)	Director	8	1	0	162	34·1	25·84	155	105
D Failand House	H. G. Tanner, Esq.	5	1	0	380	34·6	29·84	134	114
2.—YEO, AXE & BRUE. 405 sq. mi.									
D Bruton (Great Down Cottage) ..	Late F. K. Makins, Esq.	5	1	0	280	...	27·92	153	106
d Bruton (South Brewham)	G. E. May, Esq.	5	1	0	350	35·7	29·04	144	110
D Street (Low Level Reservoir) ..	Surveyor, U.D.C.	5	1	0	100	...	24·26	...	98
D Street (Hindhayes)	Bancroft Clark, Esq.	5	1	6	78	28·8	24·68	152	100
d Street (Sewage Farm)	Surveyor, U.D.C.	5	1	0	18	...	27·45	...	...
D Street (Millfield)	Bancroft Clark, Esq.	5	1	1	100	28·8	27·04	140	110
D Ashcott (Bradley Cottage)	G. Thomson, Esq.	5	1	0	114	...	26·86	145	111
w Sharpsham (Turfmoor)	F. R. Underwood, Esq.	5	1	0	15	...	28·49	...	...
D Edington	Major A. C. F. Luttrell ..	5	1	6	90	31·2	28·06	148	116
Glastonbury (Hartlake Farm) ..	P. S. Smith, Esq.* ..	5	1	3	25	...	24·34	...	...
||Cossington (Gold Corner)	Somerset River Board ..	5	1	0	12	...	22·85	...	...
D Shepton Mallet (Charlton)	C. E. Burnell, Esq., J.P.	5	1	0	481	38·8	29·75	169	123
D Shepton Mallet (Field House) ..	Miss F. A. Berryman ..	5	1	0	500	38·6	32·04	155	125
D Shepton Mallet (Sewage Farm) ..	Surveyor, U.D.C.	5	1	3	350	38·7	32·39	142	129
D Highbridge (Bason Bridge)	Wilts United Dairies, Ltd.	5	1	0	17	...	25·55	143	113
D Highbridge (Mark)	R. J. Tewkesbury, Esq.* ..	5	1	0	19	...	27·53	...	...
d Wookey Hole (Elm Batch)	W. Speed, Esq.	5	0	10	238	36·1	32·90	143	125
D Burnham (Dunstan House)	Miss A. E. Smith-Spark ..	5	1	0	20	29·1	27·73	139	110
D Burnham	Surveyor, U.D.C.	5	1	0	24	28·5	28·02	133	108
d Burnham (Berrow Road)	Miss M. Robinson ..	5	1	0	10	29·2	(25·66)	(132)	(108)
Brent Knoll (Station Road)	J. B. Morris, Esq.* ..	5	1	0	15	...	29·02	...	...
D Cheddar (Pumping Station)	R. W. M. Melvin, Esq.	5	1	0	50	33·6	32·48	149	124
w Charterhouse	R. W. M. Melvin, Esq.	5	1	0	619	43·2	36·82	...	...
D Winscombe (Mendip View)	C. Gibbins, Esq.	5	1	0	100	...	31·33	151	125
D Winscombe (Bore Hole)	Surveyor, Burnham U.D.C.	5	1	0	56	...	30·57	...	...
w Compton Martin	R. W. M. Melvin, Esq.	5	1	0	276	39·2	34·76	...	...
w Ubley (Rookery Farm)	R. W. M. Melvin, Esq.	5	1	0	525	42·5	37·60	...	...
D Winscombe (Wintrath)	D. B. Grubb, Esq.	5	1	0	290	35·8	31·61	145	112
w Blagdon Hill	R. W. M. Melvin, Esq.	5	1	0	550	40·6	36·16	...	...
Hutton (The Orchard House) ..	W. L. Roseveare, Esq.* ..	5	1	0	50	...	28·66	...	...
D Blagdon (Pumping Station)	R. W. M. Melvin, Esq.	5	1	0	112	37·0	31·04	139	111
D WESTON-SUPER-MARE (Clarence Park)	Medical Officer of Health ..	5	1	0	28	29·9	26·37	142	107
D Yatton (Pumping Station)	Long Ashton, R.D.C.	5	0	10	17	...	27·85	148	110
Yatton (Glentworth)	P. H. Hoy, Esq.* ..	5	1	0	36	...	27·28	...	...
D Yatton (Chelvey)	R. W. M. Melvin, Esq.	5	1	0	60	32·5	26·08	149	110
D West Town	Theodore Robinson, Esq.	5	2	0	80	31·9	26·37	138	112
D Clevedon (Tickenham Road P.S.)	R. W. M. Melvin, Esq.	5	1	0	50	31·2	25·97	141	112
D Wraxall Court	Head Gardener	5	1	0	200	...	26·06	145	111
D Walton-in-Gordano	Lt.-Col. Sir Chas. Miles, Bt.	5	0	9	80	...	26·53	167	111

|| Gauge over-sheltered.

|| Gauge over-exposed.

* Per Somerset River Board.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SOMERSET—(contd.)									
2.—YEO, AXE & BRUE—(contd.)									
D Portishead (Bristol Road)	R. W. M. Melvin, Esq. ..	5	1	6	20	34.9	26.72	151	119
d Portishead (Redcliffe Bay)	R. A. S. Heaven, Esq. ..	5	1	0	180	...	29.99	...	...
3.—PARRETT. 568 sq. mi.									
Misterton (Henley)	Imperial Chem. Indus., Ltd.*	5	1	0	475	...	33.45	...	...
D Misterton	Miss M. D. Bindley ..	5	1	0	300	...	36.02	134	108
D Crewkerne (The Reservoir)	Surveyor	8	1	0	425	33.7	38.39	133	105
D Crewkerne (Bincombe House)	Major R. A. Russell, T.D.	5	1	2	293	34.7	35.83	135	106
d Sutton Bingham Reservoir	Yeovil R.D.C.	5	1	0	182	...	33.68	...	...
D Yeovil (Reckleford Junior School)	Headmaster	5	1	0	150	...	36.74	135	107
D Yeovil (Pen Mill Sewage Works)	Borough Surveyor	5	1	5	100	30.6	33.18	147	113
d Yeovil (Summerlease Park School)	F. R. J. Steer, Esq. ..	5	0	9	150	...	27.96	...	...
D Norton-sub-Hamdon (Fruit Farm)	Lt.-Cmdr. W. E. Halsey ..	5	1	0	126	...	28.46	136	103
D Pitminster (Blagdon Hill)	R. B. A. Hankey, Esq. ..	5	0	10	650	...	44.63	175	138
D Angersleigh (Leigh Reservoir)	Taunton Waterworks ..	5	1	0	530	...	39.43	135	118
Compton Durville (Waterworks)	Langport R.D.C.* ..	5	1	0	60	...	31.06	...	...
D BICKENHALL	(+A) A. H. Turner, Esq. ..	5	1	0	231	...	36.85	157	117
D Ashbrittle (Kyrle)	Major J. H. Mathias ..	5	0	9	525	...	34.88	168	126
D Martock (The Grange)	G. E. Barron, Esq. ..	5	0	9	60	29.6	28.27	130	102
D Rimpton (Polly's Orchard)	Miss A. A. Gegg	5	1	0	140	...	25.42	151	101
D Taunton (Vivary Park)	Medical Officer of Health ..	5	1	0	71	27.5	29.33	139	110
Queen Camel (England's Side)	Mrs. V. M. Brendon* ..	5	1	0	100	...	25.66	...	...
d Taunton (St. George's Rectory)	Canon R. A. Iles	5	0	7	90	...	27.90	...	...
D Milverton (Olands Cottage)	Miss E. R. Broadmead ..	5	1	6	330	...	32.37	142	114
D Milverton (Spring Grove)	T. Lownds, Esq.	5	1	0	640	36.7	35.72	168	123
Langport (Drayton)	E. Dabinett, Esq.* ..	5	1	0	46	...	27.30	...	...
D Milverton (Rivers Farm)	A. Wimbush, Esq.	5	1	0	300	...	31.34	152	115
d Wiveliscombe (Culverhead)	Lt.-Col. H. Jefferys-Taylor	5	1	6	450	39.6	37.70	140	108
D Wiveliscombe (Bournes)	G. B. Synge, Esq.	5	1	0	350	...	40.37	167	131
D Langport (Sandpits Hill)	Miss V. M. Page	5	1	6	150	...	25.30	147	111
D Huish Episcopi (County Sec. School)	Headmaster	5	1	0	65	28.1	25.77	135	104
D North Cadbury	H. R. Watson, Esq. ..	5	1	0	240	...	29.23	156	115
d Somerton (Eleigh)	A. R. E. Pretor-Pinney, Esq.	5	1	0	106	...	25.27	...	...
Somerton Court	Col. E. A. Bray*	5	1	0	60	...	25.79	...	...
D Wiveliscombe (Bulland Lodge)	Air V.-M. A. J. Capel, C.B.	5	1	1	790	42.1	42.82	170	134
Kingston St. Mary (Hillside)	Lt.-Col. W. H. F. Routh*	5	1	0	330	...	29.19	...	...
D Kingston St. Mary (St. Mary's Cottage)	Mrs. D. L. P. Shattock ..	5	1	0	230	...	32.06	162	126
D Broomfield (The Old Vicarage)	Rev. R. A. W. Newman ..	5	1	0	700	...	32.24	172	123
D Bishop's Lydeard (Watts House)	Agent to Trustees	5	1	0	320	...	30.65	138	112
Babcary (The Cedars)	D. R. May, Esq.*	5	1	0	150	...	25.82	...	...
West Sedgemoor (Pumping Station)	Somerset River Board ..	5	1	0	25	...	25.20	...	...
Athelney (Currymore Pumping Stn.)	Somerset River Board ..	5	1	0	20	...	26.13	...	...
d Taunton (East Lyng)	J. T. Ames, Esq.	5	1	0	43	...	27.96	...	...
Durston (West Newton Farm)	C. J. Hill, Esq.*	5	1	0	130	...	27.46	...	...
D §Clatworthy (Whites Farm)	Taunton Waterworks ..	5	1	0	823	...	43.95	160	137
M §Clatworthy (Stolford Farm)	Taunton Waterworks ..	5	1	0	1091	...	47.18	...	...
M §Clatworthy (Sedgeborough Farm)	Taunton Waterworks ..	5	1	0	1079	...	43.61	...	...
Castle Cary	W. Davis, Esq.*	5	1	0	290	...	27.48	...	...
D Bagborough (Littlecourt)	Lt.-Gen. Sir Ed. Wetherall	5	1	0	455	...	34.06	138	118
D Bridgwater (Northmoor P.S.)	(+A) Somerset River Board ..	5	1	0	23	...	27.06	152	108
D Bridgwater (Durleigh)	R. A. Watson, Esq. ..	8	1	0	46	29.8	28.84	142	111
D Bridgwater (Blake Gardens)	R. A. Watson, Esq. ..	5	3	1	27	28.5	29.16	140	111
Bridgwater (Wembdon Hill)	Mrs. M. L. Colthurst* ..	5	1	0	110	...	25.96	...	...
D Bridgwater (Blacklands Street)	N. S. Bailey, Esq.	5	1	0	18	...	27.67	149	107

* Per Somerset River Board.

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SOMERSET—(contd.)									
3.—PARRETT—(contd.)									
D Bridgwater (Wembdon)	E. L. Kelting, Esq., O.B.E.	5	1	0	47	...	28.11	155	111
D Over Stowey (Plainsfield)	Lord St. Audries	5	0	10	400	...	32.60	157	119
Crowcombe (Quantock Farm)	M. A. Bucknell, Esq.*	5	1	0	1000	...	34.82	...	...
d Over Stowey (Quantock San.)	Medical Superintendent	5	1	4	430	35.0	(34.42)	160	114
D Cannington (Ashford Waterworks)	R. A. Watson, Esq.	5	1	1	102	31.4	28.60	134	118
D Over Stowey	H. L. Butt, Esq.	5	1	0	550	...	34.81	165	122
Bawdrip (Bath Road)	W. N. Winslade, Esq.*	5	1	0	21	...	27.06	...	...
D CANNINGTON (Somerset Farm Inst.)	Principal	5	1	0	95	...	27.20	140	108
4.—NORTH COAST STREAMS. 158 sq. mi.									
d Treborough (Sminhayes Farm)	Major R. A. Archer	5	1	0	1150	...	48.58	155	139
Treborough (Withiel Hill)	Major R. A. Archer	5	1	0	1275	...	47.28	...	...
Lype Hill	Major R. A. Archer	5	1	0	1320	...	50.32	...	...
Timberscombe (Croydon Hill)	Major R. A. Archer	5	1	0	1175	...	44.36	...	...
D Timberscombe (Police Station)	Major R. A. Archer	5	1	0	255	...	38.92	148	120
D Bicknoller (Weacombe House)	W. T. Greswell, Esq.	5	1	6	300	34.2	34.19	141	115
M Quantock Hills (Round Hill)	Lord St. Audries	5	1	0	900	...	33.18	...	...
D Dodington	W. Stone, Esq.	5	1	0	330	...	32.92	153	124
Holford	E. L. Kelting, Esq., O.B.E.	5	1	0	350	...	32.38	...	...
d Kilve Court	Mrs. Cooke-Hurle	5	1	0	150	30.0	30.43	...	...
d Kilve (Corner Close)	Major H. J. Cann	5	0	9	350	...	31.93	...	...
D East Quantoxhead (The Rectory)	Mrs. F. L. Aldridge	5	1	0	130	...	30.75	138	99
D Stogursey (Fairfield House)	Lord St. Audries	8	1	0	150	31.1	31.51	151	113
Goosemoor (West Dunkery)	C. H. Archer, Esq.	5	1	0	1581	...	59.96	...	...
§Dunkery Beacon	C. H. Archer, Esq.	5	1	0	1650	...	58.98	...	...
Chains Barrow	C. H. Archer, Esq.	5	1	0	1587	...	63.25	...	...
D WOOTTONCOURTENAY (Ford Cott.)(+A)	C. H. Archer, Esq.	5	1	0	486	...	40.77	179	129
D Carhampton (The Croft)	E. W. Darby, Esq.	5	1	0	100	...	34.02	182	123
Porlock (Nutscale Reservoir)	Eng'r & Surveyor, Minehead	5	1	6	1000	...	48.85	...	...
D Dunster Castle Gardens	Mr. C. Heritage	8	1	0	100	...	29.76	147	118
D Dunster (County School)	J. H. Powles, Esq.	5	1	0	160	32.2	30.41	148	117
D Minehead (Dunkery Lodge)	Rev. E. P. Liddon	8	1	0	15	...	30.72	135	112
d Porlock (Hacketty Way)	H. K. Reeves, Esq.	5	1	0	200	...	36.41	...	...
D Stolford (Whitewick Farm)	C. Mackenzie, Esq.	5	0	9	10	...	30.80	149	108
D Minehead (Blenheim Gardens) (+A)	Engineer & Surveyor	5	1	6	37	33.4	30.17	145	118
D Minehead (Weirfield)	Rev. Canon A. G. Robinson	5	1	5	110	...	26.76	143	104
d Porlock Weir	E. Percival, Esq.	5	1	6	60	...	38.37	...	119
5.—EXE. 122 sq. mi.									
D East Anstey (Dassels)	Major F. R. Farquhar	5	1	0	850	...	46.90	182	149
D Dulverton (The Cottage)	Miss B. K. Abbot	5	1	0	450	...	45.03	176	145
d Dulverton (C.E. School)	G. H. C. Warner, Esq.	5	0	9	550	47.8	48.02	...	...
D Bridgetown	Late Miss K. M. Worsley	5	1	0	650	...	47.80	188	136
D Winsford	Capt. R. S. Le Bas	5	1	0	620	...	48.13	175	140
Kinsford Gate (Quarry)	C. H. Archer, Esq.	5	1	0	1500	...	64.65	...	...
d Exford (Lower Thorne)	Miss C. Reed	5	0	7	1000	...	53.31	...	...
D Simonsbath (Honeyhead)	B. N. Waley-Cohen, Esq.	5	1	0	1250	...	53.07	185	151
6.—AXE. 42 sq. mi.									
D Wayford Manor	H. L. P. Baker, Esq.	5	0	10	420	...	39.58	145	117
d Cricket St. Thomas	Mr. G. A. Wakefield	5	1	0	444	39.3	41.43	...	114
D Church Stanton (Otterhead)	Water Engineer, Taunton	5	1	0	819	...	44.59	183	121
7.—STOUR. 35 sq. mi.									
D Horsington (Throop Farm)	Brig. F. C. F. Cleeve	5	1	0	460	...	28.36	148	114

* Per Somerset River Board.

§ Turf wall round gauge.

DIVISION VI—WEST MIDLAND COUNTIES

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
GLOUCESTERSHIRE. (Area, 1,237 sq. mi.)									
1.—WYE. 50 sq. mi.									
D St. Briavels (Wyeside)	Major H. J. Le Mare ..	5	1	0	450	...	36.20	149	117
D Redbrook (Pumping Station) ..	H. Parks, Esq. ..	5	1	0	220	...	33.94	141	105
d Forest of Dean (Reddings Lodge) ..	Forestry Commission ..	8	1	3	650	...	29.30	...	...
2.—SEVERN. Right Bank Tributaries. 185 sq. mi.									
D Forest of Dean (Blakeney Hill Lodge)	Forestry Commission ..	8	1	6	450	31.6	27.98	144	101
D Forest of Dean (PARKEND)	Forestry Commission ..	8	1	0	325	...	35.94	144	112
d §Coleford (Cannop Colliery)	Manager	5	1	0	330	...	35.64	...	111
D Forest of Dean (Serridge Lodge) ..	Forestry Commission ..	8	0	10	600	...	29.52	143	106
D Newent (Taynton)	M. Philips Price, Esq. ..	5	1	0	60	29.3	27.92	144	103
d Bromsberrow Heath (Pumping Station)	Malvern U.D.C. ..	5	1	0	181	26.2	29.36	...	104
d Tewkesbury (Forthampton Court) ..	Mr. F. R. Mayo ..	5	1	0	48	26.9	22.59	...	96
d Tewkesbury (Upper Lode)	British Waterways ..	5	1	0	41	25.2	23.01	...	103
3 —SEVERN. Left Bank Tributaries. 369 sq. mi.									
D Rudgeway (Lower Hazel)	T. T. Hodges, Esq. ..	5	1	0	200	...	23.96	139	108
D Alderley (Cordwalles)	C. H. Ledward, Esq. ..	5	1	0	300	...	23.80	147	103
d Alderley (Pumping Station)	W. Gloucester Water Co. ..	8	1	0	206	...	24.25	...	99
d Falfield (Tortworth)	J. R. Organ, Esq. ..	5	1	6	264	31.8	25.12	133	105
d Wotton-under-Edge (Bournstream) ..	Lt.-Col. B. S. Browne ..	5	1	8	300	32.1	24.25	146	107
D Upper Cam (Lansdown)	A. W. Hughes, Esq. ..	5	1	0	350	...	25.85	153	107
D Berkeley (Sharpness Docks)	British Waterways ..	5	1	3	50	29.5	30.44	148	112
D Minchinhampton (Rectory Cottage)	F/Lt. G. W. Fisher ..	5	1	0	610	33.9	27.38	158	107
d Chalford (Waterworks)	Stroud District Water Board	5	2	0	220	...	25.54	...	...
d Eastcombe	P. Blair, Esq. ..	5	1	0	470	...	28.23	...	...
D Chalford (France Lynch)	Major V. A. H. Denne ..	5	1	0	640	...	28.66	157	119
D Stroud (Oakridge)	Lady Cripps	5	1	0	600	...	28.76	164	110
D Stonehouse (Wycliffe College) ..	W. A. Sibly, Esq. ..	5	1	0	135	29.0	24.20	125	98
D Stroud (RUSCOMBE)	Capt. B. D. Parkin ..	5	1	0	610	...	25.48	157	111
D Miserden Park	Agent	5	1	3	800	...	30.48	148	113
d Whitminster (The Junction)	British Waterways ..	5	1	0	32	...	25.86	140	101
d Haresfield Court	G. B. Heywood, Esq. ..	5	1	0	100	30.2	22.70	...	...
D Harescombe Grange	Mrs. Stamford Hutton ..	5	1	0	557	29.3	25.40	146	113
D Cranham (Woodside)	Lt. J. H. Edwards, Esq. ..	5	1	5	650	...	23.81	160	103
D Witcombe Reservoir	J. H. Goodridge, Esq., C.E.	8	1	0	297	29.2	22.35	145	96
D Gloucester (Llanthony Lock)	British Waterways ..	5	0	10	33	25.4	20.75	134	96
D Dowdeswell Reservoir	Chelt. & Glos. Water Board	5	1	3	357	30.0	23.93	129	97
D Cheltenham (Hewletts Reservoir) ..	Chelt. & Glos. Water Board	8	1	6	419	27.7	22.67	147	101
D Cheltenham (Sandford Mead)	Chelt. & Glos. Water Board	5	2	4	210	26.3	22.86	137	101
D Cheltenham (Montpellier Gdns.) (+A)	Town Clerk	5	1	0	214	26.5	21.32	143	100
d Cheltenham (Cemetery)	Superintendent	5	1	3	800	...	22.64	...	...
D Tewkesbury (Pumping Station) ..	Chelt. & Glos. Water Board	5	1	0	47	23.9	23.06	154	104
4.—SEVERN. Upper Avon. 68 sq. mi.									
D Blockley (The Manor House)	Major H. F. Cox	5	1	0	450	29.4	25.38	160	114
d Winchcombe (Sudeley Castle)	Mrs. M. Dent-Brocklehurst	5	1	0	357	29.8	27.44	...	107
D Chipping Campden (Leysbourne) ..	Miss C. Sparling	5	1	0	470	...	25.97	168	116
5.—LOWER AVON & C. 208 sq. mi.									
D Bitton (Willsbridge Nurseries) ..	G. E. A. Richards, Esq. ..	5	1	0	100	...	22.00	151	99
D Bath (Monkswood Reservoir)	Bath Corporation W.W. ..	5	1	0	365	...	27.69	176	110

§ Turf wall round gauge.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain-fall	1955					
				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—(contd.)				in.	ft.	in.	ft.	in.	in.			
5.—LOWER AVON & C.—(contd.)												
D	Hanham (Conham Sewage Works)	..	W. J. Lee, Esq.	..	5	1	3	50	...	23.69	138	104
D	Bristol (Hopewell Hill)	..	..	West Gloucester Water Co.	8	1	8	386	30.5	23.86	153	108
D	Clifton (Oakfield Road)	..	..	R. W. M. Melvin, Esq.	5	1	0	200	33.0	25.41	135	105
D	Bristol (Belmont Road)	..	..	F. T. White, Esq.	5	1	2	200	32.6	25.80	151	103
d	Horfield	..	..	(+A) City Engineer, Bristol	5	1	0	248	...	26.81	128	106
d	Westbury-on-Trym (Coombe Dingle)	..	..	B. S. F. Hessey, Esq.	5	1	0	250	...	26.29	...	104
D	FILTON (BRISTOL Airport)	..	..	(+A) Meteorological Office	5	1	0	192	...	24.50	144	98
D	Henbury (The Ridgeway)	..	..	R. H. Gunn, Esq.	5	1	0	263	...	25.17	151	103
d	Frampton Cotterell (Park House)	..	..	A. G. Harding, Esq.	5	1	0	158	29.8	22.15	...	107
D	Frampton Cotterell (Pumping Station)	..	..	West Gloucester Water Co.	5	1	0	154	...	22.62	142	107
d	Badminton Gardens	..	..	Head Gardener	5	1	0	407	...	29.59	...	114
D	Shipton Moyne (Pumping Station)	..	..	West Gloucester Water Co.	5	1	0	312	...	28.70	160	103
6.—THAMES. Right Bank Tributaries. 17 sq. mi.												
7.—THAMES. Windrush & c. 340 sq. mi.												
	South Cerney Airfield	..	..	(+A) Meteorological Office	5	1	0	369	...	21.93	...	...
D	Cirencester (Shorncliffe Sew. Wks.)	..	..	Cirencester U.D.C.	5	1	0	307	...	24.55	155	108
d	Fairford (Reeve, Kempsford)	..	..	Major H. A. Northern	5	1	0	260	25.6	21.55	...	...
D	Lechlade (St. John's Lock)	..	..	Thames Conservancy	5	1	7	237	24.3	20.09	145	96
D	CIRENCESTER (Royal Agric. College)	..	..	Principal	5	1	0	350	31.9	26.25	142	109
D	Cirencester (Baunton W.W.)	..	..	(+A) Cirencester U.D.C.	5	1	0	396	...	26.64	160	99
D	Great Barrington	..	..	Mrs. R. E. Lazenby	5	1	6	417	28.8	22.64	133	96
D	LITTLE RISSINGTON Airfield	..	..	(+A) Meteorological Office	5	1	0	731	29.4	23.44	148	101
HEREFORDSHIRE. (Area, 840 sq. mi.)												
1.—WYE. 685 sq. mi.												
	Walford (Hill Court Gardens)	..	..	Mrs. G. R. Trafford	5	1	1	126	28.4	27.86	139	103
D	ROSS-ON-WYE	..	..	(+A) F. J. Parsons, Esq., for M.O.	5	1	0	223	28.2	26.90	135	95
D	Kentchurch Court	..	..	J. Lucas-Scudamore, Esq.	5	1	0	236	33.0	32.83	147	103
D	Perrystone Court	..	..	Lt.-Gen. Sir Sidney Clive	5	1	3	450	...	27.96	145	104
D	Much Dewchurch (The Mynde)	..	..	Capt. Clive	5	1	0	420	...	28.82	135	106
D	Sollershope (Perryfield)	..	..	A. G. Fyshe, Esq.	5	1	0	320	...	27.25	153	102
D	Vowchurch (Ladywell House)	..	..	A. S. Wood, Esq.	5	1	0	400	34.9	34.72	156	116
D	Michaelchurch Escley (Llan Rosser)	..	..	J. M. Maddy, Esq.*	5	1	0	1125	40.6	40.18	147	111
D	Hereford (Sewage Works)	..	..	F. Margerison, Esq., C.E.	5	1	0	167	...	26.19	135	94
D	Hereford (Breinton Court)	..	..	Mrs. R. E. H. Bailly	5	1	0	238	25.9	28.74	154	103
D	Hereford (Kings Acre Road)	..	..	A. C. Quinn, Esq.	5	1	0	216	...	26.29	146	91
D	Tillington Fruit Farm	..	..	Co-op. Wholesale Soc. Ltd.	5	4	6	270	...	26.70	153	105
d	Clifford School	..	..	Headmaster	5	1	7	490	33.1	33.18	...	...
d	Burghill Hospital	..	..	Medical Superintendent	5	1	0	300	26.3	27.16	...	...
D	PRESTON WYNNE	..	..	Farm Director	5	1	0	274	...	24.82	151	104
D	Wellington (Yew Tree House)	..	..	Mrs. E. H. P. Jackson	5	1	0	185	...	28.16	166	114
D	Weobley (Garnstone)	..	..	Lt.-Col. R. N. H. Verdin	5	1	2	442	...	30.72	151	105
d	Sarnesfield Grange	..	..	Rev. W. Marshall	5	1	0	378	...	30.74	...	115
D	Hope under Dinmore	..	..	Cadbury Bros. Ltd.*	5	1	0	246	27.4	27.84	142	110
D	Pembridge (Moor Court)	..	..	Mrs. L. Benn	5	1	8	400	...	29.93	155	118
D	Bromyard (The Down House)	..	..	Capt. L. R. Hibbert	5	1	1	485	28.1	29.02	155	116
D	Lyonshall (The Croft)	..	..	Major R. J. Jones	5	1	0	474	...	29.50	157	118
D	LYONSHALL (The Whittern)	..	..	R. H. Green, Esq.	5	1	0	510	...	30.49	155	119
D	Monkland Cottage	..	..	Capt. N. J. Bengough	5	1	3	300	...	25.69	154	106

* Per Wye River Board.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
HEREFORDSHIRE—(contd.)									
1.—WYE—(contd.)									
D Kimbolton (Grantsfield)	Miss D. W. Hutchinson ..	5	1	0	424	28·4	27·74	147	111
d Shobdon (Ty'n-y-Coed)	Late Miss Woodhouse ..	5	1	0	450	...	31·99	...	...
D Leamington (Croft Castle)	Major O. G. S. Croft ..	5	0	9	600	...	32·99	149	115
D Presteigne (Middlemoor)	A. M. Wilson, Esq. ..	8	1	0	480	34·0	34·55	168	123
2.—SEVERN. Right Bank Tributaries. 155 sq. mi.									
D Newent (Kilcot)	Forestry Commission ..	8	1	6	170	...	30·03	141	113
d Much Marcle (Hall Court)	Mrs. J. J. S. Powell ..	5	1	0	200	...	25·01	...	...
d Ledbury (The Sladd)	Major R. E. Combe, M.C. ..	5	1	0	400	...	30·23	154	111
d Cradley School	R. G. Hughes, Esq. ..	5	0	9	250	...	25·59	...	...
D Downton Castle (Estate Office) ..	Major W. M. P. Kincaid Lennox	5	0	9	456	...	29·24	164	119
SHROPSHIRE. (Area, 1,343 sq. mi.)									
1.—MERSEY. Weaver. 27 sq. mi.									
D Adderley (Raven House)	Mrs. Edmond Browne ..	5	1	1	250	...	22·57	160	127
2.—DEE. 30 sq. mi.									
D Whitchurch (Fenns Bank)	F. W. Sanders, Esq. ..	8	1	0	271	27·1	24·32	161	125
D Overton (Sodylt Hall)	W. S. Corbett Lowe, Esq. ..	5	3	0	267	29·7	27·29	156	129
3.—SEVERN. Right Bank Tributaries. 722 sq. mi.									
D Bucknell Vicarage	Rev. W. A. Woodhouse ..	5	1	7	480	...	31·12	148	116
D Bromfield (Oakly Park)	Head Gardener ..	5	1	5	300	29·7	29·02	155	115
M Cleobury Mortimer (Chilton) ..	Col. F. M. Tomkinson ..	5	2	0	410	...	32·80	...	...
D Anchor (Kerry Forest)	Forestry Commission ..	5	0	10	1150	...	43·20	207	144
D Burwarton (Dingle Leys)	R. B. C. Edwards, Esq. ..	5	0	11	730	...	35·43	160	127
D Craven Arms (Westhope Cottage) ..	Lady Dyer ..	5	0	11	610	...	27·61	151	119
d Lydbury North (Totterton)	Major W. H. B. Whitaker ..	5	0	10	700	30·8	28·48	...	...
d Bishops Castle (The Mount)	F. Lavender, Esq. ..	5	1	0	735	...	25·90	...	...
D Church Stretton (Sewage Works) ..	Surveyor, U.D.C. ..	5	1	0	582	33·0	32·59	166	131
D Bridgnorth (Silverdale)	H. E. Trevor, Esq. ..	5	1	0	245	...	27·59	151	108
D Bridgnorth (Morville Hall)	Mrs. Bythell ..	5	1	0	300	...	28·82	146	111
d Cressage (Harnage Grange)	E. W. Towler, Esq. ..	5	1	1	384	...	(26·73)	...	110
D Worthen	Dr. D. M. Hunter ..	5	1	0	395	...	26·38	169	132
D Meole Brace Hall	J. B. Hoare, Esq. ..	5	1	0	250	...	22·21	152	104
d Shrewsbury (St. John's Hill)	Atcham R.D.C. ..	5	1	0	253	...	21·59	...	...
D SHREWSBURY (Monkmoor)	Medical Officer of Health ..	8	1	0	184	24·7	23·35	162	116
4.—SEVERN. Left Bank Tributaries. 564 sq. mi.									
D Bridgnorth (Stanmore Hall)	The Hon. E. S. Hamilton-Russell ..	5	1	0	297	25·8	26·33	173	111
D Hilton (Pumping Station)	B. L. McMillan, Esq., C.E. ..	5	1	0	168	...	24·03	146	104
D Ackleton (The Folley)	H. J. Bath, Esq. ..	5	1	0	230	26·0	27·03	168	117
d Shifnal (Hatton Grange)	Head Gardener ..	5	1	6	262	26·1	27·18	141	112

|| Gauge over-sheltered.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SHROPSHIRE—(contd.)									
4.—SEVERN. Left Bank Tributaries—(contd.)									
D Shifnal (Cosford Waterworks)	B. L. McMillan, Esq., C.E.	5	0	10	222	25·6	25·36	154	113
D Wellington (Wrekin College)	E. C. Gower, Esq.	5	0	7	340	...	(26·33)	154	108
Wellington (Allscott)	British Sugar Corpn., Ltd.	5	0	9	200	...	23·67	167	118
D NEWPORT (Harper Adams Ag. Coll.)	Principal	5	1	0	211	24·8	23·78	159	103
D SHAWBURY Airfield (+A)	Meteorological Office	5	1	0	235	...	22·56	151	103
d Newport (Chetwynd Park)	J. G. B. Borough, Esq.	5	0	9	230	28·3	25·19	154	114
D Wem (Modern School)	Headmaster	5	0	9	260	...	24·50	151	116
d Oswestry (Llanyblodwel)	Mrs. R. Dugdale	5	0	7	300	...	29·60	...	...
D OSWESTRY (Filter Beds)	Liverpool Corporation W.W.	5	1	0	570	...	30·48	166	127
D Oswestry (Llanforda Reservoir) ..	Liverpool Corporation W.W.	8	1	0	702	...	32·38	153	130
D Oswestry (Mount Reservoir)	Borough Surveyor	5	1	0	698	34·5	32·20	185	133
D Oswestry (Llwyn Terrace) (+A)	Borough Surveyor	5	1	0	430	...	30·94	177	126
D Ellesmere (Sheraton House)	Capt. C. Adam	5	0	10	300	...	27·79	155	122
STAFFORDSHIRE. (Area, 1,166 sq. mi.)									
1.—MERSEY. Weaver. 50 sq. mi.									
D Madeley Vicarage	Rev. W. Garner*	5	1	0	350	30·7	26·08	160	122
D Biddulph Grange	Secretary	5	1	0	560	33·8	28·17	143	121
2.—SEVERN. Left Bank Tributaries. 160 sq. mi.									
D Kinver	R. A. Robertson, Esq., C.E.	5	1	0	152	25·0	26·98	154	117
d Lye (Pumping Station)	Messrs. Bateman, Gard & Whimster	5	1	0	245	...	27·38	...	...
D Kinver (Prestwood)	R. A. Robertson, Esq., C.E.	5	1	0	179	...	22·67	147	114
D Kingswinford (Ashwood Pumping Stn.)	R. A. Robertson, Esq., C.E.	5	1	0	207	24·9	21·76	145	113
D Wolverhampton (Dimmingsdale W.W.)	B. L. McMillan, Esq., C.E.	5	0	9	323	...	24·02	144	108
d Wolverhampton (West Park)	Medical Officer of Health ..	5	1	0	430	27·1	24·63	156	120
D Tettenhall (Waterworks)	B. L. McMillan, Esq., C.E.	5	0	10	468	27·2	24·33	152	111
D Shifnal (Weston Park)	The Earl of Bradford	5	1	6	400	27·3	24·67	174	119
d Norbury Junction	British Waterways	5	1	0	331	28·0	25·22	...	...
D MARKET DRAYTON (Loggerheads) ..	Cheshire Joint Sanatorium ..	5	1	0	581	...	26·08	165	123
d Maer Hall Gardens	Mr. A. E. Berisford	5	1	0	410	32·5	26·63	...	121
3.—TRENT. Right Bank Tributaries. 513 sq. mi.									
D Tividale (Sewage Disposal Works) ..	Messrs. Bateman, Gard & Whimster	5	1	0	432	28·1	25·21	154	114
D West Bromwich (Dartmouth Park) (+A)	Borough Surveyor	8	1	7	543	26·2	27·56	144	115
D Tipton (Toll End Sewage Works) ..	Manager	5	1	0	400	27·4	26·16	157	115
D Wednesbury (Ocker Hill)	British Waterways	5	1	0	476	26·6	24·39	144	113
D Walsall (Bescot Sewage Farm)	M. E. Habershon, Esq.	5	0	11	387	26·9	24·65	153	120
D Darlaston (Sewage Works)	S. E. Hammonds, Esq.	8	1	6	393	...	23·65	150	112
D Willenhall (Sewage Works)	Engineer & Surveyor	5	0	10	390	...	20·65	161	107
D WALSALL (Dartmouth Avenue)	J. C. W. Day, Esq.	5	1	0	455	...	26·28	161	120
D Aldridge (Bourne Vale)	R. A. Robertson, Esq., C.E.	5	1	0	419	25·1	26·17	151	113
D Codsall (Suckling Green Lane)	P. W. Iliff, Esq.	5	1	0	410	...	25·65	171	119
D OAKEN (Manor House)	A. J. Parkes, Esq., M.C.	5	1	1	409	...	25·10	148	114
D Shenstone (Little Hay)	R. A. Robertson, Esq., C.E.	5	1	0	298	...	26·16	162	117
D Bloxwich (Sneyd Reservoir)	British Waterways	5	1	0	507	25·5	26·28	167	118
D Pelsall (Goscote Sewage Works) ..	M. E. Habershon, Esq.	5	1	0	435	...	22·96	139	100
D Tamworth (Sewage Pumping Station)	K. Price, Esq.	8	0	10	182	...	21·90	161	106
D Brownhills (Sandhills)	R. A. Robertson, Esq., C.E.	5	1	0	407	...	24·63	148	117

* Per Cheshire River Board.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
STAFFORDSHIRE—(contd.)									
3.—TRENT. Right Bank Tributaries—(contd.)									
D Brownhills .. ..	.. Engineer & Surveyor ..	5	1	8	492	26.8	25.14	134	104
d Chasetown (Chase Terrace) ..	.. National Coal Board ..	5	1	6	535	...	(23.90)	...	...
D Cannock (Great Wyrley) ..	.. R. Sambrook, Esq. ..	5	1	0	420	...	25.83	182	120
D Hammerwich (Cannock Reservoir) ..	.. British Waterways ..	5	1	0	475	25.3	24.27	150	117
D Whittington (Old Hall) ..	.. Mr. E. J. L. Lockyer ..	5	1	3	221	...	23.77	150	105
D Hednesford (Gentleshaw) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	744	...	28.28	159	122
d Brewood (Belvide Reservoir) ..	.. British Waterways ..	5	1	0	367	...	27.01	...	...
d Elford .. ..	.. Trent River Board ..	5	1	0	183	...	23.10	...	...
D Hednesford (Pye Green) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	768	...	27.19	154	119
D Lichfield (Hanch Reservoir) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	259	26.9	25.56	160	114
d Alrewas (C. E. School) ..	.. Headmaster ..	5	2	6	200	...	23.96	147	105
D Lichfield (Sandfields) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	303	...	24.58	147	109
D Rugeley (Slitting Mill) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	299	...	26.78	146	117
D Rugeley (Brindley Bank) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	254	26.6	25.89	153	120
D Milford (Waterworks) ..	.. G. J. Plant, Esq. ..	5	1	0	246	27.5	27.20	167	120
D Stafford (Newport Road) ..	.. Dr. J. C. Burne ..	5	1	0	250	...	25.95	169	128
D Stafford (Riverway Nurseries) ..	.. G. J. Plant, Esq. ..	5	1	6	245	27.2	24.44	166	124
D Yarlet Hall .. ..	.. K. E. Tarling, Esq. ..	5	1	0	405	...	27.00	150	114
D STONE (Cold Norton Farm) ..	.. Animal Breeding Res. Org.	5	1	0	350	...	26.99	173	131
D Standon (Hatton Waterworks) ..	.. G. V. Brown, Esq., C.E. ..	5	1	0	355	29.0	26.75	154	125
D KEELE (Univ. Coll. of North Staffs)(+A)	Prof. S. H. Beaver, M.A. ..	5	1	0	587	...	26.16	178	125
D Hanley (Etruria) .. ..	.. Shelton Iron, Steel & Coal Co., Ltd.	5	1	0	423	...	26.49	164	129
4.—TRENT. Left Bank Tributaries. 193 sq. mi.									
w Hamstall Ridware (No. 1) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	214	24.3	21.00	...	...
w Hamstall Ridware (No. 2) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	240	25.4	23.75	...	...
D Mavesyn Ridware Rectory ..	.. Rev. W. F. Need ..	5	1	0	229	...	26.38	163	120
D Burton Reservoir .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	309	25.1	22.38	145	110
D Burton (Shobnall) .. ..	.. Bass, Ratcliff & Bretton, Ltd.	5	1	0	157	24.6	21.98	152	101
D Burton-on-Trent (Outwoods) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	310	26.1	23.69	143	113
D Burton (Outwoods Hospital) ..	.. Medical Officer of Health ..	5	1	0	220	25.9	23.74	169	116
D Blithfield Reservoir .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	273	...	25.70	161	122
w Abbots Bromley (Port Fields) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	316	27.5	26.05	...	...
M Newton (Booth) .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	360	27.8	27.72	...	...
M Kingston .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	420	...	26.56	...	...
M Gratwich (Caverswall Farm) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	381	29.8	26.90	...	...
M Gratwich (Fradswell) .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	450	...	26.92	...	...
M Leigh (Middleton Green) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	597	31.8	29.27	...	...
M Leigh (Lane Farm) .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	500	30.9	27.31	...	...
M Fulford Manor .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	710	31.0	27.92	...	...
D §Draycott (Cresswell Pumping Station)	C. V. Brown, Esq., C.E. ..	5	1	0	538	...	30.92	177	131
D Longton (The Meir) .. ..	.. C. V. Brown, Esq., C.E. ..	5	1	0	617	...	28.55	172	126
M Caverswall (Hardwick Farm) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	810	32.1	27.69	...	...
M Longton (Hulme) .. ..	.. R. A. Robertson, Esq., C.E.	5	1	0	710	32.3	26.81	...	...
D Hanley (Sewage Works) .. ..	.. W. H. Makepeace, Esq. ..	5	1	0	386	...	25.11	162	124
D Werrington (Wallmires Pumping Stn.)	Cheadle R.D.C.	5	1	0	761	34.6	29.45	188	136
5.—TRENT. Dove. 250 sq. mi.									
D Uttoxeter .. ..	.. C. H. Elkes & Sons, Ltd. ..	5	1	0	295	29.7	26.70	157	123
M Dilhorne (Richmoor Hill) ..	.. R. A. Robertson, Esq., C.E.	5	1	0	919	34.1	27.63	...	...
D Leek (Wall Grange Pumping Stn.) ..	.. C. V. Brown, Esq. C.E. ..	5	1	0	456	34.7	27.44	173	123

§ Turf wall round gauge.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
STAFFORDSHIRE—(contd.)									
5.—TRENT. Dove—(contd.)									
d Leek (Westwood Park Avenue)	.. S. K. Peacock, Esq.	5	1	0	550	...	30.64	150	132
d Leek (Moorhill)	.. .. Lt.-Col. G. J. Worthington	5	1	0	680	37.2	32.81	187	152
D Leek (Tittesworth)	.. .. C. V. Brown, Esq., C.E.	5	1	0	657	38.1	32.11	182	142
M Leek (Withens, Upper Hulme)	.. J. A. Gilchrist, Esq.	5	1	1	1084	39.0	30.54	...	...
WORCESTERSHIRE. (Area, 732 sq. mi.)									
1.—SEVERN. Right Bank Tributaries. 222 sq. mi.									
D Upton-on-Severn (Berryfield House)	.. Dr. W. V. Naish	5	1	0	50	...	24.67	141	101
D Malvern (British Camp Reservoir)	.. Malvern U.D.C.	5	1	0	677	28.5	27.79	136	107
D MALVERN (Free Library)	.. .. Malvern U.D.C.	5	1	0	380	27.6	29.48	151	105
D West Malvern	.. .. Malvern U.D.C.	5	1	0	832	28.9	32.39	153	120
D Worcester (Diglis Lock)	.. .. British Waterways	5	0	7	48	24.7	24.93	141	112
d Shelsley Beauchamp	.. .. W. Lionel Moore, Esq.	5	0	9	132	...	29.14	...	...
D Ombersley (Holt Lock)	.. .. British Waterways	5	1	0	55	25.3	23.59	144	96
D Tenbury (Belle Vue)	.. .. Miss M. M. Lowe	5	1	0	315	26.3	29.12	160	121
D Bewdley (Ribbesford)	.. .. Camp Superintendent	5	1	0	516	...	29.44	154	116
2.—SEVERN. Left Bank Tributaries. 200 sq. mi.									
D WORCESTER (REDHILL)	.. .. Worcester A.E.C.	5	1	0	190	24.2	24.05	130	94
D Worcester (Waterworks)	.. .. City Engineer	5	1	0	57	23.2	25.81	141	101
D Worcester (Samuel Southall School)	.. Headmaster	5	1	0	147	...	24.51	140	105
D Worcester (Bevere Lock)	.. .. British Waterways	5	1	0	51	24.5	27.18	152	110
D DROITWICH (Sewage Works)	.. .. Boro. Engineer & Surveyor	5	1	0	106	25.4	21.70	140	97
D Bromsgrove (Tardebigge Reservoir)	.. .. British Waterways	5	1	0	455	27.5	22.51	161	124
D Bromsgrove (Sewage Disposal Works)	.. Bromsgrove U.D.C.	5	1	0	220	...	22.57	148	109
D Bromsgrove (Burcot Pumping Stn.)	.. F. H. Bullock, Esq.	5	1	0	432	...	25.01	149	116
d Barnt Green (Linthurst Road)	.. Miss M. Gibbins	5	1	0	650	29.4	27.14	156	122
D Stourport (Lincombe Lock)	.. .. British Waterways	5	1	0	62	25.6	25.02	...	105
D Bromsgrove (Washing Stocks P. S.)	.. F. H. Bullock, Esq.	5	1	0	366	...	24.82	143	115
d Bewdley (C.E. School)	.. .. P. H. Pritchard, Esq.	8	1	5	70	26.4	28.00	141	116
D Kidderminster (St. John's Avenue)	.. H. Hodgkinson, Esq.	5	1	0	250	...	25.59	142	107
d Kidderminster (Park Hall)	.. .. K. H. Wilson, Esq.	5	1	0	200	25.7	26.45	161	118
D Kidderminster (Wolverley Road)	.. R. D. M. Evers, Esq.	5	1	3	245	...	24.36	...	...
D Bewdley (Elan Aqueduct)	.. .. C. A. Risbridger, Esq., C.E.	5	1	0	91	26.7	27.70	155	118
D Clent Hall	.. .. Miss H. M. Wilson	5	1	0	600	...	28.91	176	119
d Wolverley (Hill House)	.. .. J. C. Wilson, Esq.	5	1	0	250	...	23.75	...	...
D Halesowen (Romsley)	.. .. R. A. Robertson, Esq., C.E.	5	1	0	616	30.6	30.57	142	113
d Halesowen (Hayley Green)	.. .. C. Roberts, Esq.	5	1	0	509	28.9	28.82	...	106
D Pedmore (Beckman Road)	.. .. A. Porter, Esq., B.Sc.	5	1	0	415	26.5	26.83	157	124
D Stourbridge (Pumping Station)	.. Stourbridge Drainage Board	8	1	0	212	27.1	30.68	163	119
D Wollaston (Wood Street)	.. .. H. Little, Esq.	5	1	0	275	...	26.26	150	116
D Wollaston (Coalburn Pumping Stn.)	.. J. S. Brown, Esq., M.I. Mun. E.	5	1	0	225	...	25.57	155	115
3.—SEVERN. Upper Avon. 251 sq. mi.									
D Bredon (Bredon House)	.. .. Col. M. F. Grant	5	1	1	120	24.5	23.46	154	110
d Broadway (Farncombe)	.. .. G. Pemberton, Esq.	5	0	5	750	27.5	21.86	...	...
D DEFFORD AIRFIELD	.. .. Meteorological Office	5	1	0	56	...	22.02	139	93
d Evesham (Bengeworth)	.. .. Ross Bros., Ltd.	5	1	0	128	22.9	19.99	135	101
D Evesham (Bretforton Manor)	.. .. H. Ashwin, Esq.	5	1	0	130	24.5	22.78	147	100
d Evesham (Sewage Works)	.. .. Borough Surveyor	5	1	9	85	22.6	20.61	...	98
D Evesham (High Street)	.. .. N. A. Field, Esq.	5	1	2	120	23.1	20.47	144	104

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain- fall	1955				
				Diam.	Height of Rim above Ground		Ground above Sea Level	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
WORCESTERSHIRE—(contd.)				in.	ft.	in.	ft.	in.			
3.—SEVERN. Upper Avon—(contd.)											
d	Evesham (Port Street)	W. J. Craven & Co. Ltd. ..	5	1	0	72	23·2	20·44	...	...
d	Pershore (Inst. of Horticulture) ..	Principal	5	0	9	120	...	21·94	131	97	
	Alcester (Cookhill)	T. Barber, Esq.	5	1	0	400	24·5	24·41	...	...
D	Redditch (Hewell Gardens)	Mr. F. Molyneux	5	1	0	469	27·7	23·10	161	124	
D	Bromsgrove (Brockhill Pumping Stn.)	F. H. Bullock, Esq.	5	1	0	439	...	25·71	151	118	
D	Bromsgrove (Lower Bittall Reservoir)	British Waterways	5	1	0	457	28·9	26·98	159	123	
4.—THAMES. Windrush & c. 3 sq. mi.											
5.—TRENT. Right Bank Tributaries. 56 sq. mi.											
D	Oldbury (Barnford Hill Park)	Borough Surveyor	5	0	9	607	29·6	28·31	149	118	
D	Dudley (Tipton Road)	Borough Engineer	8	1	0	490	...	25·43	154	119	
D	Dudley (Shavers End)	R. A. Robertson, Esq., C.E.	5	1	0	745	27·8	25·62	163	118	
WARWICKSHIRE. (Area, 944 sq. mi.)											
1.—SEVERN. Upper Avon. 640 sq. mi.											
d	Long Compton (Weston Park)	Mrs. H. B. Warriner	8	1	0	510	26·5	20·80	...	...
D	SHIPSTON-ON-STOUR (Compton Scorp.)	A. W. Beecham, Esq.	5	1	0	364	24·7	21·77	153	109	
d	||Tredington	Mrs. N. H. Walton	5	1	0	300	...	18·81	...	...
D	LUDDINGTON	Farm Director	5	1	0	138	23·2	19·09	149	96	
D	Stratford-on-Avon (Milcote)	P. C. Smart, Esq., C.E. ..	5	1	6	122	23·6	20·27	141	98	
D	Stratford-on-Avon (Thurlaston) ..	Miss M. A. Everard	5	1	0	135	24·2	20·77	160	99	
D	MORETON MORRELL	Institute of Agriculture ..	5	1	0	279	...	19·17	146	94	
d	Bidford (Moor Hall)	Miss M. R. Cubberley	5	1	0	200	24·0	20·14	...	102	
D	WELLESBOURNE	Director (Nat. Veg. Res. Stn.)	5	1	0	153	...	19·56	139	96	
d	Alcester (Surveyor's Office)	Alcester R.D.C.	8	1	6	140	24·5	20·97	143	96	
D	Alcester (Arrowside)	J. B. Shewell, Esq.	5	1	4	148	...	21·32	148	104	
D	Ashorne (Victoria Cottage)	G. T. Osborn, Esq.	5	1	0	150	24·7	18·74	148	99	
D	Stratford-on-Avon (Snitterfield) ..	P. C. Smart, Esq., C.E. ..	5	1	6	274	25·2	23·28	144	103	
D	Alcester (The Pleck)	Miss C. E. Chapman	5	0	10	250	24·4	22·09	149	104	
d	Southam (Banbury Road)	C. W. Arkell, Esq.	5	1	0	250	24·9	19·83	142	97	
D	Studley (Watts Road)	P. J. Harris, Esq.	5	1	0	250	...	24·69	158	109	
D	Studley College	Headmistress	5	0	9	256	25·1	22·69	141	105	
D	Warwick (Mill Street)	Mr. H. F. Smale	5	1	0	197	25·3	22·39	144	100	
d	Warwick (St. Nicholas Park)	Engineer and Surveyor ..	5	1	0	155	...	20·92	...	...
D	LEAMINGTON SPA (Pump Rm. Gdns.)	Medical Officer of Health ..	8	1	0	163	24·0	19·55	141	98	
d	Warwick (Hatton)	British Waterways	5	1	0	400	26·7	23·21	...	97	
D	Leamington Spa (Woodland Grange)	H. M. Blenkinsop, Esq. ..	8	1	0	200	25·3	21·53	140	101	
d	Dunchurch Hall	C. L. D. Fawcus, Esq. ..	5	1	1	400	24·6	21·00	...	95	
D	Kenilworth (U.D.C. Offices)	Surveyor	5	1	6	294	...	22·71	148	98	
D	Stretton-on-Dunsmore (Manor House)	Sir L. Lister-Kaye, Bt. ..	5	1	0	280	26·1	21·64	140	92	
D	Rugby (Bilton Grange)	Mr. L. W. Bass	5	1	0	400	25·0	20·81	144	106	
D	RUGBY (Lawrence Sheriff School) ..	G. H. Thompson, Esq. ..	5	1	0	385	25·6	19·82	...	...
D	Rugby (Avon Waterworks)	Borough Engineer	5	0	8	285	24·2	22·47	155	112	
D	Coventry (Whitley Pumping Station)	City Engineer, Coventry ..	8	1	0	238	...	25·68	139	112	
d	Coventry (Stoke)	E. H. Hodgkins, Esq. ..	5	1	0	267	24·8	25·29	...	106	
D	COVENTRY (City Hospital)	Medical Officer of Health ..	8	1	0	241	26·0	24·26	138	113	
d	Coventry (Belvedere Road)	H. G. Ellinger, Esq. ..	5	1	0	362	...	24·47	...	...
D	Nuneaton (Bedworth Waterworks) ..	Waterworks Manager ..	5	1	1	346	27·1	22·45	140	97	
2.—THAMES. Windrush & c. 2 sq. mi.											

|| Gauge over-sheltered.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in.	·04 in.
			Ground	Sea Level				or more	or more
WARWICKSHIRE—(contd.)		in.	ft.	in.	ft.	in.	in.		
3.—THAMES. Cherwell. 15 sq. mi.									
4.—TRENT. Right Bank Tributaries. 287 sq. mi.									
D Coventry (Balsall Common)	W. F. E. Seeley, Esq. ..	5	1	8	385	27·6	24·42	150	113
d Hampton in Arden (Eastcote)	J. H. Aston, Esq. ..	8	1	2	500	...	26·65	...	...
D Highters Heath Reservoir	C. A. Risbridger, Esq., C.E.	5	1	0	517	...	27·01	159	121
D Solihull (Station Road)	Engineer & Surveyor ..	5	1	0	424	...	26·09	150	114
D Halesowen (Frankley)	C. A. Risbridger, Esq., C.E.	5	0	10	571	30·7	26·24	157	120
D Northfield (Bartley Reservoir No. 1)	C. A. Risbridger, Esq., C.E.	5	1	0	600	30·6	30·66	166	121
D Bartley (Bromwich Wood)	C. A. Risbridger, Esq., C.E.	5	1	0	611	30·4	29·71	165	122
D ELMDON (Birmingham Airport) (+A)	Meteorological Office ..	5	0	11	324	25·2	25·40	149	109
D EDGBASTON (King Edwards School) ..	Meteorological Observer ..	5	1	0	450	...	25·80	152	115
D BIRMINGHAM (Edgbaston Observatory)	Birmingham & Midland Inst.	5	1	0	535	29·2	26·67	154	117
D Birmingham (Rotton Park)	British Waterways ..	5	1	0	477	...	25·66	144	115
D Birmingham (Stetchford)	Birmingham Drainage Board	5	1	3	302	...	23·61	161	119
D Birmingham (Handsworth)	D. M. Evans, Esq., F.R.Met.S.	5	1	0	469	...	26·22	162	119
D Birmingham (Saltley Sewage Works)	Birmingham Drainage Board	5	1	0	292	...	25·54	152	113
D Birmingham (Handsworth Park) (+A)	City Engineer & Surveyor	8	1	4	424	...	28·10	161	120
D Handsworth (Howard Road)	R. Westwood, Esq. ..	5	0	9	368	...	25·22	147	112
D Coleshill Works	Birmingham Drainage Board	5	1	0	238	...	23·54	149	108
D Whitacre (Birmingham Waterworks)	C. A. Risbridger, Esq., C.E.	5	1	0	269	26·0	23·66	159	109
D Birmingham (Erdington)	C. A. Risbridger, Esq., C.E.	5	1	0	442	...	24·86	178	116
D B'gham (Erdington, Spring La.) (+A)	City Engineer & Surveyor	8	1	0	386	...	24·77	162	119
D Minworth Greaves	Birmingham Drainage Board	5	1	0	258	24·3	24·66	151	114
D Nuneaton (Pumping Station)	G. Ashton, Esq., C.E. ..	5	1	3	269	...	25·27	151	106
d Sutton Coldfield (Maney)	J. S. Matthewman, Esq. ..	5	0	9	400	...	26·90	...	...
D Perry Barr Reservoir	C. A. Risbridger, Esq., C.E.	5	1	0	515	...	25·79	159	119
d Nuneaton (Hartshill Sewage Works) ..	G. Ashton, Esq., C.E. ..	5	1	2	288	...	22·29	...	102
d Hartshill (Maintenance Depot)	British Waterways ..	5	3	0	304	...	23·71	...	...
d Sutton Coldfield (The Park)	Borough Surveyor ..	5	1	0	370	26·4	24·46	...	100

DIVISION VII—NORTH MIDLAND COUNTIES

LEICESTERSHIRE. (Area, 824 sq. mi.)

1.—SEVERN. Upper Avon. 41 sq. mi.

D South Kilworth (Stanford Reservoir)	Borough Engineer ..	5	0	8	367	26·5	20·13	177	112
d Welford Reservoir	British Waterways ..	5	2	0	425	25·1	23·54	...	112
d North Kilworth (Waterworks)	Market Harborough U.D.C.	5	1	0	490	...	20·41	...	107
d Lutterworth (Waterworks)	Surveyor ..	8	1	9	365	25·9	21·84	138	106

2.—WELLAND. 96 sq. mi.

d Market Harborough (Nithsdale Ave.)	Mrs. Heggs ..	5	1	2	230	...	21·65	...	103
d Market Harborough (Coventry Road)	G. C. Wooldridge, Esq. ..	5	1	0	270	...	20·12	146	105
D Market Harborough (Grammar Sch.)	Headmaster ..	5	1	2	345	...	20·31	142	96
D Kibworth Harcourt	Major A. E. Briggs ..	8	1	2	408	...	23·05	147	106
D Caldecott (Eye Brook Reservoir) (+A)	Corby & District Water Co.	8	1	3	187	23·8	19·85	139	104

3.—WITHAM. 7 sq. mi.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
LEICESTERSHIRE—(contd.)									
4.—TRENT. Right Bank Tributaries. 680 sq. mi.									
D Frolesworth	W. P. Widdowson, Esq. ..	5	1	0	370	25·3	23·07	165	106
D Hinckley (Bowling Green Road) ..	S. Webster, Esq. ..	5	1	0	400	26·2	23·68	150	114
d Hinckley (Woodland Road) ..	L. L. Muston, Esq. ..	8	1	2	400	...	21·45	...	99
d Wistow Hall Gardens ..	Lord Cottesloe, C.B. ..	5	1	0	309	23·6	21·00	...	101
D Countesthorpe (Wigston Sewage Fm.)	Surveyor ..	8	0	9	257	22·8	21·78	151	112
D Leicester (Stoughton Drive North) ..	M. Murray, Esq. ..	5	1	0	240	...	23·83	150	109
D ||Leicester (De Montfort Square) (+A)	City Engineer ..	5	1	0	250	...	21·04	147	106
D Leicester (Hinckley Road Nurseries) ..	E. A. Bonser, Esq. ..	5	1	0	212	...	21·49	147	106
D Leicester (Woodville Road) ..	E. A. Bonser, Esq. ..	5	1	0	200	...	21·74	150	107
D LEICESTER (TOWERS Hospital) ..	Management Committee ..	8	1	0	266	24·2	27·50	161	116
D Leicester (Gilroes Cemetery) ..	City Engineer ..	5	1	0	294	...	23·67	137	106
D Market Bosworth (Grammar School)	Headmaster ..	5	1	0	420	...	19·76	147	106
D Osbaston Hall ..	Sir Thomas Cope, Bart. ..	5	1	0	390	...	21·99	147	110
d Lowesby Hall Gardens ..	Head Gardener ..	5	0	9	500	26·3	21·36	...	...
D Thornton Reservoir ..	Leicester Waterworks ..	8	1	2	370	26·2	23·43	133	108
D Cropston Reservoir ..	Leicester Waterworks ..	8	1	0	245	27·2	25·68	157	115
D Barkby Hall ..	Victor R. Pochin, Esq. ..	5	1	0	227	24·5	23·08	139	92
D Melton Mowbray (Somerby Grove) ..	R. J. Oliver, Esq. ..	5	1	0	601	...	24·20	164	119
D Ulverscroft (Chitterman House) ..	C. Booth, Esq. ..	5	0	11	666	...	25·99	170	114
D Netherseal (Chilcote) ..	R. A. Robertson, Esq., C.E. ..	5	1	0	240	...	22·22	138	99
D Swithland Reservoir ..	Leicester Waterworks ..	8	1	0	171	26·0	27·56	150	115
d Melton Mowbray (White Lodge) ..	H. K. Barker, Esq. ..	5	1	0	237	22·9	20·14	...	...
D Charnwood Forest (Blackbrook Res.)	Borough Surveyor ..	5	1	0	379	26·4	27·25	136	120
D Loughborough (Nanpantan Res.)(+A)	Borough Surveyor ..	5	1	0	269	26·1	25·69	133	102
D Loughborough (Fairmount Drive) ..	B. N. Wale, Esq., B.Sc. ..	5	1	0	210	...	23·25	138	97
d Loughborough (Sewage Farm) ..	Borough Surveyor ..	8	1	0	135	23·1	25·57	...	...
Scalford ..	Melton Mowbray U.D.C. ..	8	0	10	343	...	22·60	...	...
D Waltham-on-the-Wolds ..	V. E. Higgins, Esq. ..	5	1	1	570	...	21·20	164	112
RUTLAND. (Area, 152 sq. mi.)									
1.—WELLAND. 125 sq. mi.									
d Uppingham (Seaton Mill) ..	Welland River Board ..	5	0	11	150	...	19·62	...	100
D Ketton ..	Mrs. K. Burroughes ..	5	1	0	106	...	22·86	153	103
d Oakham ..	County Agric. Committee*	5	0	11	350	...	23·25	...	...
2.—WITHAM. 5 sq. mi.									
3.—TRENT. Right Bank Tributaries. 22 sq. mi.									
LINCOLNSHIRE. (Area, 2,645 sq. mi.)									
1.—NENE. 99 sq. mi.									
D Tydd (North Level Sluice) ..	Mr. S. Watson ..	5	1	0	10	23·3	20·51	181	104
d Sutton St. James (Clifton's Bridge) ..	S. Holland Drainage Board ..	5	1	0	8	...	17·26	...	...
D Sutton Bridge ..	S. Holland Drainage Board ..	5	1	0	21	...	19·01	142	108
d Sutton Bridge (Wingland Grange) ..	A. H. Cooke, Esq. ..	5	1	0	12	...	17·40	...	...
d Spalding (Weston St. Mary) ..	S. Holland Drainage Board ..	5	1	0	10	...	18·14	...	...
2.—WELLAND. 341 sq. mi.									
d Stamford (St. George's Square) ..	Dr. E. C. Till ..	5	1	0	90	...	19·19	...	...
D Market Deeping (Wilsthorpe) ..	L. H. Robjohn, Esq., M.B.E. ..	8	1	0	51	...	18·10	128	86
D Deeping St. Nicholas ..	T. R. Pick, Ltd. ..	5	0	9	13	...	19·18	136	99

* Per Welland River Board.

|| Gauge over-sheltered.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
LINCOLNSHIRE—(contd.)									
2.—WELLAND—(contd.)									
D Spalding (Pode Hole)	S. Holland Drainage Board	8	1	3	12	23.5	20.53	184	101
d Spalding (Grammar School) ..	Headmaster	5	1	0	13	...	18.58	128	90
D Bourne (Guthram)	L. I. Clark, Esq., C.E. ..	5	1	0	15	...	18.26	132	87
D Holbeach (Manor Farm)	F. H. Bowser, Esq. ...	5	1	0	10	...	17.93	130	97
D Holbeach (Willow Tree Farm) ..	F. H. Bowser, Esq. ...	5	2	1	10	...	16.91	118	93
D Corby (Irnham Hall)	Welland River Board ..	5	1	0	200	...	21.89	121	102
3.—WITHAM & C. 1,085 sq. mi.									
D Denton	Culverthorpe Dairy Farms	5	1	6	300	...	23.19	143	109
d Billingham	N. Hodgkinson, Esq. ..	5	0	10	50	...	21.18	...	...
D Grantham (Saltersford Pump Stn.)	Manager	5	0	6	188	...	23.83	157	104
d Kirton	W. Dennis & Sons, Ltd. ..	5	1	0	12	22.4	21.45	146	104
D Culverthorpe Hall	Lt.-Col. F. E. S. Bowlby, M.C.	5	1	2	116	...	21.30	...	...
D Wyberton (Tytton Hall)	L. I. Clark, Esq., C.E. ..	5	1	0	10	...	21.50	139	104
d Wyberton (Slippery Gowt Farm)	J. T. Cannon, Esq. ...	5	1	0	10	...	20.45	...	...
D Boston (Black Sluice, Skirbeck) ..	F. H. Tomes, Esq. ...	8	1	3	11	22.8	20.74	155	103
D Boston (Cooks Lock)	L. I. Clark, Esq., C.E. ..	5	1	6	11	...	20.41	147	95
D Boston (Church Road Pump. Stn.) (+A)	Borough Surveyor	5	1	0	8	...	20.34	142	101
D BOSTON (Freiston Road)	N. H. Middlebrook, Esq. ..	5	1	0	16	...	20.86	154	102
D Boston (Grand Sluice)	F. H. Tomes, Esq. ...	8	0	9	17	...	19.99	150	99
D Boston (Cowbridge)	G. E. Buchner, Esq., C.E. ..	5	1	0	9	...	20.22	142	98
D Old Leake (Leverton)	G. E. Buchner, Esq., C.E. ..	5	1	3	10	...	19.94	141	90
D CRANWELL Airfield (+A)	Meteorological Office ..	8	1	0	203	23.2	20.42	147	85
d Carrington (Hakerley Bridge Farm)	T. R. Pick, Ltd.	5	1	0	12	...	20.82	124	97
d Ruskington	B. E. Brighton, Esq. ...	5	1	7	30	...	19.97	...	...
D Sibsey (Main Road)	T. H. Allewell, Esq. ...	5	1	0	20	...	21.36	158	100
D New Leake (Lade Bank Engine)	G. E. Buchner, Esq., C.E. ..	5	1	3	13	...	19.39	137	93
d Carrington Grange	J. Ward, Esq. ...	5	4	0	15	...	21.30	...	101
D Wellingore (The Gardens)	A. Calder, Esq. ...	5	2	0	240	...	21.15	...	...
D East Kirkby Manor	Capt. R. S. Fieldsend ..	5	1	0	35	25.2	22.71	151	107
D Revesby Reservoir	D. H. Ball, Esq. ...	5	2	0	124	24.5	23.37	151	109
d Woodhall Spa (Waterworks) ..	Clerk to the Council ..	5	1	6	45	...	19.34	...	...
D Potterhanworth (Old Hall)	T. H. N. Battle, Esq. ...	5	0	10	50	...	22.48	151	104
D Horncastle	F. J. Harvey, Esq. ...	5	1	0	120	...	20.62	136	95
D HORNCASTLE (Edlington Hall) ..	R. J. Blakeborough, Esq. ..	5	1	0	205	...	22.04	151	101
d Lincoln (Brant Road)	Messrs. Pennell & Sons, Ltd.	8	1	0	34	...	(19.17)	...	...
D Lincoln (Boultham Pumping Station)	J. Barnatt, Esq., C.E. ...	5	1	6	18	...	17.82	143	93
D Bardney (Sugar Factory)	British Sugar Corp., Ltd. ..	5	1	0	17	...	20.99	139	97
D Lincoln (Skellingthorpe Hall) ..	Mrs. Bergne-Coupland ..	5	1	0	40	23.1	18.36	139	93
D LINCOLN (West Common) (+A)	City Engineer & Surveyor ..	5	1	0	25	...	18.47	147	88
D Lincoln (Burton Road)	G. W. Valley, Esq. ...	5	1	6	250	...	20.32	158	98
d Lincoln (Reephram)	Miss A. M. Scorer	5	1	0	60	...	18.71	...	...
D Lincoln (Saxilby)	J. Barnatt, Esq., C.E. ...	5	1	6	25	...	19.41	155	94
D Dunholme (Field Station)	Dr. R. Hull	5	0	9	100	...	19.05	153	98
D Hackthorn Hall	Lt.-Col. W. Cracroft-Amcotts	5	4	10	102	...	21.54	163	110
4.—GREAT EAU & C. 443 sq. mi.									
d Eastville	G. E. Buchner, Esq., C.E. ..	5	1	3	3	...	20.71	...	...
d Firsby	G. E. Buchner, Esq., C.E. ..	5	1	0	26	...	21.78	...	...
D SKEGNESS (Marine Gardens)	Surveyor	5	1	0	15	23.3	21.30	146	86
D Hagworthingham (Manor House)	G. W. Clark, Esq. ...	5	1	0	200	...	22.09	157	92
D Spilsby (Fordington Waterworks)	D. H. Ball, Esq. ...	5	1	6	180	...	25.12	147	103
D Chapel St. Leonards (Pumping Stn.)	Alford Drainage Board ..	5	1	0	10	...	21.54	136	101
D Anderby (Pumping Station)	Alford Drainage Board ..	5	1	0	9	...	20.04	132	90
d Withern (Pumping Station)	Alford Drainage Board ..	5	1	0	32	...	23.16	...	103

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in.	·04 in.
			Ground	Sea Level				or more	or more
LINCOLNSHIRE—(contd.)									
		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>in.</i>		
4.—GREAT EAU & C.—(contd.)									
D MANBY Airfield	(+A) Meteorological Office ..	5	1	0	55	...	21·45	146	92
D Wold Newton Manor	W. Maurice Wright, Esq. ..	5	1	6	230	...	23·52	162	103
D Grainthorpe (County School) ..	Headmaster	5	1	0	9	...	20·01	143	95
d North Cotes	Raymond Caudwell, Ltd.	5	1	0	10	...	20·94	...	...
5.—HUMBER. Right Bank Tributaries. 428 sq. mi.									
D Claxby (Osgodby)	Lincolnshire River Board ..	5	1	0	70	...	18·58	160	95
d Brigg (Scawby Hall)	Col. O. S. Nelthorpe, C.B.E.	5	1	0	40	...	21·17	...	102
D Brigg (Sugar Factory)	British Sugar Corp'n. Ltd. ..	5	1	0	134	...	21·44	165	99
D Brigg (Wrawby Road)	A. R. Haynes, Esq. ...	5	1	1	22	24·8	19·91	147	97
D Cleethorpes (Outfall Pumping Stn.) ..	Borough Engineer	8	1	0	25	...	20·34	141	89
D Cleethorpes (Sydney Park)	Borough Engineer	8	1	0	11	...	18·34	149	84
D CLEETHORPES (Kings Parade)	Borough Engineer	5	1	0	23	24·0	21·40	138	96
D Grimsby (Little Coates Pumping Stn.)	Engineer & Manager	5	1	0	14	...	20·07	152	98
D Brocklesby Park	Head Gardener	5	1	9	50	...	19·72	140	104
D Immingham (Compressor Station) ..	Grimsby R.D.C.	5	1	1	13	...	18·73	146	90
D Normanby	Major E. C. R. Sheffield ..	5	1	0	185	...	21·38	137	94
D Ferriby Sluice	K. Straw, Esq.	5	1	0	18	...	18·41	124	89
6.—TRENT. Right Bank Tributaries. 172 sq. mi.									
d Woolsthorpe	British Waterways	5	1	3	182	...	21·22	...	...
d Torksey (Pumping Station)	R. Spencer, Esq., M. B. E. ...	8	1	6	16	...	17·50	...	88
d Gate Burton Hall	Mr. G. Hancock	5	4	0	97	...	18·73	...	...
7.—TRENT. Left Bank Tributaries. 77 sq. mi.									
d Wroot (S. Level Pumping Station) ..	Trent River Board	5	1	6	7	...	18·19	...	...
D West Butterwick (Croft House) ..	West Butterwick Drain. Bd.	5	1	0	20	...	20·08	130	97
d Crowle (N. Level Pumping Station) ..	Trent River Board	5	2	0	10	...	17·79	...	92
D Keadby (Pumping Station)	Trent River Board	5	1	0	20	...	20·10	133	97
NOTTINGHAMSHIRE. (Area, 843 sq. mi.)									
1.—WITHAM. 10 sq. mi.									
2.—TRENT. Right Bank Tributaries. 218 sq. mi.									
D SUTTON BONINGTON	Univ. of Nottingham, Sc. of Ag.	5	1	0	157	21·7	21·09	140	91
d Kegworth (Kingston Hall)	Lord Belper	5	1	0	130	...	23·98	...	101
d Nottingham (Wilford Hill Reservoir)	B. W. Davies, Esq., C.E. ..	8	1	0	295	23·1	20·37	...	...
d West Bridgford	Engineer & Surveyor	5	1	0	80	...	20·84	...	...
D Newark (The Friary)	W. P. Shewell, Esq., C.E. ..	5	2	0	48	23·4	21·72	149	95
3.—TRENT. Derwent. 2 sq. mi.									
4.—TRENT. Erewash. 42 sq. mi.									
D Nottingham (Strelley)	Miss Edge	8	1	0	396	26·2	21·89	144	106
D Nottingham (STRELLEY Hall)	Miss Edge	5	1	0	378	...	21·74	143	102
D Eastwood (Waterworks)	B. W. Davies, Esq., C.E. ..	8	1	3	243	25·9	24·02	157	117
d Eastwood Hall	National Coal Board	5	0	6	218	...	24·18	144	109
D Eastwood (Moorgreen Reservoir) ..	British Waterways	5	2	0	301	27·4	24·54	139	107
5.—TRENT. Left Bank Tributaries. 569 sq. mi.									
d Beeston (Standards Laboratory) ..	Boots Pure Drug Co. ..	5	1	6	85	...	21·27	...	...
d Beeston (Council Depot)	G. C. Hardy, Esq.	8	1	7	97	24·5	19·90	...	...

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in.	·04 in.
			Ground	Sea Level				or more	or more
		in.	ft.	in.	ft.	in.	in.		
NOTTINGHAMSHIRE—(contd.)									
5.—TRENT. Left Bank Tributaries—(contd.)									
D Beeston (Bramcote Drive)	H. E. Sansom, Esq. ..	5	0	10	149	...	23·47	149	109
d Bramcote Reservoir	B. W. Davies, Esq., C.E. ..	8	1	0	327	...	22·49	...	...
D Lenton (Experimental Station) ..	Boots Pure Drug Co. ..	5	1	0	160	...	21·63	135	102
D Nottingham (Sneinton Pump.Stn.)(+A)	City Engineer & Surveyor ..	8	1	0	83	22·5	21·00	138	94
D ||NOTTINGHAM (The Castle)	City Engineer & Surveyor ..	8	1	0	192	23·6	19·83	121	93
d Nottingham (Colwick Sugar Factory)	British Sugar Corpn. Ltd. ..	5	0	9	70	...	21·54	...	...
d Nottingham (Colwick Hill Reservoir)	B. W. Davies, Esq., C.E. ..	8	1	0	314	...	20·26	...	...
D Nottingham (Stoke Bardolph) ..	City Engineer & Surveyor ..	8	1	0	66	22·6	21·17	132	94
D Nottingham (Basford Waterworks) ..	B. W. Davies, Esq., C.E. ..	8	1	0	168	24·0	22·18	149	102
D Burton Joyce (Waterworks)	B. W. Davies, Esq., C.E. ..	8	1	0	65	25·2	23·09	147	106
D Nottingham (Woodthorpe)	A. B. Tinn, Esq., F.R.Met.S. ..	5	1	0	225	24·0	22·48	153	103
d Daybrook (Red Hill Reservoir) ..	B. W. Davies, Esq., C.E. ..	8	1	0	403	25·7	21·69	...	...
d Daybrook (Ramsdale Hill Reservoir)	B. W. Davies, Esq., C.E. ..	8	1	0	503	28·1	23·43	...	...
D Bulwell Hall Park	City Engineer & Surveyor ..	8	1	0	252	27·3	23·78	124	98
D WATNALL (+A)	Meteorological Office ..	5	1	0	366	26·9	22·96	144	101
D Papplewick (Waterworks)	B. W. Davies, Esq., C.E. ..	8	1	0	317	26·5	23·96	150	102
D Southwell (The Nurseries)	H. Merryweather & Sons Ltd. ..	5	1	0	125	...	22·96	153	105
d Blidworth (Silverland Farm)	G. H. Milner, Esq. ..	5	1	0	400	...	22·72	...	...
d Sutton-in-Ashfield (Rushley Pump.Stn.)	P. W. Berridge, Esq. ..	5	1	0	425	27·1	22·16	...	94
D Sutton-in-Ashfield (Sewage Wks.)(+A)	A. G. Dunks, Esq. ..	5	1	0	455	28·9	23·73	152	106
D Mansfield (Rainworth Waterworks) ..	Engineer & Manager ..	5	0	9	349	26·8	22·89	154	105
D Bilsthorpe (Rufford Pumping Station)	B. W. Davies, Esq., C.E. ..	8	1	0	277	...	21·86	155	95
D MANSFIELD (Carr Bank)	Borough Surveyor ..	8	0	10	357	27·9	23·86	135	92
D Clipstone (Waterworks)	Engineer & Manager ..	8	1	0	228	24·9	23·55	151	104
d Edwinstowe (Laboratory)	National Coal Board ..	5	1	0	215	...	20·80	...	...
D Ollerton (Boughton Waterworks) ..	B. W. Davies, Esq., C.E. ..	8	1	0	141	24·0	20·94	130	89
D Budby (Pumping Station)	Engineer, Meden Valley W.W. ..	5	1	0	160	...	20·68	135	98
D WARSOP (GLEADTHORPE E.H. FARM) ..	Director ..	5	1	0	150	24·3	20·66	144	95
d Welbeck Abbey	The Duke of Portland ..	5	1	0	196	...	22·67	...	103
d Elkesley (Pumping Station)	Lincoln Waterworks ..	5	1	0	120	23·2	21·10	...	...
D Worksop (Bracebridge Sewage Works)	C. O. Allsopp, Esq. ..	8	1	0	97	23·9	18·98	142	91
d Worksop (Osberton Gardens)	Capt. E. W. S. Foljambe ..	5	1	6	85	22·8	20·09	...	...
D Worksop (Sunnyside Waterworks) ..	C. O. Allsopp, Esq. ..	8	1	0	245	...	19·57	163	86
d Retford (Sewage Disposal Works) ..	Borough Surveyor ..	5	1	0	74	...	18·36	147	92
d Retford (Babworth Hall)	Maj.-Gen. Sir John Whitaker ..	5	1	3	98	22·9	19·09	151	95
D Worksop (Wigthorpe Hill)	R. C. P. Ramsden, Esq. ..	5	1	0	100	23·3	19·66	138	94
6.—OUSE. Don. 2 sq. mi.									
DERBYSHIRE. (Area, 1,017 sq. mi.)									
1.—MERSEY, UPPER. 93 sq. mi.									
M \$Buxton (Berry Clough)	Stockport Corporation W.W. ..	5	1	0	1550	...	45·75	...	...
D \$Buxton (Goytsclough)	Stockport Corporation W.W. ..	5	1	0	1175	52·8	44·52	177	160
D \$Buxton (Goytshead)	Stockport Corporation W.W. ..	5	1	0	925	49·1	41·22	181	155
M \$Buxton (Longhill)	Stockport Corporation W.W. ..	5	1	0	1390	48·8	43·34	...	...
M Buxton (Embridge)	Stockport Corporation W.W. ..	5	1	0	1430	48·9	42·16	...	...
D \$Fernilee (Upper Hall)	Stockport Corporation W.W. ..	5	1	0	940	44·9	36·50	174	144
D \$Taxal (Oldfield)	Stockport Corporation W.W. ..	5	1	0	820	45·4	38·19	175	144
M \$Taxal (Blackhillgate)	Stockport Corporation W.W. ..	5	1	0	1190	43·5	34·85	...	...
D CHAPEL-EN-LE-FRITH	Ferodo Ltd. ..	5	1	0	728	...	31·92	172	137
\$Hayfield (Upper Sett)	Stockport Corporation W.W. ..	5	1	0	1420	49·5	39·38	...	...
\$Hayfield (Oaken Clough)	Stockport Corporation W.W. ..	5	1	0	1250	43·9	33·07	...	...
\$Hayfield (Tunstead Clough)	Stockport Corporation W.W. ..	5	1	0	1125	43·3	32·86	...	...

|| Site unorthodox.

§ Turf wall round gauge.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
DERBYSHIRE—(contd.)									
1.—MERSEY. Upper—(contd.)									
§Hayfield (Kinder Source)	Stockport Corporation W.W.	5	1	0	2050	60.5	51.03	...	...
D §Hayfield (Kinder Filters) .. (+A)	Stockport Corporation W.W.	5	1	0	800	45.5	34.83	196	146
D §Hayfield (Hollin Head)	Stockport Corporation W.W.	5	1	0	950	49.8	40.14	197	150
§Hayfield (Middle Moor)	Stockport Corporation W.W.	5	1	0	1170	45.7	37.87	...	...
Hayfield (Sandy Heys)	Stockport Corporation W.W.	5	1	0	2040	56.7	50.05	...	...
M §Hayfield (Mill Hill)	Stockport Corporation W.W.	5	1	0	1625	47.0	(40.75)	...	...
D Glossop Waterworks (Swineshaw) ..	Borough Surveyor	5	3	0	733	43.2	32.62	179	138
M §Torside (Clough Edge)	Manchester Corp. W.W. ..	5	1	0	1452	50.9	39.88	...	...
M §Bleaklow Hill (Dowstone Rocks) ..	Manchester Corp. W.W. ..	5	1	0	1718	...	42.98	...	...
M §Bleaklow Hill (Far Black Clough) ..	Manchester Corp. W.W. ..	5	1	0	1683	56.7	43.17	...	...
2.—MERSEY. Weaver. 2 sq. mi.									
w Buxton (Portobello Bar)	Borough Engineer	8	1	0	1600	55.9	44.90	...	...
3.—TRENT. Right Bank Tributaries. 68 sq. mi.									
d Church Gresley (Maurice Lea Park) ..	Swadlincote U.D.C. ..	5	1	0	400	...	21.43	...	...
d Repton (Greenshot)	Miss M. W. Bromley ..	5	0	10	230	...	24.38	...	...
D Stanton-by-Bridge (Waterworks) ..	Long Eaton U.D.C. ..	8	1	2	144	24.2	24.62	165	105
4.—TRENT. Dove. 156 sq. mi.									
D Tutbury (Foston)	Trent River Board	5	1	0	178	...	24.17	160	114
d Rodsley (Pumping Station)	Engineer	5	1	0	415	29.7	27.82	...	...
5.—TRENT. Left Bank Tributaries. 84 sq. mi.									
D SHARDLOW HALL	Provincial Director, N.A.A.S.	5	1	0	110	...	23.54	152	105
D Etwall (Blakeley Lodge)	C. H. Hawley, Esq. ..	5	1	4	189	24.1	21.47	135	110
D Etwall (Sewage Farm)	Boro. Engineer & Surveyor	5	1	8	201	25.2	23.27	146	122
D Chesterfield (Whaley Well)	Engineer & Manager ..	8	1	2	337	...	22.77	152	102
6.—TRENT. Derwent. 426 sq. mi.									
D Derby (Osmaston)	Borough Engineer	5	1	0	210	...	24.18	139	103
D Derby (Littleover Crescent)	M. Matthews, Esq. ..	5	1	0	230	...	22.78	156	103
D Spondon (Derby Sewage Works) ..	Borough Engineer, Derby ..	5	1	3	135	25.5	21.21	142	100
d Derby (Railway)	British Railways	5	1	0	156	25.1	23.99	...	...
D Derby (Markeaton Park)	Borough Engineer	5	1	6	190	...	23.36	149	111
d Breadsall Priory	E. S. Haslam, Esq. ..	5	1	6	370	...	23.74	...	105
D MORLEY (Derbyshire Farm Institute)	Warden	8	1	0	350	...	23.22	141	102
d Ambergate Reservoir	No. 61 Derwent Valley Water Bd.	5	1	0	646	...	30.88	...	...
D WIRKSWORTH (West End)	Alan D. G. Smith, Esq. ..	5	1	0	560	...	30.98	164	119
d Wirksworth (Wash Green)	Water Superintendent ..	5	1	0	738	...	28.29	...	114
D Whatstandwell (Meerbrook Sough) ..	Ilkeston & Heanor Water Bd.	5	1	0	245	33.6	30.28	156	119
d Brackenfield (Lindway Reservoir) ..	F. P. Walters, Esq. ..	8	1	6	595	31.9	29.77	177	123
d Clay Cross (Press Reservoirs) ..	P. Hothersall, Esq., M.B.E.	8	1	0	810	31.7	24.26	...	104
D Chatsworth Gardens	Head Gardener	5	1	0	436	34.7	26.03	165	118
D Buxton (Stanley Moor)	Borough Engineer	8	1	0	1340	52.1	44.12	213	162
w Buxton (Burbage Edge)	Borough Engineer	8	1	0	1400	52.8	42.34	...	...
D Buxton (Ashwood Dale Sewage Works)	Manager	5	2	9	917	...	38.32	209	151
D BUXTON (Terrace Slopes)	Town Clerk	8	1	0	1007	48.4	40.81	207	157
Buxton (Green Fairfield)	No. 115 Derwent Valley Water Board	5	1	0	1120	...	(37.76)	...	...
Wormhill (Hargate Wall)	No. 109 Derwent Valley Water Board	5	1	0	1140	...	35.59	...	...
Tideswell	No. 111 Derwent Valley Water Board	5	1	0	1000	...	33.51	...	...
Tideswell (Wheston)	No. 112 Derwent Valley Water Board	5	1	0	1140	...	33.65	...	...
Tideswell (Stanley Lodge)	No. 114 Derwent Valley Water Board	5	1	0	910	...	32.42	...	...
Peak Forest (Middle Hill)	No. 104 Derwent Valley Water Board	5	1	0	1080	...	(34.39)	...	...
Peak Forest (White Rake)	No. 110 Derwent Valley Water Board	5	1	0	1220	...	36.05	...	...

§ Turf wall round gauge.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES		Rain-gauge				Average Rain- fall	1955		
				Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
				in.	ft.	in.	ft.	in.	in.		
DERBYSHIRE—(contd.)											
6.—TRENT. Derwent—(contd.)											
	Buxton (Dove Holes) ..	No. 103	Derwent Valley Water Board	5	1	0	1095	...	36·99	...	...
d	Peak Forest ..	No. 100	Derwent Valley Water Board	8	1	0	1050	...	35·95	...	...
	Peak Forest (Sparrow Pit)	No. 102	Derwent Valley Water Board	5	1	0	1200	...	36·48	...	...
	Peak Forest (Eldon Hill)	No. 113	Derwent Valley Water Board	5	1	0	1350	...	(36·79)	...	...
	Bradwell (Paradise Farm)	No. 108	Derwent Valley Water Board	5	1	0	1060	...	35·64	...	...
	Castleton (Rowter Farm)	No. 105	Derwent Valley Water Board	5	1	0	1395	...	36·63	...	...
	Rushup Edge ..	No. 101	Derwent Valley Water Board	5	1	0	1245	...	40·22	...	...
D	Bamford (Engineer's Office)	No. 60	Derwent Valley Water Board	8	1	0	509	37·8	34·26	178	132
D	§Bamford Filters ..	No. 70A	Derwent Valley Water Board	8	1	0	660	39·1	34·50	188	137
d	Grindleford (The Grange) ..	..	C. A. Whittington-Smith, Esq.	5	0	8	550	...	30·91	...	...
D	Holmesfield (Barbrook Reservoir) ..	P. Hothersall, Esq., M.B.E.	8	1	0	1080	35·6	28·33	194	133	
	Holmesfield (White Edge) ..	..	Sheffield Corporation W.W.	5	1	0	1209	...	33·58	...	...
D	Burbage (Lower Burbage) ..	(+A)	Sheffield Corporation W.W.	8	1	0	924	36·2	32·70	207	131
d	Hope (Cement Works) ..	..	G. & T. Earle Ltd.	5	1	0	580	...	33·53	...	131
D	Hope (Killhill Bridge) ..	No. 56B	Derwent Valley Water Board	5	0	9	560	40·4	33·51	197	137
	Dalehead ..	..	No. 97	Derwent Valley Water Board	5	1	0	1030	...	41·42	...
	Stanage (Redmires) ..	..	..	5	1	0	1395	41·7	36·59	...	...
d	Bamford (Yorkshire Br. Weir)	No. 59B	Derwent Valley Water Board	5	1	0	560	36·7	35·50	...	...
M	Grain Clough ..	No. 96A	Derwent Valley Water Board	5	1	0	999	...	38·39	...	...
d	Edale Mill ..	..	No. 84	Derwent Valley Water Board	5	1	0	725	...	39·81	144
	Jacob's Ladder ..	..	No. 96	Derwent Valley Water Board	5	1	0	1115	...	45·48	...
	Edale End ..	..	No. 83	Derwent Valley Water Board	5	1	0	632	...	36·65	...
	Grindslow ..	..	No. 94	Derwent Valley Water Board	5	1	0	940	...	43·89	...
	Crook Hill ..	..	No. 92	Derwent Valley Water Board	5	1	0	1100	...	37·59	...
	Ladybower ..	..	No. 73	Derwent Valley Water Board	5	1	0	985	...	37·82	...
w	Grimbocar ..	..	No. 90	Derwent Valley Water Board	5	1	0	700	...	40·99	...
	Nether Moor ..	..	No. 93	Derwent Valley Water Board	5	1	0	1460	...	43·90	...
	Hagg Farm ..	..	No. 81	Derwent Valley Water Board	8	1	0	700	...	40·99	...
	§Blackdean Brook ..	..	No. 89	Derwent Valley Water Board	5	1	0	1070	...	45·99	...
d	River Ashop (Weir) ..	No. 80A	Derwent Valley Water Board	5	1	0	795	...	42·31	...	...
D	Fairholmes (Nursery) ..	No. 26A	Derwent Valley Water Board	5	1	0	685	42·8	41·54	202	151
	Nether Seal Clough ..	No. 79B	Derwent Valley Water Board	5	1	0	1320	...	40·40	...	...
	§Nether Red Clough ..	No. 78	Derwent Valley Water Board	5	1	0	1370	...	42·94	...	...
w	Mill Brook ..	..	No. 91	Derwent Valley Water Board	5	1	0	770	...	38·43	...
	§Ashop Head ..	No. 43A	Derwent Valley Water Board	5	1	0	1670	...	44·07	...	...
	Ouzelden Clough ..	..	No. 75	Derwent Valley Water Board	5	1	0	885	...	42·91	...
	§Urchin Clough ..	..	No. 88	Derwent Valley Water Board	5	1	0	1190	...	41·99	...
	Alport Moor (Alport Castles)	No. 82	Derwent Valley Water Board	5	1	0	975	...	38·80	...	...
w	Derwent Dale (Birchinlee) ..	No. 23	Derwent Valley Water Board	8	1	0	890	50·3	41·05	...	...
	§Lady Clough Moor ..	No. 41B	Derwent Valley Water Board	5	1	0	1720	...	45·06	...	...
	§Featherbed Top ..	No. 77	Derwent Valley Water Board	5	1	0	1665	...	46·14	...	...
D	Derwent Dale (Howden Dam)	No. 17	Derwent Valley Water Board	8	1	0	845	47·7	40·88	205	153
w	§Derwent Dale (Ridge Farm)	No. 13A	Derwent Valley Water Board	5	1	0	883	52·4	41·67	...	...
	§Alport Moor ..	No. 38B	Derwent Valley Water Board	5	1	0	1790	...	47·20	...	...
	Deep Grain ..	..	No. 74	Derwent Valley Water Board	5	1	0	1360	...	(46·85)	...
w	Derwent Dale (Slippery Stones)	No. 62	Derwent Valley Water Board	5	1	0	908	49·4	45·51	...	...
	Ronksley Moor ..	..	No. 86	Derwent Valley Water Board	5	1	0	1660	...	49·11	...
	Broadhead Clough ..	..	No. 63	Derwent Valley Water Board	5	1	0	1010	52·8	43·62	...
	Barrow Clough ..	..	No. 71	Derwent Valley Water Board	5	1	0	1330	...	47·08	...
7.—TRENT. Erewash. 50 sq. mi.											
d	Breaston (Woodland Avenue)	..	F. Cresswell, Esq. ..	5	1	0	115	...	22·86	...	99
D	Long Eaton (Town Hall) ..	..	Long Eaton U.D.C. ..	8	0	10	105	23·4	21·60	151	97
d	Ilkeston (New Stanton) ..	..	Stanton Ironworks Co., Ltd.	5	1	0	150	25·2	21·26	146	109
D	Ilkeston (Sewage Works) ..	..	Borough Surveyor ..	5	1	6	132	...	20·69	149	96

§ Turf wall round gauge.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
DERBYSHIRE—(contd.)									
7.—TRENT. Erewash—(contd.)									
d Morley Hall	C. H. D. Ham, Esq. ..	5	1	0	380	...	21·69	...	98
d Codnor Park	British Waterways ..	5	1	0	243	...	25·15	...	...
8.—OUSE. Don. 138 sq. mi.									
Chesterfield (Hunger Hill) ..	Engineer and Manager ..	5	1	0	643	33·6	28·72	...	...
D Chesterfield (Whispering Well) ..	Engineer and Manager ..	5	1	0	575	32·5	27·72	170	122
D Bolsover Colliery	Yorkshire Ouse River Board	5	1	0	275	...	25·05	161	90
D CHESTERFIELD School	J. North, Esq.	5	1	0	298	...	23·82	150	109
D Chesterfield (Lower Linacre Reservoir)	Engineer and Manager ..	8	1	0	430	31·8	28·77	168	124
D Chesterfield (Middle Linacre Reservoir)	Engineer and Manager ..	5	1	0	500	...	29·15	170	129
D Chesterfield (Upper Linacre Filters) ..	Engineer and Manager ..	5	1	0	521	...	28·52	169	124
D Chesterfield (Sewage Works)	Manager	5	1	0	225	...	25·01	161	109
D Chesterfield (Crowhole Reservoir) ..	P. Hothersall, Esq., M.B.E.	5	1	0	605	31·1	25·45	147	112
D Spinkhill (Mount St. Mary's College)	Rev. J. L. Raybould, S.J. ..	5	1	0	350	...	25·79	148	113

DIVISION VIII—NORTH-WESTERN COUNTIES

CHESHIRE. (Area, 1,014 sq. mi.)

1.—MERSEY. Upper. 187 sq. mi.									
D Langley (Twelve Ashes)	J. H. Dossett, Esq. ..	6	0	9	903	...	34·41	189	148
D Langley (Trentabank Reservoir) (+A)	J. H. Dossett, Esq. ..	6	0	9	864	...	34·13	190	149
D Langley (Bottoms Reservoir)	J. H. Dossett, Esq. ..	6	0	9	662	38·5	30·50	185	143
D Macclesfield (Leadbeaters Reservoir)	J. H. Dossett, Esq. ..	5	1	0	579	...	28·10	171	129
D MACCLESFIELD (West Park)	J. H. Dossett, Esq. ..	5	1	0	500	34·1	27·50	187	125
D Rainow (The Clough)	Miss Anna Neave ..	5	1	3	815	34·4	28·87	197	139
D Nether Alderley	J. H. Shelmerdine, Esq.* ..	5	1	0	329	...	25·08	157	121
D Prestbury (Sewage Works) .. (+A)	Mersey River Board ..	5	1	0	320	...	24·35	164	116
D Knutsford (The Sycamores)	P. Bowles, Esq.	5	1	0	213	30·3	26·45	153	126
D Adlington (Styperson House)	Mersey River Board ..	5	1	0	500	...	25·40	170	122
D Disley (Lyme Park)	Stockport Corporation W.W.	5	1	0	674	...	26·18	175	127
D Disley (Higher Stoneridge)	Stockport Corporation W.W.	5	1	0	750	35·2	26·86	174	130
d Runcorn (Weston Point)	British Waterways ..	8	1	3	30	31·3	27·07	...	124
D Appleton Reservoir (+A)	Warrington Waterworks ..	5	1	0	120	...	26·01	180	126
D Moore (Uplands)	Lt.-Com. G. K. Rylands, R.N.	5	1	0	120	...	23·32	165	120
D RINGWAY (MANCHESTER Airport)(+A)	Meteorological Office ..	5	1	0	248	29·9	24·32	162	121
D High Lane (Light Alders Farm)	R. B. Melland, Esq. ..	5	1	3	675	33·0	25·08	169	130
D MELLOR	Dr. K. C. Roberts	5	1	0	728	...	23·87	180	114
D Altrincham (Norman's Place)	Miss G. A. Griffiths ..	5	1	0	150	...	24·76	157	118
D Dunham Massey (Sewage Works) (+A)	Mersey River Board ..	5	1	0	55	...	24·58	162	116
D Timperley (Bloomsbury Lane)	P. Newton, Esq.	5	1	0	98	...	24·43	156	126
D Gatley (Park Road)	Miss Betty Wyles, B.Sc. ..	5	0	11	150	...	25·70	162	167
D Stockport (Cheadle Heath Sew. Wks.)	Borough Surveyor	8	2	0	135	...	24·39	157	123
D Sale (Carrington Lane) (+A)	Mersey River Board ..	5	1	0	72	...	25·22	161	127
D Sale (Sewage Works)	Manager	5	0	10	58	...	26·33	160	126
Godley Reservoir	Manchester Corpn. W.W.	5	1	0	488	34·8	27·33	180	128
D Dukinfield (Higher Reservoir)	M. T. B. Whitson, Esq., C.E.	5	1	0	435	35·7	23·61	164	128

* Per Cheshire River Board.

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

STATIONS	AUTHORITIES	Rain-gauge				1955		
		Diam.	Height of		Average	Rain-fall	Days with	Days with
			Rim	Ground	Rain-fall		·01 in. or more	·04 in. or more
			above Ground	above Sea Level				
		in.	ft.	in.	ft.	in.		
CHESHIRE—(contd.)								
1.—MERSEY. Upper—(contd.)								
Bottoms Reservoir	Manchester Corpn. W.W.	5	1	0	501	...	28·82	178
Arnfield Reservoir (+A)	Manchester Corpn. W.W.	5	1	0	512	39·1	27·71	180
Rhodes Wood Reservoir	Manchester Corpn. W.W.	5	1	0	545	42·7	31·96	185
§Hollingworth Hall (Moor)	Manchester Corpn. W.W.	5	1	0	1194	42·0	30·41	...
§Torside Reservoir	Manchester Corpn. W.W.	5	1	0	667	...	33·45	197
D Stalybridge (Market Ground Yard)	M. T. B. Whitson, Esq., C.E.	5	1	0	373	38·3	27·13	165
D Stalybridge (Brushes Filter House)	M. T. B. Whitson, Esq., C.E.	8	1	6	615	39·2	30·86	182
W Higher Swineshaw	M. T. B. Whitson, Esq., C.E.	5	1	0	965	43·3	32·43	...
D Woodhead Reservoir	Manchester Corpn. W.W.	5	1	0	665	48·3	36·46	190
§Arnfield Moor	Manchester Corpn. W.W.	5	1	0	1290	49·9	35·41	...
§Crowden (Span Gutter)	Manchester Corpn. W.W.	5	1	0	1530	52·0	41·18	...
§Pikenaze Moor (Audernshaw Clough)	Manchester Corpn. W.W.	5	1	0	1148	53·7	45·20	...
§Woodhead (Pikenaze)	Manchester Corpn. W.W.	5	1	0	926	...	38·95	...
§Swineshaw Moor (Boar Flat)	Manchester Corpn. W.W.	5	1	0	1190	48·6	38·58	...
§Westend Moor (Stonefold)	Manchester Corpn. W.W.	5	1	0	1691	56·8	47·40	...
§Withens Moor (West Withens)	Manchester Corpn. W.W.	5	1	0	1382	60·0	47·19	...
§Near Broadslate	Manchester Corpn. W.W.	5	1	0	1663	...	46·95	...
§Longside Moss	Manchester Corpn. W.W.	5	1	0	1418	59·8	46·15	...
§Upper Heyden	Manchester Corpn. W.W.	5	1	0	1717	60·5	49·28	...
§Grains Moss	Manchester Corpn. W.W.	5	1	0	1573	58·1	46·88	...
2.—MERSEY. Weaver. 489 sq. mi.								
D Audlem (Westville)	C. Coffin, Esq.*	5	1	0	214	28·6	24·98	159
d Wybunbury (Vicarage)	P. Jones, Esq.	5	1	0	160	...	23·19	...
D Cholmondeley School (+A)	Headmaster *	5	1	0	291	29·3	25·69	170
D Nantwich (Baddiley Waterworks)	Mid & S.E. Cheshire W. Bd.	5	1	0	231	28·3	24·84	162
D Nantwich (Beam Bridge)	Nantwich U.D.C.	5	1	0	115	...	24·60	166
d Nantwich (Dorfold Hall)	British Waterways	8	1	0	190	28·8	23·62	152
D Nantwich (Brookfield House)	Nantwich U.D.C.	5	1	0	130	...	23·25	...
D Alsager (Radway Green)	Cheshire River Board	5	1	0	257	...	24·54	166
D Crewe (Sewage Works)	L. Reeves, Esq., C.E.	5	1	0	125	27·6	24·43	162
D Crewe (Isolation Hospital)	Mid & S.E. Cheshire W. Bd.	5	1	4	181	27·6	24·62	184
D Mow Cop (Pumping Station)	Mid & S.E. Cheshire W. Bd.	5	1	0	460	...	25·71	173
D Sandbach (Pumping Station)	Mid & S.E. Cheshire W. Bd.	5	1	0	210	28·3	24·24	157
d Tarporley (Tilstone Lodge)	Head Gardener	5	1	0	220	29·9	23·80	...
D Eaton (Pumping Station)	Mid & S.E. Cheshire W. Bd.	5	1	0	285	31·6	26·41	174
D §Congleton (Sewage Works) (+A)	Borough Surveyor	5	1	0	247	30·5	26·34	174
D Congleton (Buglawton Hall)	British Waterways	8	1	0	450	32·6	26·48	160
d Bosley Reservoir	Cheshire River Board	5	1	0	590	...	27·99	159
D Bosley Top Lock	British Waterways	5	1	0	500	...	27·55	155
d Middlewich	I.C.I. (Alkali) Ltd.	5	1	0	138	28·1	22·60	170
d Tarporley (Tiresford)	Cheshire River Board	5	1	0	242	...	24·44	...
D Tarporley (Sandyford Waterworks)	Mid & S.E. Cheshire W. Bd.	8	1	0	249	32·0	25·18	176
D Middlewich (Bostock Hall)	Manchester Corpn.	5	1	0	157	29·9	24·92	148
D Cranage Hall Hospital	Secretary *	5	1	0	179	28·9	22·40	161
D Delamere (Linmere)	Forestry Commission	8	0	9	250	31·9	27·27	166
d Cuddington (Merle Wood)	Sir Edwin Cooper Burgis, K.T.	5	1	0	200	...	26·54	...
D Northwich (Crabtree Green)	Mid & S.E. Cheshire W. Bd.	8	1	0	163	32·0	27·66	188
D Northwich (Weaverham Grange)	Mid & S.E. Cheshire W. Bd.	5	1	0	151	...	25·32	157
D Northwich (Hunts Lock)	British Waterways	8	1	5	47	30·0	23·91	160
D NORTHWICH (WINNINGTON)	I.C.I. (Alkali) Ltd.	5	1	0	65	29·2	23·82	156
d Chelford (Kennel Bank)	A. M. Haworth, Esq.	5	1	0	263	...	23·18	154
D Chelford (Snelson House)	R. C. Walsh, Esq.	5	1	0	250	...	23·73	157

§ Turf wall round gauge.

* Per Cheshire River Board.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	t.	in.	ft.	in.	in.		
CHESHIRE—(contd.)									
2.—MERSEY. Weaver—(contd.)									
D Northwich (Lostock Gralam) ..	I.C.I. (Alkali) Ltd. ..	5	1	0	75	...	22.96	158	118
d Northwich (Marbury Road) ..	Charles Cooper, Esq. ..	5	1	0	96	...	23.18	...	...
3.—MERSEY. Lower & C. 142 sq. mi.									
D Barrowmore (+A)	Cheshire River Board ..	5	0	9	114	...	21.95	147	110
D Mouldsworth (Pumping Station) ..	West Cheshire Water Board ..	5	1	0	145	28.9	24.69	180	113
D Ellesmere Port (The Refinery) ..	Lobitos Oilfields Ltd. ..	5	1	0	15	...	23.50	148	113
D Hooton (Waterworks)	West Cheshire Water Board ..	5	1	0	97	30.3	24.54	180	111
D Crosshill Reservoir, <i>old g.</i>	W. K. Lewis, Esq., C.E. ..	5	1	0	237	...	25.40	171	122
D Crosshill Reservoir, <i>new g.</i>	W. K. Lewis, Esq., C.E. ..	5	1	0	212	...	26.45	172	122
D Port Sunlight	Lever Bros.	5	1	0	50	...	26.16	158	126
D Prenton (Waterworks)	West Cheshire Water Board ..	5	1	3	91	28.1	24.57	138	118
D Birkenhead (BIDSTON OBS'Y.) ..	(+A) Director	5	1	0	198	27.9	22.68	156	113
D WALLASEY (Harrison Park)	Medical Officer of Health ..	5	1	0	57	...	25.45	160	121
4.—DEE. 127 sq. mi.									
D Eaton Hall Gardens	Mr. G. Miller	5	1	3	60	26.9	27.12	166	123
D Chester (Sewage Disposal Works) ..	Engineer and Surveyor ..	5	0	6	16	26.1	21.94	152	99
D Chester (Waterworks)	Engineer	5	0	10	85	26.4	22.01	164	106
d Chester (Dicksons Drive)	M. H. O. Hoddinott, Esq. ..	5	1	0	64	...	24.98	...	...
D WEST KIRBY (PARK)	Hoylelake U.D.C.	5	1	5	26	...	24.13	172	121
SOUTH LANCASHIRE. (Area, 700 sq. mi.)									
1.—ALT & C. 103 sq. mi.									
d Prescott (Knowsley Hall)	Head Gardener	8	1	0	172	...	28.61	...	...
d Kirby (Estate Works)	Mersey River Board	5	1	0	48	...	29.74	...	...
D Crosby (Merchant Taylors' School) ..	H. Tunley, Esq.	5	0	7	20	...	25.06	156	122
D Formby (Ince Blundell)	Mersey River Board	5	1	0	36	...	28.99	204	129
d Ormskirk (Bickerstaffe Pumping Stn.)	N. B. Bennett, Esq., C.E. ..	5	0	8	127	33.2	29.38	...	...
d Ormskirk (Springfield Pumping Stn.)	N. B. Bennett, Esq., C.E. ..	5	1	1	69	33.1	28.42	...	...
D Formby (Hightown) (+A)	Mersey River Board	5	1	0	25	...	25.53	167	124
2.—MERSEY. Lower. 244 sq. mi.									
D SPEKE (Liverpool Airport) (+A)	Meteorological Office ..	5	1	0	77	...	23.60	156	118
D Garston Depot	Liverpool Corporation ..	5	1	0	81	30.7	24.16	155	120
D Halewood (Sewage Works)	Manager	5	1	2	30	...	25.93	186	129
D Widnes (Catherine Street)	Widnes Water Department ..	8	1	0	30	...	26.06	151	123
D Liverpool (Lark Lane)	Liverpool Corporation ..	5	9	1	90	...	26.71	178	128
D Liverpool (Smithdown Road)	Liverpool Corporation ..	5	1	0	135	31.7	26.94	174	118
D Great Sankey (Liverpool Road) ..	(+A) Mersey River Board ..	5	1	0	65	...	26.74	164	126
D Cronton (Pex Hill, Old Reservoir) ..	Widnes Water Department ..	5	1	0	228	...	25.10	153	126
D Liverpool (Monument Place) (+A)	Liverpool Corporation ..	5	1	3	124	...	27.24	161	122
D Liverpool (Rathbone Road)	Liverpool Corporation ..	5	1	0	198	34.3	27.11	174	129
D Liverpool (Breckside Park)	Liverpool Corporation ..	5	0	9	132	33.2	26.54	166	124
D Liverpool (Queens Drive)	Liverpool Corporation ..	5	1	0	119	33.3	29.67	164	138
D Warrington (Highways Yard)	Water Engineer & Manager ..	8	4	5	43	...	26.86	168	126
D Winwick (Pumping Station)	Warrington Waterworks ..	5	1	0	115	...	26.35	166	129
D Prescott	Liverpool Corp'n. W.W. ..	5	1	0	282	...	29.16	...	...
D St. Helens (Eccleston Hill)	M. Ward, Esq., C.E. ..	5	1	0	250	33.6	29.55	169	126
D St. Helens (Victoria Park)	Medical Officer of Health ..	8	1	5	145	33.9	27.10	149	125
D St. Helens (Windle Hall)	Sir Harry Pilkington, Bt. ..	5	1	0	160	...	26.22	150	124
d Litherland (Hatton Hill Park)	C. Rigby, Esq., C.E. ..	5	1	0	59	...	24.80	...	...

|| Gauge over-sheltered.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
SOUTH LANCASHIRE—(contd.)		in.	ft.	in.	ft.	in.	in.		
2.—MERSEY. Lower—(contd.)									
D Rainford (Rookery Sewage Works) ..	Mersey River Board	5	1	0	107	...	30.48	151	123
D Hindley (Platt Bridge Sewage Works)	Surveyor	8	0	10	91	...	30.75	172	123
d Atherton (Cemetery)	Mersey River Board	5	1	0	165	...	30.86	...	...
3.—MERSEY. Irwell. 299 sq. mi.									
D Stretford (Longford Park)	Stretford U.D.C.	8	1	1	85	...	25.06	155	119
D Manchester (Hullard Park)	Stretford U.D.C.	8	1	1	100	32.4	27.48	171	123
D Urmston (Davyhulme Sewage Works)	Manchester Cpn. Rivers Dpt.	8	1	0	72	30.9	25.16	148	119
D Patricroft (Eccles Sewage Works) (+A)	Manager	5	1	0	71	30.3	25.36	142	113
D Salford (Weaste Sewage Works) ..	City Engineer	8	1	0	70	32.9	26.57	167	123
D MANCHESTER (WHITWORTH PARK) ..	University of Manchester ..	8	1	0	125	31.7	25.55	166	124
d Ashton-under-Lyne (Knott Hill Res.)	M. T. B. Whitson, Esq., C.E.	8	1	0	605	39.7	30.58	...	145
D Prestwich (Sewage Works)	Manager	8	0	10	150	36.6	29.92	175	131
Prestwich Reservoir	Manchester Corpn. W.W. ..	5	1	0	340	38.2	31.60	181	127
D Prestwich (Heaton Park)	City Surveyor, Manchester	5	1	6	325	36.8	31.95	171	132
Prestwich (Heaton Park Reservoir) ..	Manchester Corpn. W.W.	5	1	0	355	37.1	30.03	191	137
d Oldham (Gasworks)	C. Busfield, Esq., C.E. ..	5	5	9	602	...	36.34	179	151
D Bolton (Hacken Sewage Works)	Manager	5	1	0	182	39.4	35.00	167	138
d Oldham (Brushes Clough)	C. Busfield, Esq., C.E. ..	5	1	0	921	46.7	35.97	200	147
D Royton (Public Park)	Park Superintendent	5	1	0	516	39.1	32.52	152	124
D BOLTON (Queen's Park) (+A)	Corporation	5	1	0	342	43.1	35.30	175	122
d Bolton (Bradshawgate)	British Waterways	5	1	0	299	41.6	33.83	...	...
D Bolton (Heaton Reservoir)	Corporation Waterworks ..	5	1	5	500	43.5	38.60	211	140
M §Bolton W.W. (Harpers Farm) ..	Corporation Waterworks ..	5	1	0	872	...	39.74	...	...
d Bolton (Smithhills Hall)	Corporation	5	1	0	510	46.1	37.14	...	...
D Bury (Sewage Works)	G. R. C. Marsden, Esq. ..	5	1	0	220	...	30.09	183	125
d Bury (Elton Reservoir)	British Waterways	5	1	0	294	38.7	32.38	...	127
D Bury (Greenhill Road)	R. Moore, Esq.	5	2	7	399	40.5	30.20	163	129
D Newhey (Sewage Works)	Crompton U.D.C.	8	1	0	513	41.6	33.84	167	139
D Milnrow (Piethorne, Kitcliffe) ..	C. Busfield, Esq., C.E. ..	5	1	0	766	46.1	36.70	200	150
D Milnrow (Piethorne, Cold Greave) ..	C. Busfield, Esq., C.E. ..	5	1	0	832	46.3	35.91	201	146
D ROCHDALE (Roch Mills Sewage Wks.)	Borough Surveyor	5	1	0	363	44.5	33.77	184	130
D Rochdale (Queensway) (+A)	Rochdale Corporation	5	4	6	475	42.4	32.55	165	129
d Rochdale (Fieldhead Yard)	Borough Surveyor	8	1	0	473	41.5	35.97	...	...
D Rochdale (Ashworth Moor Reservoir)	Heywood & Middleton W. Bd.	5	1	2	956	...	34.51	180	143
D Bury (Gin Hall)	No. 1 Irwell Valley Water Board	5	1	0	475	43.7	36.77	187	145
D Bury (Gin Hall)	No. 2 Irwell Valley Water Board	5	1	0	475	44.5	36.79	187	147
D Bolton W.W. (Springs)	No. 2 Corporation Waterworks ..	5	1	0	810	54.5	47.27	202	146
M Bolton W.W. (Eagley)	No. 4 Corporation Waterworks ..	5	1	0	546	52.3	45.46	...	...
D Turton (Turton Tower)	Turton U.D.C.	5	1	0	584	49.1	42.41	194	141
M Bolton W.W. (Hordern)	Corporation Waterworks ..	5	1	0	1160	53.5	48.02	...	...
D §Bolton W.W. (Delph)	Corporation Waterworks ..	5	1	0	710	53.6	45.68	194	145
M Bolton W.W. (Longworth)	Corporation Waterworks ..	5	1	0	770	52.4	44.89	...	...
D Bolton W.W. (Wayoh)	No. 3 Corporation Waterworks ..	5	1	0	608	51.7	43.03	189	141
M §Bolton W.W. (Holden's Farm) ..	Corporation Waterworks ..	5	1	0	955	51.9	43.23	...	...
M Bolton W.W. (Top-o'-th'-Brow)	Corporation Waterworks ..	5	1	0	935	56.5	47.21	...	...
D Bolton W.W. (Entwistle)	Corporation Waterworks ..	5	1	2	700	52.4	44.03	197	145
M Bolton W.W. (Bromiley Heys) ..	Corporation Waterworks ..	5	1	3	925	53.4	46.29	...	...
M §Bolton W.W. (Hulton Pasture) ..	Corporation Waterworks ..	5	1	0	1090	49.7	44.70	...	...
M §Bolton W.W. (Moorside)	Corporation Waterworks ..	5	1	0	850	50.2	43.46	...	...
M Bolton W.W. (Clough)	Corporation Waterworks ..	5	1	0	1150	54.2	45.66	...	...
M Bolton W.W. (Cranberry Moss)	Corporation Waterworks ..	5	1	4	982	52.0	42.96	...	...
M Bolton W.W. (Slater Lane)	Corporation Waterworks ..	5	1	0	985	52.1	47.03	...	...

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SOUTH LANCASHIRE—(contd.)									
3.—MERSEY. Irwell—(contd.)									
M Bolton W.W. (Brown Lowe) ..	.. Corporation Waterworks ..	5	1	0	1200	52.9	45.16	...	...
M Bolton W.W. (Longshoot) ..	.. Corporation Waterworks ..	5	1	3	930	52.8	44.24	...	...
Bolton W.W. (Ugnow) ..	No. 2 Corporation Waterworks ..	5	1	0	1090	51.1	44.41	...	...
D Rochdale (Hamer Pasture Res.) ..	.. Rochdale Corporation ..	5	1	0	760	48.6	37.74	184	139
D Rochdale (Naden Filters) ..	.. Heywood & Middleton W. Bd. ..	5	1	0	761	46.9	39.52	183	146
W Norden (Far Knowl Farm) ..	.. Heywood & Middleton W. Bd. ..	8	1	3	1000	47.2	39.26	...	...
D Littleborough (Longden End) ..	.. C. Busfield, Esq., C.E. ..	5	1	0	751	48.2	37.95	192	150
D Littleborough (Blackstone Edge) ..	.. C. Busfield, Esq., C.E. ..	8	1	0	1268	45.0	41.15	197	147
D Littleborough (Upper Chelburn) ..	.. C. Busfield, Esq., C.E. ..	8	1	0	725	48.2	36.57	189	142
D Littleborough (Chelburn) ..	.. C. Busfield, Esq., C.E. ..	8	1	0	700	46.6	36.86	188	142
M Ramsbottom (Killgate Brook) ..	.. Heywood & Middleton W. Bd. ..	5	1	0	978	...	37.26	...	...
d Ramsbottom ..	.. British Waterways ..	5	0	11	418	47.7	38.82	...	...
Ramsbottom (Cheesden Barn) ..	.. Heywood & Middleton W. Bd. ..	5	1	0	997	...	36.64	...	...
D Edenfield (New Hall Nurseries) ..	.. Irwell Valley Water Board ..	5	1	0	800	46.9	37.74	193	141
D Edenfield (Scout Moor Res.) ..	No. 2 Irwell Valley Water Board ..	5	1	0	1275	...	48.04	185	149
d Waterfoot (Cragg Reservoir) ..	.. Bacup Borough Council ..	5	1	0	1325	53.3	(44.76)	194	156
D Waterfoot (Cowpe Reservoir) ..	.. Bacup Borough Council ..	5	1	0	925	54.3	46.13	190	154
d Rochdale (Spring Mill, Whitworth) ..	.. Rochdale Corporation ..	5	1	0	720	51.5	42.72	...	149
d Wardle (Watergrove Mill) ..	.. Rochdale Corporation ..	8	2	6	819	49.9	37.09	204	146
d Rochdale (Cowm, Whitworth) ..	.. Rochdale Corporation ..	5	1	0	762	51.5	46.35	188	153
D Helmshore (Musbury Valley) ..	.. Irwell Valley Water Board ..	5	1	0	750	52.1	45.79	183	163
D HELMSHORE (Exper. Husbandry Farm) ..	Director ..	5	1	0	854	...	46.56	204	155
D Haslingden (Holden Wood) ..	No. 1 Irwell Valley Water Board ..	5	1	0	690	52.1	44.47	190	150
D Haslingden (Holden Wood) ..	No. 2 Irwell Valley Water Board ..	5	1	0	670	51.4	43.84	190	150
D Haslingden (Calf Hey) ..	No. 1 Irwell Valley Water Board ..	5	1	0	800	50.9	45.76	190	158
D Haslingden (Ogden) ..	No. 1 Irwell Valley Water Board ..	5	1	0	740	50.9	42.70	190	153
D Haslingden (Ogden) ..	No. 2 Irwell Valley Water Board ..	5	1	0	740	51.7	43.57	190	151
D Bacup (Sheephouse Reservoir) ..	.. Bacup Borough Council ..	5	1	0	975	...	47.12	211	165
D Rawtenstall (Cemetery) ..	(+A) Boro' Engineer & Surveyor ..	5	1	1	572	46.3	42.40	180	145
d Haslingden ..	.. British Waterways ..	5	1	0	714	46.3	40.04	...	142
D Rawtenstall (Green Fold Res.) ..	(+A) Irwell Valley Water Board ..	5	1	0	1000	47.6	42.28	187	142
D Rawtenstall (Green Fold Res.) ..	No. 2 Irwell Valley Water Board ..	5	1	0	1025	46.1	42.56	186	143
D Rawtenstall (Clough Bottom) ..	No. 1 Irwell Valley Water Board ..	5	1	0	1025	47.4	38.75	192	144
D Rawtenstall (Clowbridge Res.) ..	No. 1 Irwell Valley Water Board ..	5	1	0	930	47.6	42.28	175	159
D Rawtenstall (Clowbridge Res.) ..	No. 2 Irwell Valley Water Board ..	5	1	0	930	51.6	44.78	175	158
4.—MERSEY. Upper. 54 sq. mi.									
D Chorlton-cum-Hardy (Sewage Works) ..	Manchester Cpn. Rivers Dpt. ..	8	4	6	95	30.5	27.66	159	130
D Denton (Sewage Works) ..	.. Denton U.D.C. ..	5	1	0	205	31.0	22.90	156	116
D Fallowfield (Platt Field Park) ..	.. City Engineer, Manchester ..	8	1	0	118	30.6	25.25	162	122
D Denton Reservoir ..	.. Manchester Corpn. W.W. ..	5	1	0	306	35.1	27.14	180	131
D Gorton Reservoir ..	.. Manchester Corpn. W.W. ..	5	1	0	263	35.0	27.86	181	146
D Audenshaw Reservoirs ..	.. Manchester Corpn. W.W. ..	5	1	0	300	...	27.75	180	137
D Ashton-u-Lyne (Henrietta St. Yard) ..	.. M. T. B. Whitson, Esq., C.E. ..	5	1	0	394	37.2	28.34	172	133
D Lower Swineshaw Reservoir ..	.. M. T. B. Whitson, Esq., C.E. ..	8	1	0	886	43.6	31.52	181	142
w Swineshaw Moor ..	.. M. T. B. Whitson, Esq., C.E. ..	5	1	0	1340	...	35.54	...	...
CENTRAL LANCASHIRE. (Area, 536 sq. mi.)									
1.—RIBBLE & C. 326 sq. mi.									
M Rivington (Tockholes) ..	.. Liverpool Corpn. W.W. ..	5	1	0	970	...	42.16	...	...
M Roddlesworth ..	.. Liverpool Corpn. W.W. ..	5	1	0	725	...	37.85	...	...

|| Gauge over-exposed

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in. or more	·04 in. or more
			Ground	Sea Level					
		in.	ft.	in.	ft.	in.	in.		
CENTRAL LANCASHIRE—(contd.)									
1.—RIBBLE & C.—(contd.)									
D Darwen (Sunnyhurst Hey Res.)	.. Borough & Water Engineer	8	1	5	915	49·5	42·44	176	148
D Darwen (Earnsdale Reservoir)	.. Borough & Water Engineer	8	1	0	705	47·4	42·28	175	146
D DARWEN (Bold Venture Park)	.. Medical Officer of Health ..	8	1	0	724	50·1	45·63	183	153
D Darwen (Hoddlesden) ..	.. Blackburn Waterworks ..	8	1	4	680	49·1	47·35	228	155
D §Darwen (Daisy Green) ..	.. Blackburn Waterworks ..	8	1	0	969	...	52·19	236	174
D §Darwen (Pickup Bank) ..	.. Blackburn Waterworks ..	8	1	6	727	...	49·80	236	164
d Brindle (Whiteholme) ..	.. Miss W. M. Gatty ..	5	1	8	315	39·3	26·98	...	...
D Haslingden (Mitchell's House Res.)	.. R. Jackson, Esq., B.Sc. ..	5	1	0	930	45·0	35·63	173	133
D Blackburn (Guide Reservoir) ..	.. Blackburn Waterworks ..	8	1	0	610	44·9	36·64	183	142
D Blackburn (Witton) ..	.. Blackburn Waterworks ..	8	2	7	315	42·0	28·26	167	117
Hutton (Lancs C.C. Hort. Station)	County Inst. of Agriculture	5	1	0	82	35·2	28·64	...	...
D Accrington (Oak Hill Park) .. (+A)	Borough Engineer ..	5	1	0	645	...	36·54	181	132
D Accrington (Coppo Clough S.W.) (+A)	Borough Engineer ..	5	1	0	386	...	35·16	164	128
d Preston (West Cliff) ..	.. Lancashire River Board ..	5	1	0	25	...	27·78	...	...
D PRESTON (MOOR PARK) .. (+A)	Jeremiah Horrocks Obsy. ..	8	1	0	108	35·3	26·98	182	127
d Samlesbury (Sewage Works) ..	.. Blackburn Waterworks ..	8	1	6	240	36·9	25·30	...	...
D SQUIRES GATE (Blackpool Airport) (+A)	Meteorological Office ..	5	1	0	33	31·8	25·25	158	114
d Blackburn (Queens Road) ..	.. J. Brennand, Esq. ..	5	1	1	515	...	36·19	222	144
w Burnley W.W. (Causeway Side) ..	.. J. Shepherd, Esq., C.E. ..	5	1	0	1110	...	40·94	...	...
w Burnley W.W. (Sheddin) ..	.. J. Shepherd, Esq., C.E. ..	5	1	0	960	...	39·82	...	...
D Burnley W.W. (Cant Clough S. Side)	.. J. Shepherd, Esq., C.E. ..	5	1	0	903	...	37·81	184	150
D Burnley W.W. (Cant Clough N. Side)	.. J. Shepherd, Esq., C.E. ..	5	1	0	846	...	36·15	183	150
w Burnley W.W. (Rams Clough Head)	.. J. Shepherd, Esq., C.E. ..	5	1	0	1236	...	39·74	...	...
D Huncoat (Burnley Road Reservoir) ..	.. R. Jackson, Esq., B.Sc. ..	5	1	0	640	43·0	35·73	179	134
D Rishton (Sewage Works) ..	.. Surveyor ..	5	1	0	300	...	32·28	169	129
D Great Harwood (Parsonage Reservoir)	.. Blackburn Waterworks ..	8	1	0	631	40·7	30·00	182	126
D Great Harwood (Kebb Farm) ..	.. R. Jackson, Esq., B.Sc. ..	5	1	0	670	...	35·52	180	133
D Burnley (Habergham Eaves) ..	.. R. M. Smith, Esq. ..	5	1	0	780	...	34·61	189	135
D BURNLEY (Queens Park) ..	.. Medical Officer of Health ..	8	1	0	458	...	32·16	181	137
D Burnley W.W. (Swinden) upper g. ..	.. J. Shepherd, Esq., C.E. ..	5	1	0	811	43·6	38·40	186	142
D Burnley W.W. (Swinden) lower g. ..	.. J. Shepherd, Esq., C.E. ..	5	1	0	745	44·3	36·53	187	144
w Burnley W.W. (Extwistle Moor Top)	.. J. Shepherd, Esq., C.E. ..	5	1	0	1308	...	39·56	...	...
d Padiham (Altham Sewage Works) ..	.. Water Engineer, Padiham ..	5	1	6	225	40·9	31·47	...	...
D Padiham (Huntroyde) ..	.. C. Russell Ingham, Esq. ..	5	1	0	430	41·1	33·07	166	135
D Longridge (Alston Reservoir) ..	.. Preston Waterworks ..	8	1	2	330	41·0	30·03	191	137
§Nelson (Red Spa Moor) ..	.. Nelson Corporation W.W. ..	5	1	0	1175	...	36·70	...	...
D §Nelson (Coldwell Reservoir) .. No. 3	Nelson Corporation W.W. ..	5	1	0	1060	...	39·02	198	153
D §Nelson (Coldwell Reservoir) .. No. 2	Nelson Corporation W.W. ..	5	1	0	960	46·3	37·20	199	150
D Whalley (Calderstones Institution) ..	.. C. R. Iken, Esq.* ..	5	1	0	198	...	31·92	171	130
D Nelson (Sewage Works) ..	.. Nelson Corporation W.W. ..	5	1	0	359	...	33·14	178	131
D NELSON (Walton Lane) .. (+A)	.. Medical Officer of Health ..	5	1	0	540	40·6	32·36	185	134
D Ribchester Institution ..	.. E. G. Heaver, Esq.* ..	5	1	0	279	...	33·05	168	137
D STONYHURST College ..	.. Rev. J. Lawrence, S.J. ..	8	1	10	377	46·5	34·94	170	138
D Longridge (Cowley Brook) ..	.. Preston Waterworks ..	8	1	2	616	...	37·56	207	148
D Longridge (Spade Mill) ..	.. Preston Waterworks ..	8	1	2	374	41·7	32·66	191	134
Longridge (Jeffrey Hill) ..	.. Preston Waterworks ..	8	1	2	900	47·3	37·04	...	...
d Sabden (Churn Clough Reservoir) ..	.. Water Engineer, Padiham ..	5	1	0	790	41·2	34·75	...	137
w Sabden (Craggs Dole) ..	.. Water Engineer, Padiham ..	8	1	0	1050	46·0	36·91	...	...
D §Barley (Ogden Reservoir) ..	.. Nelson Corporation W.W. ..	5	1	0	908	...	42·55	191	152
D §Pendle Hill (Buttock) ..	.. Nelson Corporation W.W. ..	5	1	0	1175	49·9	42·36	193	152
D Colne (Swinden Sewage Works) ..	.. Borough Engineer ..	5	1	0	423	42·0	30·47	175	136
D Colne (Judge Fields) .. (+A)	Borough Engineer ..	5	1	0	559	...	33·15	181	135
d Barrowford Reservoir ..	.. British Waterways ..	8	1	0	473	41·0	33·26	170	138
D Clitheroe (Higher Standen Cottage) ..	.. Lancashire River Board ..	5	1	0	340	...	33·44	212	137
§Nelson (Blackmoss Reservoir) ..	.. Nelson Corporation W.W. ..	5	1	0	825	...	38·85	...	...

*Per Lancashire River Board.

§ Turf wall round gauge.

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

STATIONS		AUTHORITIES		Rain-gauge				Average Rain-fall	1955		
				Diam.	Height of		Ground		Rain-fall	Rain-fall	Days with .01 in. or more
				in.	ft.	in.	ft.	in.	in.		
CENTRAL LANCASHIRE—(contd.)											
1.—RIBBLE & C.—(contd.)											
	Foulridge (Upper Reservoir)	British Waterways		5	1	0	582	40.5	31.59	...	...
D	Chatburn School	Headmaster		5	1	0	322	43.0	29.55	174	140
	Clitheroe (Downham Hall)	Lord Clitheroe, P.C.		5	1	6	464	...	29.65	...	...
2.—RIBBLE. Douglas. 156 sq. mi.											
D	Wigan W.W. (Billinge Higher End) ..	Borough Engineer		5	1	0	374	37.5	33.64	161	134
d	Wigan (Grammar School)	Headmaster		5	1	0	120	...	33.60	...	...
D	Wigan W.W. (Worthington)	Borough Engineer		5	1	0	225	35.4	33.37	173	127
D	Horwich (Lower Rivington)	Liverpool Corpn. W.W. ..		5	1	0	440	38.7	33.86	182	129
	Horwich (Gilsbrook Spring)	Liverpool Corpn. W.W. ..		5	1	0	598	...	39.30	...	...
M	Rivington (Scotchman's Post)	Liverpool Corpn. W.W. ..		5	1	0	1425	...	40.20	...	...
M	Rivington (Hordern Stoops)	Liverpool Corpn. W.W. ..		5	1	0	1065	...	40.85	...	...
	Rivington (Brown Hill)	Liverpool Corpn. W.W. ..		5	1	0	727	...	38.73	...	...
D	§Rivington (Stones House)	Liverpool Corpn. W.W. ..		5	1	0	640	...	35.62	196	136
M	Rivington (Round Loaf)	Liverpool Corpn. W.W. ..		5	1	0	970	...	37.45	...	...
	||Rivington (Great Hill)	Liverpool Corpn. W.W. ..		5	1	0	1240	...	41.63	...	...
	||Rivington (Coppice Stile)	Liverpool Corpn. W.W. ..		5	1	0	879	...	37.45	...	...
M	Rivington (Pimms)	Liverpool Corpn. W.W. ..		5	1	0	987	...	43.04	...	...
M	Rivington (Gamekeeper's)	Liverpool Corpn. W.W. ..		5	1	1	850	45.4	38.28	...	...
D	Mawdesley	Lancashire River Board ..		5	1	0	69	...	30.11	165	125
	Chorley (Filter Beds)	Liverpool Corpn. W.W. ..		8	1	0	430	...	34.27	...	...
D	Chorley (Common Bank Sew. Wks.)	E. R. Jones, Esq.		5	1	0	187	...	30.03	171	124
D	Chorley (Cowling Sewage Works) ..	Borough Engineer		5	1	0	262	...	33.06	170	135
3.—COAST STREAMS. 52 sq. mi.											
D	Formby (Freshfield Road)	J. Coney, Esq.		5	0	9	30	29.8	27.25	181	120
D	Rufford (Pulmonary Hospital)	Head Gardener*		5	1	0	38	...	28.22	148	125
D	Crossens (Pumping Station)	L. J. Lepine, Esq.		5	0	4	15	...	25.18	156	124
4.—OUSE. Aire. 2 sq. mi.											
d	Watersheddes Reservoir	G. E. V. Boldry, Esq., C.E. ..		5	1	0	1115	...	38.35	...	...
d	Foulridge (Canal Office)	British Waterways		5	1	0	497	43.5	32.58	...	...
NORTH LANCASHIRE. (Area, 609 sq. mi.)											
1.—DUDDON & C. 77 sq. mi.											
D	Barrow-in-Furness (Gasworks)	Water Engineer, Barrow ..		5	1	0	17	37.6	32.09	167	119
D	Barrow-in-Furness (Sew. Wks.) (+A)	J. N. Flitcroft, C.E.		5	1	0	20	39.3	31.56	159	121
D	Barrow-in-Furness (Dane Avenue) ..	P. M. Rainey, Esq.		5	1	0	135	...	33.39	164	119
D	Little Urswick (North View)	Miss I. Dobson		5	1	0	130	44.4	36.28	167	127
D	URSWICK Vicarage	Rev. M. D. Grieve		5	1	0	130	...	37.09	191	134
D	Dalton-in-Furness (Dowdales)	R. Kitchin, Esq.		5	1	10	150	...	36.38	160	127
D	Ulverston (Poaka Beck)	Water Engineer, Barrow ..		5	1	0	512	52.1	41.28	181	139
w	§Duddon Valley (Seathwaite Tarn) ..	Water Engineer, Barrow ..		5	1	0	1221	97.5	72.80	...	...
2.—LEVEN & C. 135 sq. mi.											
D	Ulverston (Pengwerne)	Mrs. A. M. Chapman		5	1	2	124	50.1	45.54	191	145
D	Ulverston (Park Road)	E. Satterthwaite, Esq.		5	1	0	50	...	40.96	188	131
D	Haverthwaite (Outwood)	Sir Bryan Fell, K.C.M.G.** ..		5	1	0	65	53.5	46.57	183	144
D	Haverthwaite	Lancashire River Board ..		5	1	0	43	...	44.32	161	131
d	Newby Bridge (Fell Foot)	P. S. Rhodes, Esq.**		5	1	0	175	...	46.81	...	...
D	Cartmel Fell (Tower Wood)	Windermere U.D.C.		5	1	0	150	...	47.73	181	137
	Cartmel Fell (Ghyll Head Reservoir)	F. C. Needham, Esq.		8	1	0	420	63.1	47.20	...	...

§ Turf wall round gauge.

|| Gauge over-exposed.

* Per Lancashire River Board.

** Under auspices of Freshwater Biological Association.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground		above Sea Level				
		in.	ft.	in.	ft.	in.	in.		
NORTH LANCASHIRE—(contd.)									
2.—LEVEN & C.—(contd.)									
D Coniston (Holywath)	Major J. W. B. Hext ..	8	0	9	250	94.2	78.77	206	162
d Near Sawrey (Ferry House) ..	Freshwater Biological Assoc.	5	1	0	145	...	52.94	...	...
D Far Sawrey (Righting House) ..	M. Illingworth, Esq. ..	5	0	6	440	...	50.64	182	144
D Hawkshead (Wraymires Fisheries) ..	Freshwater Biological Assoc.	5	1	0	271	...	56.08	181	148
d ||High Wray (Huyton Hill School) ..	Freshwater Biological Assoc.	5	9	0	129	...	55.33	...	...
3.—KENT & C. 45 sq. mi.									
d Heysham Harbour	British Railways	5	1	0	36	34.7	29.04	...	...
d MORECAMBE	Town Clerk	5	1	0	23	37.0	29.75	135	119
D Morecambe (Bare Lane)	K. M. Wolstencroft, Esq. ..	5	0	11	20	...	28.60	158	128
D Carnforth (Pedder Pots Reservoir) ..	L. Lyons, Esq., C.E. ..	5	1	0	268	...	33.26	178	134
D Lindale (Ellerhow)	Lady Tomlinson	5	1	0	300	51.4	36.87	173	137
4.—LUNE. 135 sq. mi.									
d Garstang (Winmarleigh Hall) ..	B. C. R. Reiss, Esq. ..	5	0	7	46	...	27.60	...	...
D Hampson-in-Ellel	John Welch, Esq. ..	5	1	0	145	38.3	27.93	160	131
Bowland Forest (High Salter) ..	Lancashire River Board ..	5	1	0	1014	...	45.20	...	...
Bowland Forest (Whiteray) ..	Lancashire River Board ..	5	1	0	1139	57.5	46.70	...	...
D Lancaster (Blea Tarn Reservoir) ..	L. Lyons, Esq., C.E. ..	5	1	0	330	...	32.64	172	137
D Lancaster (Stodday)	L. Lyons, Esq., C.E. ..	5	1	0	25	...	26.75	161	123
d Lancaster (Lune Aqueduct) ..	British Waterways ..	8	1	0	74	38.4	32.30	...	...
d Hornby (The Snab)	A. T. Storey, Esq. ..	5	1	0	110	...	38.42	...	...
5.—WYRE & C. 213 sq. mi.									
D Weeton Reservoir	Fylde Water Board ..	5	1	0	133	36.6	28.47	175	139
D Fulwood W.W. (Haighton Reservoir) ..	Lancashire River Board ..	5	1	0	264	...	29.18	165	128
D KIRKHAM (Esprick)	Director, Fairfield E.H. Stn.	5	1	0	78	35.6	27.22	163	118
D St. Michael's-on-Wyre	E. W. Hornby, Esq. ..	5	1	0	26	36.0	27.29	162	121
D Fulwood W.W. (Barnsfold Reservoir) ..	Lancashire River Board ..	5	1	0	508	...	38.01	192	155
D Thornton (Council Offices) ..	H. Anderson, Esq. ..	8	1	6	15	...	32.45	171	126
D Preesall (Pumping Station) ..	Lancashire River Board ..	5	1	0	30	...	27.61	152	125
D Garstang (Barnacre Reservoir) ..	Fylde Water Board ..	5	1	2	616	45.7	36.61	191	144
D Garstang (Grizedale Reservoir) ..	Fylde Water Board ..	5	1	0	517	43.6	32.14	190	137
Garstang (Calder Intake) ..	Fylde Water Board ..	5	1	0	632	46.6	32.55	...	...
D Garstang (Scorton)	W. G. Richmond, Esq. ..	5	1	0	92	...	30.19	169	129
Garstang (Grizedale Intake) ..	Fylde Water Board ..	5	1	0	644	46.6	32.58	...	...
D Wyresdale (Abbeystead Reservoir) ..	L. Lyons, Esq., C.E. ..	5	1	0	366	47.9	39.64	180	151
D Abbeystead Gardens	Mr. George Penk ..	5	1	0	420	50.1	36.97	191	143
D Damas Ghyll Reservoir	L. Lyons, Esq., C.E. ..	5	1	0	590	...	35.07	174	135
Quernmore (Hare Syke)	L. Lyons, Esq., C.E. ..	5	1	0	1610	69.3	52.20	...	...
6.—INSULAR. 4 sq. mi.									

DIVISION IX—YORKSHIRE

WEST RIDING. (Area, 2,803 sq. mi.)

1.—LUNE. 178 sq. mi.									
D Austwick (Springfield) ..	Lancashire River Board ..	5	1	0	500	...	32.40	189	145
D High Bentham (Inglefield) ..	Geoffrey Holmes, Esq. ..	5	1	0	412	...	32.97	175	130
D Sedbergh (Brigflatts) ..	The Misses Wilson ..	5	1	0	305	53.0	40.53	175	131
D Sedbergh School	H. Dawson, Esq. ..	5	1	0	400	...	36.08	168	123

|| Site unorthodox.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)									
2.—RIBBLE. 225 sq. mi.									
D Colne (Lower Coppy)	L. Broughton, Esq., C.E. ..	5	1	7	975	...	32.94	186	142
D Colne (Laneshaw Reservoir) ..	L. Broughton, Esq., C.E. ..	5	1	9	795	...	32.37	188	141
D Barnoldswick (County Sec. School) ..	C. R. Nutter, Esq. ..	5	1	0	567	...	29.97	180	123
d Barnoldswick (Greenberfield) ..	British Waterways ..	8	1	0	488	41.5	25.78	...	...
Slaidburn (Hareden Fell) ..	Preston Waterworks ..	8	1	2	1300	...	58.53	...	...
D Slaidburn (Hareden Valley) ..	Preston Waterworks ..	8	1	2	563	68.3	53.93	219	155
D Slaidburn (Langden Brook) ..	Preston Waterworks ..	8	1	2	559	68.6	56.07	198	162
Slaidburn (Holdron Moss) ..	Preston Waterworks ..	8	1	2	1300	...	58.99	...	...
d Slaidburn (Dunsop Houses) ..	Blackburn Waterworks ..	8	1	2	450	62.9	47.21	...	138
d Slaidburn (Footholme) ..	Blackburn Waterworks ..	8	1	4	565	62.2	46.28	...	134
d Slaidburn (Brennand) ..	Blackburn Waterworks ..	8	1	3	820	68.3	50.47	...	136
D Slaidburn (Croasdale House) ..	Fylde Water Board ..	5	0	9	600	56.7	43.80	183	143
D §Slaidburn (Stocks) ..	No. 10 Fylde Water Board ..	5	1	0	658	56.0	44.17	183	145
D SLAIDBURN (Stocks) ..	No. 11 Fylde Water Board ..	5	1	0	629	...	42.12	182	145
D Slaidburn (Phynis) ..	Fylde Water Board ..	5	1	0	572	...	43.74	182	142
M Slaidburn (Croasdale Valley) ..	Fylde Water Board ..	5	1	1	720	61.3	48.75	...	...
d Slaidburn (Whitendale) ..	Blackburn Waterworks ..	8	1	6	830	70.0	49.35	...	136
M Slaidburn (Dalehead) ..	Fylde Water Board ..	5	1	0	610	...	42.35	...	...
M Slaidburn (Holme House) ..	Fylde Water Board ..	5	1	0	601	...	43.13	...	...
M Slaidburn (Far Barn) ..	Fylde Water Board ..	5	1	0	690	...	41.51	...	...
M Slaidburn (Cabin Hill) ..	Blackburn Waterworks ..	5	1	0	1559	68.5	47.80	...	...
M Slaidburn (Saddle Hill) <i>new gauge</i> ..	Fylde Water Board ..	5	1	0	1400	...	57.04	...	...
M Slaidburn (Collyholme) ..	Fylde Water Board ..	5	1	0	650	...	42.76	...	...
M Settle (Bottoms) ..	Fylde Water Board ..	5	1	0	864	...	40.69	...	...
M Settle (Slack) ..	Fylde Water Board ..	5	1	0	780	...	41.00	...	...
M Settle (Swire Clough) ..	Fylde Water Board ..	5	1	0	1224	...	44.57	...	...
M Settle (Greet Bridge) ..	Fylde Water Board ..	5	1	0	825	...	48.59	...	...
M Settle (Lamb Hill) ..	Fylde Water Board ..	5	1	0	1328	67.3	50.10	...	...
d Settle (Gasworks) ..	A. Smalley, Esq. ..	8	2	6	450	43.9	30.72	...	...
D Giggleswick (Belfield) ..	E. H. Horner, Esq. ..	5	1	0	600	...	30.17	166	134
d Horton-in-Ribblesdale ..	Lancashire River Board ..	5	1	0	800	...	36.66	150	132
D Ribbleshead (Station) ..	British Railways, for M.O. ..	5	1	0	1025	...	59.12	195	158
3.—MERSEY. Irwell. 2 sq. mi.									
D Oldham (Strinesdale) ..	C. Busfield, Esq., C.E. ..	5	1	0	791	42.8	32.36	187	138
4.—MERSEY. Upper. 35 sq. mi.									
w Greenfield (Chew, Blindstones) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1745	57.6	42.71	...	...
w Greenfield (Chew, Great Gruff) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1650	...	43.19	...	...
D §Greenfield (Chew Mount) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1578	50.7	43.63	205	170
w §Greenfield (Chew Reservoir) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1648	57.8	45.06	...	...
w §Greenfield (Chew Sluice) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1670	56.4	42.76	...	...
D Greenfield (Sewage Disposal Works) ..	Manager ..	5	1	1	499	42.0	32.78	187	148
D §Greenfield (Yeoman Hey) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	784	49.1	39.95	198	158
w §Greenfield (Ashway Moss) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1581	...	41.58	...	...
w Greenfield (Birchen Clough) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1018	51.4	40.37	...	...
w §Greenfield (Upperwood Moor) ..	M. T. B. Whitson, Esq., C.E. ..	5	1	0	1518	...	40.51	...	...
d Saddleworth Station ..	British Waterways ..	5	1	0	574	45.4	32.66	...	...
D Standedge (Castle Shaw Broadhead) ..	C. Busfield, Esq., C.E. ..	8	1	0	857	51.5	38.00	211	158
D Denshaw (Ox Hey) ..	C. Busfield, Esq., C.E. ..	8	1	0	1031	47.1	36.95	203	154
D Denshaw (Crawshaw Hey) ..	C. Busfield, Esq., C.E. ..	8	1	0	956	47.0	36.52	203	155
D Denshaw (New Year's Bridge) ..	C. Busfield, Esq., C.E. ..	8	1	0	986	...	35.19	203	155
5.—TRENT. Derwent. 9 sq. mi.									
D Burbage (Parson's House) ..	Sheffield Corporation W.W. ..	8	1	0	1307	36.1	32.71	195	133
Burbage (Higger Lodge) ..	Sheffield Corporation W.W. ..	5	1	2	1225	36.8	34.05	...	...

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			·01 in. or more	·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)									
5.—TRENT. Derwent—(contd.)									
§Burbage (Upper Burbage)	Sheffield Corporation W.W.	5	1	0	1364	38·1	35·92	...	...
Derwent Dale (Howden Dean) No. 72	Derwent Valley Water Bd.	5	1	0	960	...	41·14	...	...
§Derwent Dale (Howden Cl'gh) No. 64A	Derwent Valley Water Bd.	5	1	0	1010	44·4	41·27	...	...
m §Derwent Dale (Sandy Lee) .. No. 7A	Derwent Valley Water Bd.	5	1	0	1320	...	42·42	...	...
6.—TRENT. Left Bank Tributaries. 143 sq. mi.									
D Tickhill (Dadsley Road)	K. G. Brown, Esq. ...	5	1	0	60	...	19·24	145	83
D Austerfield (Pumping Station) ..	Doncaster & Tickhill W. Bd.	8	1	0	32	...	17·45	138	80
D Rossington (Main Colliery)	National Coal Board ..	5	1	0	22	...	19·52	140	86
D Balby (Sewage Works) (+A)	M. Cawley, Esq., C.E. ..	5	1	0	29	...	17·55	120	80
D Doncaster (Low Pasture Pumping Stn.)	M. Cawley, Esq., C.E. ..	5	1	0	24	...	17·92	128	80
D LINDHOLME Airfield	Meteorological Office ..	5	1	0	18	...	17·71	123	85
7.—OUSE. Don. 574 sq. mi.									
Burbage (Badger House)	Sheffield Corporation W.W.	5	1	0	1138	...	34·05	...	...
D Woodhouse (Coisley Hill Works) ..	J. H. Edmondson, Esq. ..	5	1	0	243	...	25·60	159	101
D Sheffield W.W. (Redmires Res.) (R)	Sheffield Corporation W.W.	10	5	0	1110	40·3	36·18	204	133
D Sheffield (Totley)	Late Mr. D. Lewis ..	5	1	6	600	...	27·71	168	122
D Sheffield W.W. (Redmires Res.) ..	Sheffield Corporation W.W.	5	1	0	1110	41·0	36·24	204	138
Rivelin (Oaking Clough)	Sheffield Corporation W.W.	8	1	0	1171	39·8	35·07	...	...
Rivelin (Oaking Clough) .. No. 2	Sheffield Corporation W.W.	5	1	3	1185	...	36·16	...	...
Rivelin (Middle Moss)	Sheffield Corporation W.W.	5	1	0	1168	41·0	37·28	...	...
D Sheffield W.W. (Rivelin) (+A)	Sheffield Corporation W.W.	8	1	0	564	35·2	31·71	174	114
Sheffield W.W. (Black Clough) ..	Sheffield Corporation W.W.	5	1	0	1175	40·3	37·82	...	...
D Sheffield W.W. (Crookes)	Sheffield Corporation W.W.	5	1	0	629	31·0	27·78	184	114
D SHEFFIELD (Weston Park)	Borough Council ..	5	1	0	428	30·4	27·51	167	108
Loxley Valley (Crawshaw Wood) ..	Sheffield Corporation W.W.	5	1	0	1175	...	37·02	...	...
Loxley Valley (Broadcar)	Sheffield Corporation W.W.	5	1	0	1004	44·4	36·43	...	...
Loxley Valley (Oakes Fm., Damflask)	Sheffield Corporation W.W.	5	1	0	650	36·1	31·96	...	...
Loxley Valley (Loftshaw Strines) ..	Sheffield Corporation W.W.	5	1	0	1003	43·2	36·19	...	...
D Loxley Valley (Bradfield Filters) ..	Sheffield Corporation W.W.	8	1	0	551	...	33·66	193	134
D Loxley Valley (Dale Dike Reservoir) ..	Sheffield Corporation W.W.	8	1	0	715	41·9	35·24	205	133
Loxley Valley (Brogging Moss) ..	Sheffield Corporation W.W.	5	1	0	1360	...	40·76	...	...
Loxley Valley (Rocher Flat)	Sheffield Corporation W.W.	5	1	0	1106	...	32·79	...	...
Loxley Valley (Emlin Moor)	Sheffield Corporation W.W.	5	1	0	998	41·3	34·82	...	...
§Loxley Valley (White Lee Moor) ..	Sheffield Corporation W.W.	5	1	0	1170	...	32·66	...	...
Loxley Valley (Hobson Moss) ..	Sheffield Corporation W.W.	5	1	0	1530	...	38·43	...	...
D Rotherham (Ulley Reservoir) .. No. 2	E. J. Manson, Esq., C.E. ..	5	1	0	184	23·4	21·57	121	96
D Rotherham (Ulley Reservoir) .. No. 3	E. J. Manson, Esq., C.E. ..	5	1	0	132	23·2	20·70	121	92
D Wincobank (Sewage Works)	J. H. Edmondson, Esq. ..	5	1	6	110	23·0	20·24	133	90
D ROTHERHAM (Broom Lane)	L. Atkinson, Esq. ..	5	1	0	284	...	21·02	146	91
D Rotherham (Kimberworth School) ..	E. J. Manson, Esq., C.E. ..	5	1	0	285	24·7	21·00	134	97
D Rotherham (Aldwarke Sew. Wks.) (+A)	E. J. Manson, Esq., C.E. ..	5	3	0	70	...	20·13	126	80
D Rotherham (Thrybergh)	M. Cawley, Esq., C.E. ..	8	1	0	184	23·8	21·81	142	93
D Rotherham (Thorpe Hesley)	E. J. Manson, Esq., C.E. ..	5	1	0	201	...	22·68	144	95
d Grenoside (Council Offices)	Wortley R.D.C. ..	5	1	0	560	...	24·38	...	...
D Conisborough (Firsby Reservoir) ..	M. Cawley, Esq., C.E. ..	8	1	3	189	26·1	20·20	137	89
§Ewden (Middle Moss)	Sheffield Corporation W.W.	5	1	2	1600	51·0	40·12	...	...
§Ewden (Broomhead Moor)	Sheffield Corporation W.W.	5	1	2	1370	47·8	37·84	...	...
D Ewden (Canyard Brook)	Sheffield Corporation W.W.	5	1	0	585	...	30·76	176	118
Ewden (Candle Rush)	Sheffield Corporation W.W.	5	1	0	1400	...	38·75	...	...
Ewden (Broomhead Hall)	Sheffield Corporation W.W.	5	1	0	900	42·1	32·13	...	...
D Ewden (More Hall Reservoir)	Sheffield Corporation W.W.	8	1	0	408	33·9	27·16	171	109
D Ewden (Broomhead Reservoir) ..	Sheffield Corporation W.W.	5	1	0	484	...	30·41	176	118

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
			Rim above Ground		above Sea Level				
		in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)									
7.—OUSE. Don—(contd.)									
M Ewden (Margery Hill)	Sheffield Corporation W.W.	5	1	0	1784	52·3	40·74	...	...
M Ewden (Brown Edge)	Sheffield Corporation W.W.	5	1	0	1325	50·5	36·87	...	...
D Mexborough	Surveyor U.D.C.	5	1	6	77	23·4	17·00	121	79
d Wortley (Service Reservoir) ..	W. G. Lees, Esq., C.E. ..	5	1	0	700	30·0	24·53	...	102
D Midhope Moor (Barnside) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1000	43·4	38·72	179	136
M Little Don Valley (Laund Clough) ..	Sheffield Corporation W.W.	5	1	0	1515	55·7	44·75	...	...
D Little Don Valley (Underbank Res.)	Sheffield Corporation W.W.	8	1	0	604	36·8	31·78	180	119
§ Little Don Valley (Brockholes) ..	Sheffield Corporation W.W.	5	1	2	902	37·6	30·23	...	...
Little Don Valley (Sheep House) ..	Sheffield Corporation W.W.	5	1	2	945	34·6	27·73	...	...
D Langsett Moor (Midhope) ..	W. G. Lees, Esq., C.E. ..	5	1	0	823	...	36·04	180	127
D Langsett Moor (Upper Midhope) ..	Sheffield Corporation W.W.	8	1	6	925	41·6	33·14	194	127
§ Langsett Moor (Mickleden) ..	Sheffield Corporation W.W.	5	1	0	1217	48·0	41·61	...	...
Langsett Moor (Mickleden Edge) ..	Sheffield Corporation W.W.	5	1	2	1110	50·3	42·03	...	...
§ Langsett Moor (Catclough) ..	Sheffield Corporation W.W.	8	1	0	1516	47·8	44·43	...	...
§ Langsett Moor (Fiddlers Green) ..	Sheffield Corporation W.W.	5	1	0	1493	48·7	42·69	...	...
§ Dunford Bridge (Woodland Clough) ..	D. E. Strachan, Esq., C.E.	5	1	0	1440	...	46·15	...	...
§ Dunford Bridge (Brown's Clough) ..	D. E. Strachan, Esq., C.E.	5	1	0	1405	...	49·55	...	...
Langsett Moor (Border Hill) ..	Sheffield Corporation W.W.	5	1	0	1148	46·9	35·95	...	...
d Langsett Moor (Swinden Lodge) ..	Sheffield Corporation W.W.	8	1	0	1032	44·0	36·15	...	126
D Langsett Reservoir (+A)	Sheffield Corporation W.W.	5	1	0	820	...	33·92	187	129
D Langsett Moor (Flouch Road) ..	Sheffield Corporation W.W.	8	1	0	960	42·2	34·17	193	127
D Wath-upon-Deane (Wath Wood Res.)	Water Engineer	5	0	8	330	...	19·82	142	90
w § Hazlehead (Town Brook Intake) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1037	...	36·92	...	...
w § Dunford Bridge (Long Grain) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1125	51·6	39·66	...	...
D § Wogden Foot (Cat Clough) ..	W. G. Lees, Esq., C.E. ..	5	1	0	889	47·6	37·42	194	133
D Doncaster (Pumping Station) ..	M. Cawley, Esq., C.E. ..	5	1	0	31	...	18·74	135	88
§ Dunford Bridge (Dearden Moss) ..	D. E. Strachan, Esq., C.E.	5	1	0	1500	...	51·00	...	...
D Dunford Bridge (Stoney Gate) ..	D. E. Strachan, Esq., C.E.	5	1	0	1086	51·5	40·64	195	140
§ Dunford Bridge (End Springs) ..	D. E. Strachan, Esq., C.E.	5	1	0	1450	...	50·35	...	...
D § Dunford Bridge Reservoir ..	D. E. Strachan, Esq., C.E.	5	1	0	1081	53·8	41·37	198	143
§ Dunford Bridge (Swines Clough Moss)	D. E. Strachan, Esq., C.E.	5	1	0	1503	...	52·25	...	...
D § Dunford Bridge (Harden) ..	D. E. Strachan, Esq., C.E.	5	1	0	1204	52·5	41·58	200	147
§ Dunford Bridge (Reaps Slack) ..	D. E. Strachan, Esq., C.E.	5	1	0	1490	59·6	47·55	...	...
D Barnsley (Worsborough Bridge) ..	Engineer and Surveyor ..	5	1	6	150	...	20·26	137	79
d Darfield (Sewage Works) ..	Surveyor	5	1	0	83	...	20·37	...	...
D § Penistone (Royd Moor) ..	W. G. Lees, Esq., C.E. ..	5	1	0	835	...	27·96	180	114
M Penistone (Gringley Carr) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1090	...	31·15	...	...
D Penistone (Ingbirchworth Reservoir) ..	W. G. Lees, Esq., C.E. ..	5	1	0	853	...	27·86	161	111
Penistone (Spicer House) ..	W. G. Lees, Esq., C.E. ..	5	1	0	985	...	29·30	...	...
D § Penistone (Broadstone Reservoir) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1030	...	33·72	188	131
w Hepworth (Pottersgate House) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1165	...	32·80	...	...
d Barnsley (Queens Road) ..	Borough Engineer ..	5	1	0	310	...	20·20	...	...
D Doncaster (Bentley Works) ..	Research Engineer ..	5	1	0	28	...	18·61	135	89
D Barnsley (Jordan Hill) ..	W. G. Lees, Esq., C.E. ..	5	1	0	460	26·2	19·98	141	81
D Doncaster (Sandall Works) ..	M. Cawley, Esq., C.E. ..	5	1	0	41	...	19·23	126	92
D Bentley Colliery ..	National Coal Board ..	5	1	0	23	...	20·00	131	90
D Cawthorne (Cannon Hall) ..	J. M. Spencer Stanhope, Esq.	5	0	7	350	29·1	20·98	145	96
D Barnsley (Burntwood Hall) ..	R. Dymond, Esq. ..	5	1	0	378	25·9	22·39	137	95
D Kirk Bramwith ..	T. A. D. Farran, Esq., C.E.	5	2	6	22	23·2	16·14	119	82
D Thorne ..	Yorkshire Ouse River Board	5	1	0	15	...	18·61	131	85
D Hemsworth (Fitzwilliam) ..	Hemsworth & U.K. Coke Oven Co. Ltd. ..	5	1	6	246	24·0	19·53	125	88
D Featherstone (Sec. Modern School) ..	Headmaster ..	5	1	0	195	...	18·76	159	92
D Rawcliffe (Black Drain Pumping Stn.)	G. H. Simmons, Esq. ..	5	0	10	10	...	19·66	129	87
Goole ..	British Waterways ..	5	1	0	18	22·9	20·49	153	100

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground above	Sea Level			·01 in. or more	·04 in. or more
WEST RIDING—(contd.)		in.	ft.	in.	ft.	in.	in.		
8.—OUSE. Aire. Calder. 361 sq. mi.									
d Great Hey	H. P. Joyce, Esq., C.E. ..	5	1	0	1200	...	50·06	...	150
d Hey Springs	H. P. Joyce, Esq., C.E. ..	5	1	0	1100	...	46·30	...	146
d Holmbridge (Yateholme) ..	H. P. Joyce, Esq., C.E. ..	5	1	0	1009	59·2	47·54	...	151
Holmbridge (Lightens Road) ..	H. P. Joyce, Esq., C.E. ..	5	1	6	1473	...	46·81	...	...
d Holmbridge (Ramsden) ..	H. P. Joyce, Esq., C.E. ..	5	1	0	861	56·4	43·60	...	144
Holmbridge (Bilberry Reservoir) ..	J. P. Beveridge, Esq., C.E.	5	1	0	970	...	36·82	...	...
D Holmfirth (Holme Styes Reservoir) ..	Water Engineer	5	2	0	925	45·7	37·54	194	139
Holmfirth (Boshaw Whams Reservoir)	J. P. Beveridge, Esq., C.E.	5	1	0	930	...	36·48	...	...
M §Hepworth (Spring Head) ..	W. G. Lees, Esq., C.E. ..	5	1	0	1165	...	32·35	...	...
d Holmfirth (Snape Reservoir) ..	Water Engineer	5	2	0	1075	...	34·15	...	...
Meltham (Harden Moss) ..	J. P. Beveridge, Esq., C.E.	8	1	0	1212	...	38·27	...	...
Wessenden Head	J. P. Beveridge, Esq., C.E.	8	1	0	1200	...	40·05	...	...
Wessenden (Holly Bank Moss) ..	J. P. Beveridge, Esq., C.E.	8	1	0	1280	...	40·73	...	...
Wessenden (Old Reservoir) ..	J. P. Beveridge, Esq., C.E.	8	1	0	940	...	39·05	...	...
d Stanedge (Redbrook Reservoir) ..	British Waterways ..	5	1	0	1150	...	40·23	...	...
Wessenden (Butterley Moss) ..	J. P. Beveridge, Esq., C.E.	8	1	0	1110	...	41·40	...	...
§Wessenden (Bobus)	J. P. Beveridge, Esq., C.E.	8	1	0	1200	...	39·25	...	...
Meltham (Brow Grains) ..	J. P. Beveridge, Esq., C.E.	8	1	0	900	45·0	36·57	190	137
Meltham Grange	J. P. Beveridge, Esq., C.E.	8	1	0	850	42·9	34·51	187	137
d ||Marsden Reservoir	British Waterways ..	5	1	0	657	50·5	41·99	...	...
Marsden (Deerhill)	J. P. Beveridge, Esq., C.E.	8	1	0	1149	45·0	39·40	198	142
D Slaithwaite (Blackmoorfoot) ..	J. P. Beveridge, Esq., C.E.	8	1	0	800	43·1	31·80	190	132
Slaithwaite (Deanhead Reservoir) ..	J. P. Beveridge, Esq., C.E.	5	1	0	1007	...	36·70	...	...
D HUDDERSFIELD (RAVENSKNOWLE) ..	Corporation	8	1	0	325	...	24·06	153	104
D HUDDERSFIELD (OAKES)	S. Morris Bower, Esq., for M.O.	5	1	0	761	34·9	28·66	190	120
w Moss Moor (Linsgreave) ..	Wakefield Corpn. W.W. ..	5	1	0	1264	52·3	39·87	...	...
D Rishworth (Great Wolden Edge) ..	Wakefield Corpn. W.W. ..	5	1	0	1135	49·3	40·75	213	159
w Rishworth (Long Clough) ..	Wakefield Corpn. W.W. ..	5	1	0	1010	52·8	41·13	...	...
w Rishworth (Stott Hall)	Wakefield Corpn. W.W. ..	5	1	0	935	46·8	37·91	...	...
D Rishworth Lodge	Wakefield Corpn. W.W. ..	5	0	11	950	...	38·92	203	149
D Rishworth (Green Withens Reservoir)	Wakefield Corpn. W.W. ..	5	1	0	1205	48·2	36·95	196	148
w Rishworth (Pike End)	Wakefield Corpn. W.W. ..	5	1	0	1225	48·3	40·06	...	...
D Rishworth (Ringstone Res.) lower	Wakefield Corpn. W.W. ..	5	1	0	962	46·9	36·00	193	146
w Soyland Moor (Greystones) ..	Wakefield Corpn. W.W. ..	5	1	0	1192	52·6	39·61	...	...
D Soyland Moor (Rishworth Drain) ..	C. Busfield, Esq., C.E. ..	8	1	0	1301	52·9	37·19	197	149
w Soyland Moor (Waystone Drain) ..	Wakefield Corpn. W.W. ..	5	0	11	1200	...	42·49	...	...
w Soyland Moor (Summit) East ..	Wakefield Corpn. W.W. ..	5	0	11	1218	52·9	39·26	...	...
D Soyland Moor (Stansfield Hey) (+A)	Wakefield Corpn. W.W. ..	5	1	0	700	43·3	31·68	183	133
w Soyland Moor (Baitings)	Wakefield Corpn. W.W. ..	5	1	0	943	51·4	37·67	...	...
D Soyland Moor (Byron Edge) ..	C. Busfield, Esq., C.E. ..	8	1	0	1251	48·3	40·49	196	143
w Soyland Moor (Manshead) ..	Wakefield Corpn. W.W. ..	5	1	0	1225	51·6	40·55	...	...
w Soyland Moor (Turvin 1) ..	Wakefield Corpn. W.W. ..	5	1	0	1201	...	39·51	...	...
w Soyland Moor (Turvin 2) ..	Wakefield Corpn. W.W. ..	5	1	0	996	...	38·27	...	...
D Walsden (White Holme)	C. Busfield, Esq., C.E. ..	8	1	0	1240	...	39·40	196	143
D §Walsden (Calf Lee)	Rochdale Corporation ..	8	1	0	960	...	38·03	176	146
D Wakefield (Sewage Works) ..	Yorkshire Ouse River Board	5	1	0	80	...	18·45	140	92
D WAKEFIELD (Clarence Park) ..	Corporation	5	1	0	115	25·4	19·68	134	92
D Normanton (Haw Hill Park) ..	Surveyor, U.D.C.	8	1	1	136	23·3	22·02	150	102
w Walsden (Ramsden Hill) ..	Rochdale Corporation ..	5	1	0	1326	52·0	41·94	...	...
D Walsden (Ramsden Reservoir) ..	Rochdale Corporation ..	5	1	0	993	52·7	39·55	179	151
D Todmorden (Gorpley Reservoir) ..	Borough Engineer	5	1	3	900	...	44·55	191	155
D Todmorden (Fielden Hospital) ..	L. A. Crabtree, Esq. ..	5	1	0	650	...	35·95	194	146
D Todmorden (Lower Laith) ..	D. A. Lord, Esq., F.R.Met.S.	5	1	0	500	...	37·15	185	142
d Halifax (Public Library) ..	Librarian	8	1	0	625	34·3	24·64	...	...

|| Site unorthodox.

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground above		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)									
8.—OUSE. Aire. Calder—(contd.)									
D Dewsbury (Mitchell Laithes Sew. Wks.)	Manager	5	1	0	115	...	20.65	146	98
d Dewsbury (Municipal Offices)	(+A) Borough Engineer ..	5	1	6	225	...	19.59	...	...
d Dewsbury (Crow Nest Park)	.. Superintendent of Parks ..	8	1	0	300	...	20.23	...	...
D Heckmondwike (The Bottoms)	.. Spenborough U.D.C. ..	5	1	0	165	...	20.47	137	96
d Batley (Staincliffe Reservoir)	.. H. P. Joyce, Esq., C.E. ..	5	1	0	492	25.3	19.84	...	...
D Ardsley (Jaw Hill Filters)	.. Wakefield Corp'n. W.W. ..	5	1	0	315	25.8	20.35	146	99
D Ardsley Reservoir (Upper)	.. Wakefield Corp'n. W.W. ..	5	0	9	395	25.4	19.85	149	96
D Halifax W.W. (Albert Reservoir)	.. A. L. Gray, Esq., B.Sc. ..	5	1	0	795	35.3	28.34	189	131
D Todmorden (Eastwood Sew. Wks.)	.. Manager	5	1	0	368	...	33.25	191	143
D Mytholmroyd (Redacre)	.. C. H. Brock, Esq., C.E. ..	5	1	0	315	...	29.24	172	134
D Halifax W.W. (Ramsden Wood)	.. A. L. Gray, Esq., B.Sc. ..	5	1	0	815	38.3	30.90	178	140
D §Halifax W.W. (Castle Carr Lodge)	.. A. L. Gray, Esq., B.Sc. ..	5	1	0	1060	42.6	32.74	179	154
w §Halifax W.W. (Gorple Res.)	No. 2 A. L. Gray, Esq., B.Sc. ..	5	1	0	1275	...	41.55	...	...
w §Halifax W.W. (Coppo)	.. A. L. Gray, Esq., B.Sc. ..	5	1	0	1141	...	40.11	...	...
w §Halifax W.W. (Midgley Moor)	.. A. L. Gray, Esq., B.Sc. ..	8	1	0	1350	44.3	36.50	...	...
w §Halifax W.W. (Gorple Res.)	No. 3 A. L. Gray, Esq., B.Sc. ..	5	1	0	1160	...	40.93	...	...
w §Halifax W.W. (Warley Moor)	.. A. L. Gray, Esq., B.Sc. ..	8	1	0	1325	43.0	37.66	...	...
D Halifax W.W. (Ogden)	.. A. L. Gray, Esq., B.Sc. ..	5	1	0	990	...	31.01	189	140
w Halifax W.W. (Ovenden Moor)	.. A. L. Gray, Esq., B.Sc. ..	8	1	0	1375	41.8	35.42	...	...
D §Halifax W.W. (Gorple Res.)	.. A. L. Gray, Esq., B.Sc. ..	8	1	0	1028	...	42.48	201	161
w Halifax W.W. (Widdop Res.)	No. 4 A. L. Gray, Esq., B.Sc. ..	5	1	0	1060	...	43.15	...	...
D §Halifax W.W. (Widdop Res.)	No. 2 A. L. Gray, Esq., B.Sc. ..	5	1	0	1065	...	42.37	203	160
w §Halifax W.W. (Widdop Res.)	No. 3 A. L. Gray, Esq., B.Sc. ..	5	1	0	1060	...	41.41	...	...
D §Halifax W.W. (Walshaw Dean Lodge)	A. L. Gray, Esq., B.Sc. ..	5	1	0	1040	48.1	40.43	196	154
w §Halifax W.W. (Walshaw Dean)	No. 3 A. L. Gray, Esq., B.Sc. ..	5	1	0	1180	...	40.54	...	...
w §Halifax W.W. (Widdop Res.)	No. 5 A. L. Gray, Esq., B.Sc. ..	5	1	0	1280	...	43.06	...	...
w §Halifax W.W. (Walshaw Dean)	No. 4 A. L. Gray, Esq., B.Sc. ..	5	1	0	1425	...	36.08	...	...
9.—OUSE. Aire. 504 sq. mi.									
D PONTEFRAC (The King's School)	.. Headmaster	5	1	0	255	23.3	19.60	147	92
D Pontefract (Roall Waterworks)	.. A. F. Richmond, Esq., C.E. ..	8	1	0	42	23.0	19.60	139	87
D Goole (Sewage Pumping Station)	.. Borough Engineer ..	5	1	0	10	...	19.90	134	96
D Rothwell (Lemonroyd Sewage Works)	.. Rothwell U.D.C. ..	5	1	0	64	...	19.46	142	92
D Selby (Brayton Barff Waterworks)	.. Waterworks Engineer ..	8	1	0	173	...	21.04	145	84
Bradford (Brayshaw Reservoir)	.. Waterworks Engineer ..	5	1	0	982	36.5	26.72	...	...
D Bradford (Bowling Cemetery)	(+A) City Surveyor ..	5	1	0	600	...	24.79	179	119
D Bradford (Shearbridge Depot)	(+A) City Surveyor ..	5	1	0	400	...	24.81	162	122
D Bradford (Horton Park)	.. City Surveyor ..	5	1	0	597	...	25.42	159	119
D Bradford (Thornton Cemetery)	.. City Surveyor ..	5	1	0	1003	...	27.66	184	120
D Bradford (Peel Park)	.. City Surveyor ..	5	1	0	450	...	24.32	153	112
D BRADFORD (Lister Park)	.. Corporation ..	8	1	0	439	33.9	24.42	166	115
D Bradford (Thornton Moor Filters)	.. Waterworks Engineer ..	5	1	0	1190	44.3	36.98	200	147
D Bradford (Stubden Reservoir)	.. Waterworks Engineer ..	5	1	0	1071	44.9	38.07	192	140
M Bradford (Nan Scar, Oxenhope)	.. Waterworks Engineer ..	5	1	0	1101	...	35.56	...	...
M Bradford (Stairs Top, Oxenhope)	.. Waterworks Engineer ..	5	1	0	1360	...	39.15	...	...
D Bradford (Leeming Reservoir)	.. Waterworks Engineer ..	5	1	0	850	...	32.93	182	135
D Bradford (Doe Park Reservoir)	.. Waterworks Engineer ..	5	1	0	754	...	30.93	195	123
D Bradford (Leeshaw Reservoir)	.. Waterworks Engineer ..	5	1	0	875	47.3	36.72	201	138
M Bradford (Chellow Dean Reservoir)	.. Waterworks Engineer ..	5	1	0	645	34.5	26.85	...	...
D Bradford (Chellow Heights Reservoir)	.. Waterworks Engineer ..	5	1	0	848	...	27.56	174	128
D Bradford (Hewenden Reservoir)	.. Waterworks Engineer ..	5	1	0	707	...	29.75	187	131
D Bradford (Heaton Reservoir)	.. Waterworks Engineer ..	5	1	0	531	...	24.40	170	114
D Leeds (Farnley Hall)	.. (+A) City Engineer ..	5	1	0	405	...	19.68	146	99
Leeds (Wortley Reservoir)	.. K. L. Forster, Esq., C.E. ..	5	0	9	307	28.1	20.64	134	95
Leeds (Knostrop)	.. K. L. Forster, Esq., C.E. ..	5	0	9	75	24.0	20.40	149	98

‡ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)										
9.—OUSE. Aire—(contd.)										
D	Leeds (Civic Hall)	(+A) City Engineer	5	1	0	193	...	20.50	143	90
	Leeds (Woodhouse Moor)	K. L. Forster, Esq., C.E.	8	1	0	307	26.7	20.58	141	101
D	Seacroft (Leeds City Hospital)	Medical Superintendent	8	1	0	235	29.3	22.44	131	95
D	Leeds (Allerton Grange Rise)	E. J. Tibbs, Esq.	5	1	0	425	...	22.11	145	97
D	Leeds (Weetwood Filter Beds)	(+A) City Engineer	8	1	0	328	27.5	21.94	155	101
D	Leeds (Roundhay Park)	(+A) City Engineer	5	1	0	425	...	23.38	161	107
d	Haworth (Harbour Lodge)	G. E. V. Boldry, Esq., C.E.	5	1	0	1165	52.5	38.57	...	...
D	Haworth (Lower Laithe Res.)	(+A) G. E. V. Boldry, Esq., C.E.	6	1	0	772	48.1	33.79	178	137
D	§Oakworth (Oldfield Filters)	G. E. V. Boldry, Esq., C.E.	5	1	0	978	...	31.53	176	131
M	§Oakworth (Keighley Moor)	G. E. V. Boldry, Esq., C.E.	5	1	0	1300	...	36.71	...	...
M	§Oakworth (Clough Hey)	G. E. V. Boldry, Esq., C.E.	5	1	0	1075	...	35.56	...	...
w	Oakworth (Newsholme Dean)	G. E. V. Boldry, Esq., C.E.	5	1	0	675	...	31.41	...	...
M	§Oakworth (Keighley Moor)	No. 2 G. E. V. Boldry, Esq., C.E.	5	1	0	1025	...	36.63	...	...
D	Rawdon (Sewage Works)	Aireborough U.D.C.	8	1	6	150	...	20.95	132	97
D	Rawdon (Micklefield House)	Aireborough U.D.C.	5	1	0	579	...	20.10	134	95
D	BINGLEY (St. Ives Research Station)	Director	8	1	0	610	...	23.54	161	108
D	§Bingley (Gilstead Filters)	Engineer, Bradford W.W.	5	1	0	572	...	24.96	173	115
D	Baildon (Weecher Reservoir)	Surveyor & W.W. Engineer	5	1	0	825	...	22.52	187	115
D	Hawksworth (Reva Reservoir)	Yeadon W.W. Co.	5	1	2	735	...	22.42	169	109
D	Adel (Lawns Wood Cemetery)	W. R. Pearson, Esq.	5	1	1	470	...	22.60	175	103
D	Keighley (The Knowle)	P. Clough, Esq.	5	1	0	390	...	24.77	160	112
D	Keighley (Hard Ings Lane)	Chief Sanitary Inspector	5	0	10	304	35.7	24.32	154	114
M	Bingley (Sunnydale Res.)	Engineer, Bradford W.W.	5	1	0	825	33.1	26.36	...	...
d	Guiseley (Moor Top)	Aireborough U.D.C.	8	1	6	750	...	21.28	...	...
d	Salterforth (Barnoldswick Waterworks)	Barnoldswick U.D.C.	8	1	4	832	46.6	33.35	...	...
d	Earby (Sewage Works)	(+A) Surveyor	5	1	9	426	38.0	28.61	155	128
D	Silsden Reservoir	Engineer, Bradford W.W.	5	1	0	560	31.2	24.55	172	119
M	Silsden (Cringles Reservoir Site)	Engineer, Bradford W.W.	5	1	0	715	31.3	23.92	...	...
D	Elslack (Stories Farm)	Barnoldswick U.D.C.	5	0	7	675	39.1	30.76	178	142
D	Skipton (Town Hall)	(+A) K. B. Robinson, Esq.	8	1	2	367	33.5	24.20	180	122
d	Skipton	British Waterways	5	5	4	346	...	25.85	...	...
d	Gargrave (Banks Hill Bank)	British Waterways	8	1	0	545	35.5	31.63	...	...
d	Gargrave (Raybridge Hill)	British Waterways	8	0	10	459	34.2	30.96	176	157
d	Winterburn (Long Hill)	British Waterways	8	1	0	705	37.8	30.24	178	154
w	Winterburn (Brown Hill)	British Waterways	8	1	0	961	42.8	30.39	...	...
d	Malham (Lee Gate)	British Waterways	5	1	0	1175	...	38.23	...	...
D	Settle (MALHAM TARN)	C. Promotion Field Studies	5	1	0	1297	...	44.33	196	152
10.—OUSE. Wharfe. 408 sq. mi.										
D	CHURCH FENTON Airfield	(+A) Meteorological Office	8	1	0	27	...	20.29	143	82
D	CAWOOD (Exp. Husbandry Farm)	Director	5	1	0	20	22.5	20.37	121	81
D	BRAMHAM (Headley Hall)	Leeds University	5	1	2	177	...	21.63	135	92
	Adel (Eccup, East)	K. L. Forster, Esq., C.E.	5	0	9	375	29.3	25.29	160	110
	Harewood (Arthington)	K. L. Forster, Esq., C.E.	8	0	9	139	...	23.58	163	106
d	Harewood House	The Earl of Harewood	5	0	10	300	29.7	24.33	...	...
D	Otley (Sewage Works)	J. A. A. Pratt, Esq., C.E.	5	1	7	172	28.5	21.54	136	100
D	ILKLEY (Spence's Garden)	Engineer & Surveyor	5	1	0	315	35.1	26.37	170	116
D	ASKHAM BRYAN	Yorkshire Inst. of Agriculture	5	1	0	90	24.5	21.33	146	90
	Leathley (Lindley Woods)	K. L. Forster, Esq., C.E.	8	0	9	312	31.6	25.10	167	112
d	Ilkley (March Ghyll Reservoir)	J. A. A. Pratt, Esq., C.E.	5	1	0	705	34.0	28.55	...	124
D	York (Bishophthorpe Road)	J. Terry & Sons, Ltd.	5	1	0	51	...	18.32	125	83
D	York (Acomb Landing)	York Waterworks Co.	5	1	0	40	22.6	20.18	150	86
	Skipton (Counter Hill)	Engineer, Bradford W.W.	5	1	0	951	30.2	22.30	...	...
D	Skipton (Chelker Reservoir)	Engineer, Bradford W.W.	5	1	0	730	32.9	24.70	177	135
	Beamsley (Overdale)	Mrs. A. Downs	5	1	0	420	35.3	26.90	158	126

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground above	Sea Level			·01 in. or more	·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
WEST RIDING—(contd.)									
10.—OUSE. Wharfe—(contd.)									
Fewston (Timble Ings)	K. L. Forster, Esq., C.E. ..	5	0	9	912	40·5	30·66	177	138
Fewston (Swinsty, East)	K. L. Forster, Esq., C.E. ..	8	0	9	460	34·4	25·20	163	119
Fewston, North	K. L. Forster, Esq., C.E. ..	8	0	9	525	35·4	28·34	177	118
Fewston (Blubberhouses)	K. L. Forster, Esq., C.E. ..	8	0	9	575	37·1	30·11	171	143
D Bolton Abbey (Estate Office)	E. E. Hey, Esq.	5	1	2	368	36·3	28·34	170	126
D §Barden Reservoir	Engineer, Bradford W.W. ..	5	1	0	746	41·8	38·70	191	155
M Upper Barden Reservoir	Engineer, Bradford W.W. ..	5	1	0	1164	...	39·18	...	...
Rocking Moor (Spittle Ings)	K. L. Forster, Esq., C.E. ..	5	1	0	967	43·3	31·01	...	...
Thruscross (Lane Head)	K. L. Forster, Esq., C.E. ..	5	0	9	950	41·7	30·62	149	128
§Burnsall (Thorpe Fell)	Engineer, Bradford W.W. ..	5	1	0	1649	...	42·10	...	...
Burnsall (Sandbed Beck)	Engineer, Bradford W.W. ..	5	1	0	676	41·0	34·73	...	...
Braithwaite Moor (High House)	K. L. Forster, Esq., C.E. ..	5	1	0	1068	43·1	34·41	...	...
D Grimwith Reservoir	Engineer, Bradford W.W. ..	5	1	0	884	43·9	35·09	198	153
M Grimwith (Trunla Hill)	Engineer, Bradford W.W. ..	5	1	0	1201	46·5	36·63	...	...
d Oughtershaw	Mr. T. White	5	1	0	1117	...	52·70	191	159
11.—OUSE. Nidd. 254 sq. mi.									
D Spofforth (Sewage Works)	Harrogate Corporation	5	1	0	181	27·0	20·94	155	99
D Tockwith School	W. Kirk, Esq.*	5	1	0	77	...	22·00	153	96
§Harrogate W.W. (Ling Cottage)	Water Engineer, Harrogate ..	5	1	0	763	33·4	28·52	...	...
Harrogate W.W. (Broad Dubb)	Water Engineer, Harrogate ..	5	1	0	725	34·1	30·17	...	...
Harrogate W.W. (Cobblers Cottage)	Water Engineer, Harrogate ..	8	1	0	730	33·5	28·04	...	...
D Harrogate W.W. (Ten Acres Res.)	Water Engineer, Harrogate ..	8	1	6	620	34·9	26·72	176	123
D Harrogate W.W. (Scargill Res.)	Water Engineer, Harrogate ..	8	1	0	646	34·8	31·09	180	120
D Harrogate W.W. (Beaverdyke Res.)	Water Engineer, Harrogate ..	5	1	0	575	34·1	30·44	184	129
Harrogate (John O'Gaunt's)	Water Engineer, Harrogate ..	8	1	0	600	33·8	29·70	...	...
§Harrogate W.W. (Long Stoop)	Water Engineer, Harrogate ..	5	1	0	700	33·8	31·05	...	...
Harrogate W.W. (Knabb's Moor)	Water Engineer, Harrogate ..	5	1	0	700	32·5	29·71	...	...
D Harrogate (Harlow Hill Reservoir)	Water Engineer, Harrogate ..	8	1	0	549	...	23·11	144	107
D Harrogate (Irongatebridge Reservoir)	Water Engineer, Harrogate ..	8	1	6	455	29·3	24·39	149	112
D Knaresborough (Water Tower)	Water Engineer, Harrogate ..	8	1	0	240	27·1	21·81	133	95
D HARROGATE (Bilton Sewage Works)	Corporation	5	1	0	208	28·5	22·06	150	99
D Birstwith Hall	Sir Cecil Aykroyd, Bart. ..	5	1	0	325	34·4	26·19	141	120
M Ramsgill (Holme House, Gouthwaite)	Engineer, Bradford W.W. ..	5	1	0	464	39·9	29·05	...	...
D Ramsgill (Raygill House)	Engineer, Bradford W.W. ..	5	1	0	925	...	35·39	166	141
D Ramsgill	Engineer, Bradford W.W. ..	5	1	0	450	...	33·03	159	127
M Nidderdale (East Gill Head)	Engineer, Bradford W.W. ..	5	1	0	1710	57·6	40·11	...	...
M §Nidderdale (Rain Stang)	Engineer, Bradford W.W. ..	5	1	0	1470	...	42·39	...	...
M Nidderdale (New Houses)	Engineer, Bradford W.W. ..	5	1	0	755	45·8	34·20	...	...
D Nidderdale (West Houses)	Engineer, Bradford W.W. ..	5	1	0	1165	52·5	39·77	167	139
D Scar House Reservoir	Engineer, Bradford W.W. ..	5	1	0	1085	...	36·29	167	128
12.—OUSE. Ure. 110 sq. mi.									
d Burton Leonard	W. Clough, Esq.	5	1	0	290	...	19·31	140	90
Pateley Bridge (Skell Beck)	Water Engineer, Harrogate ..	5	1	0	900	...	30·13	...	...
Dallow Moor (Harper Hill)	K. L. Forster, Esq., C.E. ..	8	0	9	819	...	27·36	...	112
D Ripon (Grammar School)	Headmaster	5	1	0	150	...	18·36	139	88
Kirkby Malzeard (Drovers' Inn)	K. L. Forster, Esq., C.E. ..	5	0	9	576	36·0	27·52	...	130
Kirkby Malzeard (Hawsett)	K. L. Forster, Esq., C.E. ..	5	0	9	820	37·1	27·19	158	121
w Kirkby Malzeard (Hambleton Hill)	K. L. Forster, Esq., C.E. ..	8	0	9	1106	39·7	28·84	...	...
Kirkby Malzeard (Bagwith Brae)	K. L. Forster, Esq., C.E. ..	5	0	9	703	32·9	27·95	164	134
w Kirkby M. (Stone & Ears Wham)	K. L. Forster, Esq., C.E. ..	5	0	9	1118	39·7	29·06	...	...

* Per Yorkshire Ouse River Board.

§ Turf wall round gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
EAST RIDING. (Area, 1,176 sq. mi.)									
1.—OUSE. Left Bank Tributaries. 82 sq. mi.									
D Riccall	Yorkshire Ouse River Board	5	1	0	18	...	20.62	150	84
D York (The Retreat)	Secretary	5	1	0	60	...	21.85	145	92
2.—OUSE. Derwent. 248 sq. mi.									
D Warter	Yorkshire Ouse River Board	5	1	0	290	...	24.47	144	108
D Birdsall Gardens	Mr. J. Anderson	5	1	2	308	29.2	25.39	152	112
D Rillington (Scampston Hall)	Mr. E. W. Hodgson*	5	1	6	102	27.1	21.05	152	107
D Ganton (Golf Club)	Secretary	5	1	2	100	...	24.38	147	112
D Ganton (Ganton Hall)	E. W. Wrigley, Esq.	5	1	0	250	27.5	23.63	162	114
3.—HUMBER. Left Bank Tributaries. 675 sq. mi.									
D §SPURN HEAD (R.N. Signal Station)	Chief Officer, for M.O.	5	1	0	29	22.7	18.37	133	95
D Hessele (Sandford)	Lieut. C. S. Sherwood, R.N.V.R.	5	1	0	90	...	19.36	149	94
D HULL (Pearson Park)	General Superintendent	5	0	10	8	25.4	20.22	138	95
D Hull (Springhead)	Hull Waterworks	5	1	0	14	25.5	19.15	126	92
D Anlaby (Beverley Rd.)	G. G. Leaf, Esq.	5	1	0	36	...	19.84	132	100
D Burton Pidsea (The Nurseries)	C. Bromby, Esq.	5	1	0	23	...	19.66	159	86
D Cottingham (Dunswell Pumping Stn.)	Hull Waterworks	5	1	0	6	...	20.26	149	95
D Holme-on-Spalding Moor (Parkgate)	G. Allan, Esq.	8	1	0	30	23.6	20.43	149	92
D Beverley (Broadgate Hospital)	Physician Superintendent	5	1	0	175	26.5	20.52	128	91
D Beverley (Hull Bridge)	Hull & E. Yorks River Bd.	5	2	6	11	24.9	20.88	133	105
D Market Weighton (Dalton Holme)	W. F. Cullen, Esq.	8	6	6	120	27.3	20.89	133	101
D Brandesburton (Hempholme Lock)	Hull & E. Yorks River Bd.	5	1	0	11	24.6	21.50	141	105
D Hutton Cranswick (Vicarage)	Rev. G. Storer	5	1	0	79	...	18.07	147	89
D DRIFFIELD Airfield (+A)	Meteorological Office	5	1	0	69	...	21.66	157	97
d Lowthorpe (Woodman's Cottage)	K. Kettlewell, Esq.	5	1	0	63	26.5	21.42	169	101
4.—EAST COAST STREAMS. 171 sq. mi.									
D Withernsea (High School)	E. Brown, Esq.	5	1	0	28	...	18.91	151	93
D Hornsea (Town Hall)	Hornsea U.D.C.	5	1	0	12	...	17.73	126	92
D Burton Agnes (Pumping Station)	H. South, Esq., C.E.	5	1	0	52	...	22.19	176	105
D §BRIDLINGTON (Mill Lane)	H. South, Esq., C.E.	5	1	0	157	...	23.40	177	112
D HIGH MOWTHORPE	Farm Director	5	1	0	574	...	25.76	187	116
D Weaverthorpe (The School House)	H. Wilkinson, Esq.	5	1	0	270	...	24.61	...	...
D Filey (Rosedale Reservoir)	Water Engineer	5	1	0	197	...	24.26	168	111
D Filey (Pumping Station)	Water Engineer	5	1	0	123	...	21.92	158	114
NORTH RIDING. (Area, 2,155 sq. mi.)									
1.—OUSE. Ure. 273 sq. mi.									
M Masham Moor (Arnagill Beck West)	Water Engineer, Harrogate	5	1	0	1210	41.6	33.30	...	...
M Masham Moor (Arnagill Beck East)	Water Engineer, Harrogate	5	1	0	1150	39.5	31.34	...	...
M Masham Moor (Grey Ridge)	Water Engineer, Harrogate	5	1	0	1330	44.3	29.12?	...	...
M Masham Moor (Low Ash Head)	Water Engineer, Harrogate	5	1	0	845	40.7	34.94	...	...
M Masham Moor (Agill Head)	Water Engineer, Harrogate	5	1	0	1380	43.4	36.59	...	...
D Masham Moor (Roundhill Reservoir)	Water Engineer, Harrogate	8	1	0	743	37.6	30.14	197	127
Roundhill Reservoir No. 2	Water Engineer, Harrogate	8	1	0	925	38.8	29.78	184	126
Masham Moor (High Sour Mire)	K. L. Forster, Esq., C.E.	5	0	9	884	...	29.38	...	...
Masham Moor (Leighton Reservoir)	K. L. Forster, Esq., C.E.	5	0	9	634	35.9	28.68	172	125
Masham Moor (Towler Hill)	K. L. Forster, Esq., C.E.	5	0	9	820	36.7	28.53	168	128
Masham Moor (Brealy Bank)	K. L. Forster, Esq., C.E.	5	0	9	600	36.8	28.66	169	125
Masham Moor (Healey Pasture)	K. L. Forster, Esq., C.E.	5	0	9	620	36.1	29.60	170	127

§ Turf wall round gauge.

* Per Yorkshire Ouse River Board.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
			Diam. in.	Height of Rim above Ground ft.	Ground above Sea Level ft.	Rain- fall in.		Days with ·01 in. or more	Days with ·04 in. or more	
NORTH RIDING—(contd.)			in.	ft.	in.	ft.	in.	in.		
1.—OUSE. Ure—(contd.)										
	Masham Moor (Low Houses)	.. K. L. Forster, Esq., C.E. ..	5	0	9	693	37·9	28·48	...	119
d	Bishopdale (Longridge)	.. Yorkshire Ouse River Board	5	1	0	810	...	43·71	...	128
D	West Burton (Flanders Hall)	.. Mrs. Johnson* ..	5	1	0	548	36·3	27·15	172	121
D	Hawes (Sewage Works)	.. Yorkshire Ouse River Board	5	1	0	745	...	39·11	169	139
	Leyburn (Spennithorne)	.. F. M. Curtis, Esq., F.R.Met.S.	5	1	0	358	29·9	23·49	172	109
D	Leyburn (Bolton Hall)	.. Head Gardener ..	5	1	0	420	32·6	25·33	159	124
D	Askrigg (Yorebridge Grammar School)	F. E. Chevins, Esq. ...	5	1	0	670	...	27·94	166	126
d	Hawes Junction (Moorland Cottage) ..	Mr. W. Ireland ..	5	1	6	1125	...	50·37	...	...
2.—OUSE. Swale. 569 sq. mi.										
D	DISHFORTH Airfield ..	.. Meteorological Office ..	5	1	0	106	22·7	19·05	141	96
d	Coxwold (The Old Hall)	.. L. Geipel, Esq. ..	5	1	6	260	26·1	22·25	...	...
d	Thirsk (Topcliffe Airfield)	.. (+A) Meteorological Office ..	5	1	0	81	...	18·66	136	88
D	Thirsk (Ashton House)	.. Mrs. F. E. Walker ..	5	1	6	112	...	19·61	140	92
D	Thirsk (Sowerby)	.. Mrs. M. Brown ..	5	1	0	110	24·7	19·62	141	93
D	Thirsk (South Villa)	.. B. Foggitt, Esq. ..	5	1	0	115	24·7	19·61	141	93
	Felixkirk (Thirlby)	.. A. J. Walker, Esq. ..	5	1	0	315	27·1	23·25	...	...
D	Felixkirk (Mount St. John)	.. A. J. Walker, Esq. ..	5	1	0	540	...	21·94	165	109
D	Felixkirk (Mount St. John)	.. (+A) A. J. Walker, Esq. ..	5	1	0	540	26·5	22·00	165	109
	Boltby, East ..	.. A. J. Walker, Esq. ..	5	1	0	459	26·2	23·82	...	...
D	Maunby Hall ..	.. Col. A. Hill-Walker, V.C. ..	5	4	6	90	23·9	21·45	150	106
D	Scruton (Post Office)	.. C. Wainscoat, Esq. ...	5	1	0	110	23·8	20·22	149	100
D	Tunstall (Craggs Lane Farm) ..	.. E. B. Potts, Esq. ..	5	1	0	550	...	23·03	144	108
D	Swaledale (Rowleth End)	.. S. H. Clarke, Esq. ..	5	1	0	700	...	32·10	190	140
d	Swaledale (Gunnarside Lodge)	.. The Rt. Hon. Lord Peel ..	5	1	0	985	47·8	34·22	...	...
D	Osmotherley (Filter Station)	.. Northallerton & Dist. W.Bd. ..	5	0	9	482	...	23·77	160	119
	Osmotherley (Oakdale W.W.)	.. Northallerton & Dist. W.Bd. ..	5	1	0	600	28·3	24·33	...	...
D	East Harlsey (Harlsey Hall)	.. Mrs. Constantine ..	5	1	0	370	...	22·25	164	119
d	Swaledale (Keld)	.. Yorkshire Ouse River Board	5	1	0	1040	...	42·72	...	...
D	Richmond (Green Howard Road)	.. Borough Surveyor* ..	5	1	0	605	...	23·59	167	113
3.—OUSE. Left Bank Tributaries. 153 sq. mi.										
D	YORK (Museum)	.. Yorks.Phil.Soc.(Dr.Collinge)	5	1	0	57	24·3	19·38	158	86
4.—OUSE. Derwent. 509 sq. mi.										
D	Easingwold ..	.. Yorkshire Ouse River Board	5	1	0	95	...	19·93	141	101
D	Welburn ..	.. R. Child, Esq. ..	5	1	0	200	26·1	23·94	179	112
D	Malton (Broughton Road)	.. C. C. Laverack, Esq. ..	5	1	0	152	25·5	22·44	149	106
D	Hovingham Hall ..	.. Col. Sir William Worsley Bt. ..	5	0	9	119	29·0	19·43	135	94
D	AMPLEFORTH ..	.. Rev. G. Lynch, O.S.B. ..	5	1	0	313	...	24·08	153	115
D	Oswaldkirk (Leysthorpe Hall)	.. Major G. B. Foster ..	5	1	0	231	...	22·46	150	109
d	Nunnington Hall Gardens	.. E. C. O. Thompson, Esq. ..	5	1	0	125	...	20·68	...	...
D	Pickering (Porters Headland) ..	.. J. Randall, Esq. ..	5	1	0	143	...	22·47	165	107
d	Wykeham Nursery ..	.. Forestry Commission ..	5	1	0	475	...	25·48	...	...
D	Seamer (Irton Pumping Station)	.. H. V. Overfield, Esq., C.E. ..	5	1	0	94	28·7	24·10	162	118
D	Scarborough (Osgodby)	.. H. V. Overfield, Esq., C.E. ..	5	1	0	166	26·1	20·63	...	111
d	Kirkby Moorside (Ravenswyke)	.. Lt.-Col. V. H. Holt, M.C., J.P. ..	5	1	0	270	27·2	24·08	...	115
D	Hutton-le-Hole (Elphield)	.. R. W. Crosland, Esq. ..	5	1	0	340	...	27·96	166	131
D	Bilsdale (St. John's Church)	.. Yorkshire Ouse River Board	5	1	0	435	...	29·10	169	131
D	SILPHO MOOR ..	.. Forestry Commission ..	5	1	0	662	...	29·02	203	125
M	Farndale 7 ..	.. Hull Waterworks ..	5	1	0	1021	...	36·15	...	...
d	Farndale (Rudland Slack)	.. Hull Waterworks ..	5	1	0	877	...	27·09	...	...
D	Farndale (Vicarage)	.. (+A) Hull Waterworks ..	8	1	0	495	...	29·10	155	132
M	Rosedale 19 ..	.. Hull Waterworks ..	5	1	0	599	...	36·69	...	...
M	Rosedale 17A ..	.. Hull Waterworks ..	5	1	0	986	...	36·04	...	...
M	Bransdale 3 ..	.. Hull Waterworks ..	5	1	0	739	...	36·28	...	...
M	Bransdale 4B ..	.. Hull Waterworks ..	5	1	0	1184	...	36·34	...	...

* Per Yorkshire Ouse River Board.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS				AUTHORITIES		Rain-gauge		Average Rain-fall	1955					
						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 RIDING—(contd.)						in.	ft.	in.	ft.	in.	in.			
4.—OUSE. Derwent—(contd.)														
M	Farndale 9	..	..	..	..	Hull Waterworks	5	1	0	1015	...	35.66	...	...
M	Farndale 10	..	..	..	..	Hull Waterworks	5	1	0	574	...	34.83	...	...
M	Farndale 13	..	..	..	..	Hull Waterworks	5	1	0	1055	...	34.12	...	...
M	Farndale 14	..	..	..	..	Hull Waterworks	5	1	0	1286	...	34.36	...	...
M	§Rosedale 18	..	..	..	..	Hull Waterworks	5	1	0	1337	...	35.09	...	...
M	Rosedale 14A	..	..	..	..	Hull Waterworks	5	1	0	1329	...	36.40	...	...
5.—ESK & C. 278 sq. mi.														
D	SCARBOROUGH	..	..	..	..	(+A) Medical Officer of Health	5	1	0	118	25.8	22.08	177	120
D	Scarborough (Scalby)	..	..	..	..	Capt. Sir William Wordsworth	5	1	0	210	...	23.54	191	124
W	Goathland (Hydro)	..	..	..	..	E. N. Burn, Esq.	5	1	0	450	...	26.19	...	...
D	Westerdale	..	..	..	..	Engineer & Surveyor	8	0	8	760	...	30.16	179	120
d	Sleights (Hall Cottage)	..	..	..	..	George Gibson, Esq.	5	1	0	235	30.7	23.81	...	...
D	Danby Lodge	..	..	..	..	Viscount Downe*	5	1	0	399	...	30.23	204	129
D	WHITBY (Pannett Park)	..	..	..	..	Park Superintendent	8	1	0	135	...	21.65	152	114
D	Mulgrave Castle	..	..	..	..	Yorkshire Ouse River Board	5	1	0	410	...	23.79	155	119
D	Guisborough (Lockwood Reservoir)	..	..	..	..	Cleveland Water Co.	8	1	0	632	33.0	26.71	189	131
D	Guisborough (Pinchinthorpe House)	..	..	..	..	H. G. W. Debenham, Esq.	5	1	0	340	...	23.44	153	114
D	Guisborough (Grammar School)	..	..	..	..	Headmaster	5	1	0	330	...	25.85	185	124
D	Guisborough (Waterworks)	..	..	..	..	Guisborough U.D.C.	5	1	2	600	...	25.31	161	122
D	Saltburn (North Skelton Mine)	..	..	..	..	Dorman, Long & Co., Ltd.	5	1	0	304	...	22.81	139	102
D	REDCAR	..	..	..	..	Town Clerk	5	1	0	25	24.2	18.28	164	107
6.—TEES. 373 sq. mi.														
D	Ingleby Manor	..	..	..	..	Mrs. Diana Marrell	5	1	0	500	33.9	25.82	154	115
D	Kildale Hall	..	..	..	..	Mrs. R. B. Turton	5	1	2	600	35.5	28.81	151	123
D	Crathorne Hall Gardens	..	..	..	..	Maj. Sir Thomas Dugdale	5	1	3	185	25.0	20.44	152	114
D	Barningham Park	..	..	..	..	Sir Frederick Milbank, Bart.	8	1	0	750	32.6	26.33	169	116
D	Yarm (Worsall Hall)	..	..	..	..	Major H. K. D. Evans	5	1	0	60	...	19.69	129	105
D	Nunthorpe (The Box)	..	..	..	..	G. D. Cochrane, Esq.	5	1	3	287	25.2	21.79	143	120
D	Middlesbrough (Albert Park)	..	..	..	..	H. C. Hildyard, Esq.	5	1	0	30	23.7	18.66	157	116
D	Middlesbrough (South Bank)	..	..	..	..	(+A) N. C. Harrison, Esq., C.E.	5	1	0	41	...	18.81	146	112
D	Normanby (Ironworks)	..	..	..	..	Pease & Partners, Ltd.	5	1	0	14	...	19.21	131	102
D	Baldersdale (Aygill)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	6	1250	49.5	35.70	...	...
D	Lartington Filters	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	735	32.1	23.87	176	119
D	Baldersdale (Blackton Reservoir)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	937	40.9	31.44	...	...
D	Baldersdale (Balderhead)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	1360	45.7	38.30	...	...
D	Baldersdale (Hury Res.) old g. site	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	856	36.0	28.50	179	129
D	Baldersdale (Hury Res.) new g. site	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	862	37.3	27.02	179	125
D	Lunedale (Dow Crag)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	1720	57.6	41.70	...	...
D	Lunedale (Lunehead)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	1450	55.0	42.60	...	...
D	Lunedale (Selset)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	924	40.3	32.48	...	...
D	Lunedale (Grassholme Reservoir)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	936	38.6	28.98	171	136
D	Lunedale (Keekham)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	0	1660	62.1	50.30	...	...
D	Lunedale (Hargill)	..	..	..	..	T. S. R. Winter, Esq., C.E.	5	1	5	1320	52.6	43.00	...	...

DIVISION X—NORTHERN COUNTIES

DURHAM. (Area, 1,011 sq. mi.)

1.—TEES & C. 396 sq. mi.											
D	Darlington (South Park)	.. ..	A. Peak, Esq.	5	1	0	100	27.1	19.75	154	114
D	Darlington (Waterworks)	.. .. (+A)	Borough Surveyor	5	1	0	161	...	17.41	145	97

* Per Yorkshire Ouse River Board.

§ Turf wall round gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
DURHAM—(contd.)									
1.—TEES & C.—(contd.)									
D Darlington (Broken Scar)	T. S. R. Winter, Esq., C.E.	5	1	0	158	26.2	17.36	139	102
D Darlington (Coniscliffe Road) ..	Wear & Tees River Board..	5	1	0	173	...	18.47	145	102
D Darlington (Fighting Cocks Reservoir)	T. S. R. Winter, Esq., C.E.	5	1	0	171	25.2	18.19	154	102
D MIDDLETON ST. GEORGE .. (+A)	Meteorological Office ..	5	1	0	114	...	16.97	149	96
D Egglescliffe (Cranbourne)	G. Cellan-Jones, Esq. ..	5	1	2	93	24.0	19.37	155	107
D Barnard Castle (Bowes Museum) ..	T. Wake, Esq. ..	5	1	0	500	30.4	22.43	165	116
D Long Newton Reservoir	T. S. R. Winter, Esq., C.E.	5	0	9	184	25.5	19.57	163	105
D Stockton-on-Tees (Ropner Park) ..	Park Curator ..	5	1	0	61	22.9	18.59	147	107
D Stockton-on-Tees (Billingham) (+A)	Imperial Chem. Indust., Ltd.	5	1	6	35	23.3	17.92	159	99
D Staindrop (Raby Castle)	Lord Barnard, C.M.G., M.C.	5	1	0	450	27.6	22.77	157	118
d Eggleston (Wood Hill)	E. A. Smith, Esq. ..	5	1	0	1000	34.2	27.17	173	132
d Shildon (Eden Grange)	J. T. Petty, Esq. ..	5	1	0	384	...	19.67	...	...
D Middleton-in-Teesdale (Newbiggin) ..	Mrs. Coggins ..	5	1	0	1000	44.2	31.34	180	140
D Forest-in-Teesdale (+A)	Postmistress, for M.O. ..	5	1	0	1250	...	41.30	227	153
D Embleton (Crookfoot Reservoir) ..	J. Clough, Esq., B.Sc. ..	8	1	0	293	25.4	18.46	162	109
D WEST HARTLEPOOL (The Clock) ..	H. Lamb, Esq. ..	5	1	0	30	...	18.10	160	107
D West Hartlepool (Waterworks) ..	J. Clough, Esq., B.Sc. ..	5	1	0	35	24.7	18.46	168	107
D West Hartlepool (Secondary School)	J. J. Carey, Esq. ..	5	1	0	62	...	19.48	161	111
D Hurworth Burn Reservoir	J. Clough, Esq., B.Sc. ..	8	1	0	357	26.5	19.38	153	106
D Hartlepool (Hart Reservoir)	J. Clough, Esq., B.Sc. ..	8	1	0	172	...	18.01	171	109
D Shotton (New Winning Pumping Stn.)	A. G. McLellan, Esq., C.E.	5	1	0	402	29.4	20.84	163	106
D Easington (Mill Hill Reservoir) ..	A. G. McLellan, Esq., C.E.	5	1	0	521	...	19.94	169	104
D Seaham (Dalton Pumping Station) ..	A. G. McLellan, Esq., C.E.	5	1	0	345	27.0	19.78	169	110
2.—WEAR. 464 sq. mi.									
D Wolsingham (Shull)	Mrs. W. A. Mounsey ..	5	1	0	600	...	24.82	167	120
d Stanhope (Parson Byers Quarry) ..	Dorman, Long & Co., Ltd.	5	1	6	860	31.7	22.59	...	...
Burnhope (Grass Meres)	A. C. Wildsmith, Esq., C.E.	5	1	3	1850	59.1	46.25	...	...
D Burnhope Reservoir	A. C. Wildsmith, Esq., C.E.	8	1	0	1160	...	38.84	212	149
D Durham (HOUGHALL Hort. Station) ..	Director of Agriculture ..	5	1	0	160	26.4	19.83	159	114
D DURHAM (University Observatory)(+A)	Director ..	5	1	0	336	24.6	19.08	153	103
d Weardale W.W. (Tunstall Reservoir)	A. C. Wildsmith, Esq., C.E.	8	1	2	724	32.4	26.44	...	...
D USHAW COLLEGE	President ..	5	1	0	594	28.2	20.86	150	105
Weardale W.W. (Waskerley 6) ..	A. C. Wildsmith, Esq., C.E.	8	1	0	1229	...	25.73	...	...
Weardale W.W. (Waskerley 3) ..	A. C. Wildsmith, Esq., C.E.	8	1	0	1433	...	28.04	...	...
D Weardale W.W. (Waskerley) ..	A. C. Wildsmith, Esq., C.E.	8	1	0	1179	33.1	25.78	195	132
Weardale W.W. (Waskerley 1) ..	A. C. Wildsmith, Esq., C.E.	8	1	0	1317	...	23.81?	...	...
D Lanchester (Craigmere)	Basil Sadler, Esq. ..	5	1	0	400	...	21.48	160	114
D §Consett (Crockhall Sewage Works) ..	E. Simpkin, Esq., C.E. ..	5	1	0	700	...	22.35	159	112
d Consett (Stockley House)	Mrs. J. Shackleton ..	5	1	6	642	...	21.72	...	...
D Lanchester (Langley Close)	Basil Sadler, Esq. ..	5	1	0	756	...	20.65	159	114
D South Moor (Colliery Office) ..	Basil Sadler, Esq. ..	5	1	0	616	...	21.53	...	...
d Ryhope (Pumping Station)	A. G. McLellan, Esq., C.E.	5	1	1	228	25.4	18.64	169	104
Washington (Glebe Modern School) ..	R. K. Ferguson, Esq. ..	5	1	2	160	...	21.17	...	...
d Sunderland (Thorneholme)	Medical Officer of Health ..	5	1	0	130	25.6	18.61	...	111
3.—TYNE. Lower. 151 sq. mi.									
d Hunstanworth (Presser Villa) ..	A. C. Wildsmith, Esq., C.E.	5	1	0	1301	...	25.98	...	...
D Weardale W.W. (Hisehope Reservoir)	A. C. Wildsmith, Esq., C.E.	5	1	0	1450	...	25.76	203	129
D Weardale W.W. (Smiddy Shaw) ..	A. C. Wildsmith, Esq., C.E.	8	1	3	1128	34.1	24.18	182	128
M Edmondbyers Common	A. G. McLellan, Esq., C.E.	5	1	0	1540	...	30.50	...	...
M Edmondbyers (Feldon Burn) ..	A. G. McLellan, Esq., C.E.	5	1	0	1230	...	26.53	...	...
M Edmondbyers (Harehope Burn) ..	A. G. McLellan, Esq., C.E.	5	1	0	970	...	25.77	...	...
M Hunstanworth (Nookton Burn) ..	A. G. McLellan, Esq., C.E.	5	1	0	1360	...	32.90	...	...
M Hunstanworth (Little Nookton) ..	A. G. McLellan, Esq., C.E.	5	1	0	1290	...	32.35	...	...

§ Turf wall round gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
DURHAM—(contd.)									
3.—TYNE. Lower—(contd.)									
d Hunstanworth (Boltshope)	A. G. McLellan, Esq., C.E.	5	1	0	1200	...	30.37	...	...
d Hunstanworth (Belmount)	A. G. McLellan, Esq., C.E.	5	1	0	1250	...	28.57	...	...
d Hunstanworth (Cross Hill)	A. G. McLellan, Esq., C.E.	5	1	0	1160	...	29.95	...	...
d Edmondbyers Farm	A. G. McLellan, Esq., C.E.	5	1	0	850	...	24.91	160	123
d Edmondbyers (Roughside)	A. G. McLellan, Esq., C.E.	5	1	0	730	...	24.42	...	...
d Edmondbyers (Ridding)	A. G. McLellan, Esq., C.E.	5	1	0	680	...	22.81	...	...
d Hunstanworth (Buckshott)	A. G. McLellan, Esq., C.E.	5	1	0	960	...	26.48	192	125
d Muggleswick	A. G. McLellan, Esq., C.E.	5	1	0	700	...	23.28	167	114
d Westwood (Sewage Works)	E. Simpkin, Esq., C.E.	5	0	8	255	...	21.20	162	111
d BIRTLEY	Durham Chemicals, Ltd.	5	1	0	87	...	20.93	144	108
d Rowlands Gill (CHOPWELLWOOD) ..	Forestry Commission	8	1	0	446	28.7	20.57	142	106
d GATESHEAD	Medical Officer of Health	5	1	0	509	...	20.60	157	108
d Sunderland (Cleaddon Pumping Stn.)	A. G. McLellan, Esq., C.E.	5	1	0	216	24.4	20.49	...	105
d South Shields (Bents Park)	Medical Officer of Health	5	1	0	36	24.2	20.24	151	101
d South Shields (South Pier Works) ..	Tyne Improvement Commis.	5	1	0	17	...	18.76	156	104
NORTHUMBERLAND. (Area, 2,105 sq. mi.)									
1.—EDEN. 20 sq. mi.									
2.—SOUTH TYNE. 232 sq. mi.									
d Allenheads	T. S. Foggitt, Esq.	5	1	5	1350	48.3	35.95	193	152
d Haydon Bridge (Shaftoe Trust Sch.) ..	Headmaster	5	1	0	240	...	21.68	167	106
3.—TYNE. Lower. 227 sq. mi.									
M Upper Derwent (Quickleugh)	A. G. McLellan, Esq., C.E.	5	1	0	1380	...	33.95	...	...
M Upper Derwent (Heatheryburn)	A. G. McLellan, Esq., C.E.	5	1	0	1250	...	32.50	...	...
d Blanchland (Birkside)	A. G. McLellan, Esq., C.E.	5	1	0	1090	...	26.38	180	126
d Blanchland (Cowbyers)	A. G. McLellan, Esq., C.E.	5	1	0	1060	...	25.49	...	...
d Blanchland (Pennypie)	A. G. McLellan, Esq., C.E.	5	1	0	1270	...	25.06	188	120
M Blanchland (Acton Burn)	A. G. McLellan, Esq., C.E.	5	1	0	850	...	25.10	...	...
d Newcastle (Leazes Park)	City Engineer	5	1	0	255	26.4	21.10	172	110
d Throckley Filters	Newcastle & Gatesh'd W. Co.	5	1	1	300	...	22.23	178	117
d Hexham (Plover Hill Top)	R. W. Gregory, Esq.	5	1	0	730	...	20.24	169	109
d Hexham Reservoir	Hexham U.D.C.	5	1	0	325	...	20.78	158	107
d North Shields (Billy Mill Reservoir)	C. F. J. Lisle, Esq., C.E.	5	1	0	195	...	20.05	166	113
d Tynemouth (Tyne Pier Works)	Tyne Improvement Commis.	5	1	0	54	25.1	19.63	152	108
d TYNEMOUTH (Coastguard Station) ..	Station Officer, for M.O.	5	1	0	108	24.5	19.97	156	103
d Whittle Dene Filters	Newcastle & Gatesh'd W. Co.	5	1	1	353	26.6	19.49	153	103
d Whittle Dene Reservoir	Newcastle & Gatesh'd W. Co.	5	1	0	380	25.3	19.39	155	99
4.—NORTH TYNE. 433 sq. mi.									
d Barrasford	Newcastle & Gatesh'd W. Co.	8	1	0	207	...	21.18	...	...
d Simonburn (Park End)	A. H. Ridley, Esq.	5	1	0	300	31.4	25.86	146	129
d Ryall Cottage	Newcastle & Gatesh'd W. Co.	5	0	9	463	29.1	19.55	...	...
d Hallington Village	Newcastle & Gatesh'd W. Co.	5	1	0	467	29.9	19.78	...	...
d Hallington Reservoir	Newcastle & Gatesh'd W. Co.	5	1	0	470	29.3	20.69	...	111
M Hallington (Fawcett)	Newcastle & Gatesh'd W. Co.	5	1	2	537	28.2	21.77	...	...
M Hallington (Cheviott)	Newcastle & Gatesh'd W. Co.	5	1	2	576	27.8	19.97	...	...
d Camphill	Newcastle & Gatesh'd W. Co.	5	1	0	650	29.4	23.87	...	...
d Colt Crag Reservoir	Newcastle & Gatesh'd W. Co.	5	1	0	655	...	24.64	188	140
d Bower Moor (Bower)	Forestry Commission	5	1	0	500	...	29.24	...	125
d Falstone (Wickhope)	Forestry Commission	5	1	0	550	...	34.56	...	135
d Wark (Stonehaugh)	Forestry Commission	5	1	0	650	...	27.68	199	120

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
NORTHUMBERLAND—(contd.)									
4.—NORTH TYNE—(contd.)									
M Green Crag .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	900	31·8	25·98	...	...
D BELLINGHAM (Highgreen) .. ..	.. Sir Charles Morrison-Bell, Bt.	5	1	0	849	35·4	26·25	173	128
D KIELDER CASTLE .. ..	.. Forestry Commission ..	5	1	0	660	47·8	34·45	199	152
D Kielder (Viaduct Lodge) .. ..	.. Forestry Commission ..	5	1	0	610	...	35·67	194	153
§Redewater (Countess Crag) .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	1600	50·0	44·18	...	...
M Redewater (Chattlehope) .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	1100	46·7	38·32	...	...
D Redewater (Catcleugh) .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	819	44·7	35·15	214	176
W §Redewater (Game Park) .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	900	48·8	39·11	...	...
M §Redewater (Black Cleugh) .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	950	...	37·59	...	...
5.—COQUET & C. 840 sq. mi.									
Whittington .. ..	.. Newcastle & Gatesh'd W. Co.	8	1	0	528	28·1	19·25	...	...
Burnside .. ..	.. Newcastle & Gatesh'd W. Co.	5	1	0	419	27·2	19·72	...	...
d PONTELAND (Kirkley Hall) .. ..	.. Principal, Farm Institute ..	5	1	0	220	...	20·48	...	104
d Kirkwhelpington .. ..	.. J. Wardle, Esq. ..	5	1	3	581	...	28·07	...	(119)
D Maiden Hall (Stanton Nook) .. ..	.. C. F. J. Lisle, Esq., C.E. ..	5	1	0	277	...	21·37	175	118
d Morpeth (COCKLE PARK) .. ..	.. King's College, Newcastle ..	5	1	0	325	28·7	22·55	178	114
D Rothley (Harwood) .. ..	.. Forestry Commission ..	5	1	0	770	...	26·36	...	115
d Font Reservoir (Tynemouth W.W.) .. ..	.. C. F. J. Lisle, Esq., C.E. ..	10	1	2	620	31·1	25·60	...	128
D Rothbury (Cemetery) .. ..	.. Northumb. & Tyneside R. Bd.	5	1	0	300	...	26·29	161	129
D ACKLINGTON Airfield	(+A) Meteorological Office ..	5	1	0	138	...	18·80	166	108
d Amble .. ..	.. Amble U.D.C. ..	5	1	0	12	...	19·13	...	111
D Callaly Castle Gardens .. ..	.. G. Milne, Esq. ..	5	1	4	350	...	23·15	172	125
d Uswayford .. ..	.. Northumb. & Tyneside R. Bd.	5	1	0	1230	...	32·88	170	138
D Howick Hall Gardens .. ..	.. The Earl Grey ..	8	1	0	110	28·2	21·10	190	116
D Stamford .. ..	.. W. Robertson, Esq. ..	5	1	0	175	...	21·17	166	116
D Chathill (Preston Tower) .. ..	.. H. Baker Cresswell, Esq. ..	8	1	0	140	28·3	22·00	171	118
D Embleton (Newton House) .. ..	.. Capt. A. J. Baker Cresswell	5	0	9	75	...	21·58	179	127
6.—TWEED. 262 sq. mi.									
d Cheviot Hills (Linhope) .. ..	.. Northumb. & Tyneside R. Bd.	5	1	0	900	39·9	30·99	...	...
D Ilderton (Lilburn Tower Gardens) .. ..	.. Mr. C. Lovett ..	5	1	0	250	30·4	24·20	168	129
D Mindrum .. ..	.. Northumb. & Tyneside R. Bd.	5	1	0	300	...	22·01	167	112
d Cornhill (Pallinsburn) .. ..	.. Mrs. A. Turnbull ..	5	1	6	135	...	19·12	...	...
D BERWICK-ON-TWEED (Ramparts) .. ..	.. Borough Surveyor ..	5	1	0	76	23·4	17·97	151	103
7.—INSULAR. 1 sq. mi.									
CUMBERLAND. (Area, 1,516 sq. mi.)									
1.—EDEN & SOLWAY. 887 sq. mi.									
d Penrith (Hutton John) .. ..	.. N. Hudleston, Esq. ..	5	1	0	688	45·1	35·18	164	126
D Penruddock School .. ..	.. Headmaster ..	5	1	6	850	...	37·60	160	119
d Penrith (Castle Park) .. ..	.. Engineer & Surveyor ..	5	1	0	490	...	22·58	...	...
D Penrith (Arthur Street) .. ..	.. Mrs. E. Sinclair ..	5	1	0	500	36·4	21·52	180?	120
D Penrith (NEWTON RIGG) .. ..	.. Cumberland County Council	5	1	0	560	36·4	24·71	150	109
D Uldale (Chapel House Reservoir) .. ..	.. J. R. Watters, Esq. ..	8	1	0	620	46·2	33·87	158	133
D Penrith (Nunwick Hall) .. ..	.. Lt.-Col. C. H. F. Thompson	5	2	0	258	31·8	23·24	143	113
D Penrith (Great Salkeld) .. ..	.. Rev. Canon G. A. K. Hervey	5	1	0	350	...	23·45	162	107
D Troutbeck (Wellbank) .. ..	.. Miss R. A. S. Streatfield ..	5	1	0	800	...	47·17	176	151
D Renwick .. ..	.. Cumberland River Board ..	5	1	0	712	...	29·79	202	134
D Wigton (Brookfield) .. ..	.. J. Carruthers, Esq., B.A., B.Sc.	5	1	0	100	36·7	27·23	155	116
D SILLOTH Airfield	(+A) Meteorological Office ..	5	1	0	25	...	26·42	156	107
D Geltsdale .. ..	.. L. J. A. Stow, Esq., C.E. ..	5	1	2	778	36·8	28·10	193	139

‡Turf wall round gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with -01 in. or more	Days with -04 in. or more
			above	above	above				
			Ground	Sea Level					
		in.	ft.	in.	ft.	in.	in.		
CUMBERLAND—(contd.)									
1.—EDEN & SOLWAY—(contd.)									
D Carlisle (Spital Cemetery)	Superintendent	8	1	0	114	31·8	22·40	168	108
D Carlisle (Rose Hill)	H. Lonsdale, Esq.	8	1	3	105	...	26·01	166	124
D Carlisle (Sewage Works)	L. J. A. Stow, Esq., C.E. ..	5	1	0	39	...	21·98	153	102
D Longtown (C.A.D.)	Officer-in-Charge	5	1	10	25	...	22·30	145	97
d Bewcastle (Ashcroft)	Border R.D.C.	5	1	0	750	44·1	31·92	...	...
2.—DERWENT. 257 sq. mi.									
M Sprinkling Tarn	F. Bainbridge, Esq., for M.O.	5	1	6	1985	...	(134·60)	...	...
M Styehad (B)	F. Bainbridge, Esq., for M.O.	5	1	0	1070	145·7	(133·65)	...	...
M Styehad (A)	F. Bainbridge, Esq., for M.O.	5	1	0	1100	...	121·25	...	...
M Borrowdale (Stockley Bridge) ..	F. Bainbridge, Esq., for M.O.	5	1	0	585	...	111·75	...	...
M Borrowdale (Seathwaite)	F. Bainbridge, Esq., for M.O.	5	1	0	423	122·0	90·50	...	...
M Helvellyn (Hill Top Gill)	Manchester Corp'n. W.W. ..	5	1	0	1025	...	81·70	...	...
§Ullscarf	Manchester Corp'n. W.W. ..	5	1	0	2100	119·8	101·56	...	...
D Thirlmere (The Nook)	Manchester Corp'n. W.W. ..	5	1	0	621	...	75·70	222	162
§Helvellyn (Birkside)	Manchester Corp'n. W.W. ..	5	1	0	1900	...	75·87	...	...
M Wythburn	Manchester Corp'n. W.W. ..	5	1	0	610	96·8	78·41	...	...
D Borrowdale (The Moraine)	Mrs. E. Bainbridge	5	1	0	330	97·5	74·45	203	159
Helvellyn (Brown Cove)	Manchester Corp'n. W.W. ..	5	1	0	1800	...	74·78	...	...
d Watendlath Farm	W. Tyson, Esq.	5	1	0	800	...	64·64	...	146
M §Armboth Fells (The Pewitts) ..	Manchester Corp'n. W.W. ..	5	1	0	1650	...	71·37	...	...
D §Thirlmere (Dale Head Hall) ..	Manchester Corp'n. W.W. ..	5	1	0	620	86·7	63·74	218	150
D Keswick (Netherholme)	H. C. White, Esq.	5	1	0	350	...	44·07	199	133
D Keswick (High Hill) (+A)	Tom Wilson, Esq.	5	1	0	254	54·9	43·15	183	137
D Braithwaite (Black Wood)	C. Barnes, Esq.	8	1	0	400	...	49·06	191	137
D Workington (Stainburn Reservoir) ..	H. Kay, Esq., C.E.	5	1	0	180	36·9	30·69	160	125
d Cockermouth (Waterworks)	M. M. Dixon, Esq.	5	1	0	340	...	30·05	167	118
3.—WEST COAST STREAMS. 235 sq. mi.									
d Bootle (Fellside)	Millom R.D.C.	5	1	0	265	...	39·95	...	...
d Ravenglass (The Grove)	Ian McWilliam, Esq.	5	1	0	70	42·5	34·82	152	107
d SELLAFIELD (Windscale Works) ..	Ministry of Supply, for M.O.	5	1	0	43	...	35·16	161	126
D Gosforth (Netherwasdale)	J. M. Sewell, Esq.	5	1	0	180	...	48·62	163	139
D Braystones	H. H. Watson, Esq.	5	1	0	36	37·5	33·09	150	126
Wast Water (Wasdale Head)	H. H. Watson, Esq.	5	1	0	280	...	77·00	...	...
M Ennerdale (Gillerthwaite)	H. H. Watson, Esq.	5	1	0	445	...	72·80	...	...
d Whitehaven (Stanley Pond)	National Coal Board	5	1	6	45	47·5	35·41	...	123
D St. Bees Head Lighthouse (+A)	Principal Keeper, for M.O.	5	1	0	400	...	32·91	171	118
d Whitehaven (Scragill Reservoir) ..	Engineer & Surveyor	8	1	0	188	43·5	34·56	...	128
D Workington (Coke Ovens)	Workington Iron & Steel Co.	5	1	2	29	...	29·43	159	121
4.—DUDDON & C. 50 sq. mi.									
D Millom (Lanthwaite)	Millom R.D.C.	5	1	0	145	...	40·64	195	143
D §Ulpha	Water Engineer, Barrow ..	5	1	0	251	77·7	60·65	204	159
5.—SOUTH TYNE. 87 sq. mi.									
D Alston (Garrigill)	W. E. Richardson, Esq. ..	5	1	0	1124	...	40·98	200	148
D ALSTON (Grammar School) (+A)	W. E. Richardson, Esq. ..	5	1	0	1069	49·0	40·57	200	152
WESTMORLAND. (Area, 783 sq. mi.)									
1.—EDEN. 373 sq. mi.									
D Kirkby Stephen (Eden Place) ..	Miss Marcia Mason, J.P. ..	5	1	0	544	...	29·13	179	116
M §Wasdale Pike	Manchester Corp'n. W.W. ..	5	1	0	1825	79·4	72·30	...	...
M Mosedale (Mosedale Cottage) ..	Manchester Corp'n. W.W. ..	5	1	0	1443	87·8	82·50	...	...
M §Mosedale (Artle Crag)	Manchester Corp'n. W.W. ..	5	1	0	2134	...	76·65	...	...

§ Turf wall round gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			.01 in.	.04 in.
			Ground	Sea Level				or more	or more
		in.	ft.	in.	ft.	in.	in.		
WESTMORLAND—(contd.)									
1.—EDEN—(contd.)									
M Wet Sleddale (Mirethwaite) ..	.. Manchester Corpn. W.W. ..	5	1	0	995	64.7	60.26	...	...
M §Blea Water ..	.. Manchester Corpn. W.W. ..	5	1	0	1400	...	95.77	...	...
M §Sleddale (High Wether Howe) ..	.. Manchester Corpn. W.W. ..	5	1	0	1620	...	61.65	...	...
M §Mardale (Riggindale) ..	.. Manchester Corpn. W.W. ..	5	1	0	892	...	81.92	...	...
M §Shap (Birkbeck Fell) ..	.. Manchester Corpn. W.W. ..	5	1	0	935	56.0	46.05	...	...
M Swindale Parsonage ..	.. Manchester Corpn. W.W. ..	5	1	0	875	70.0	52.55	...	...
M §Mardale (Whelter) ..	.. Manchester Corpn. W.W. ..	5	1	0	819	...	71.82	...	...
M §Mardale (Low Raise) ..	.. Manchester Corpn. W.W. ..	5	1	0	2465	...	82.44	...	...
M Shap (Thornship Gill) ..	.. Manchester Corpn. W.W. ..	5	1	0	844	57.3	39.00	...	...
M §Mardale (Guerness) ..	.. Manchester Corpn. W.W. ..	5	1	0	905	...	63.02	...	...
M §Shap (Tailbert Head) ..	.. Manchester Corpn. W.W. ..	5	1	0	1100	55.6	42.92	...	...
M §Hawes Water (Wallow Crag) ..	.. Manchester Corpn. W.W. ..	5	1	0	1412	72.1	56.36	...	...
M Hawes Water (Naddle House) ..	.. Manchester Corpn. W.W. ..	5	1	0	825	60.5	42.75	...	...
M Hawes Water (Sandhills) ..	.. Manchester Corpn. W.W. ..	5	1	0	824	69.6	53.05	...	...
M Measand Beck (Keasgill) ..	.. Manchester Corpn. W.W. ..	5	1	0	1800	82.7	67.55	...	...
d §Hawes Water (Burn Banks) ..	.. Manchester Corpn. W.W. ..	5	1	0	835	65.0	49.26	183	139
d Patterdale Hall ..	.. Late Mr. T. Atkinson ..	5	1	3	490	86.4	66.90	...	142
M §Bampton (Atkinsons Grain) ..	.. Manchester Corpn. W.W. ..	5	1	0	2175	87.5	61.25	...	...
d Patterdale (Greenside Mine) ..	.. Basinghall Mining Synd. Ltd. ..	5	0	9	1101	91.9	69.56	...	...
M §Bampton (Seahole Grain) ..	.. Manchester Corpn. W.W. ..	5	1	0	1775	...	59.35	...	...
M Bampton (Stanegarth) ..	.. Manchester Corpn. W.W. ..	5	1	0	913	59.5	44.39	...	...
M Cawdale Beck (Howe Grain) ..	.. Manchester Corpn. W.W. ..	5	1	0	1130	67.6	53.55	...	...
M Heltondale (Kidmoor) ..	.. Manchester Corpn. W.W. ..	5	1	0	1043	...	43.47	...	...
D Martindale (Howtown) ..	.. G. G. Rylands, Esq. ..	5	1	0	600	...	46.43	174	127
D Appleby Castle ..	.. Cumberland River Board ..	5	1	0	440	35.0	23.13	176	118
D Appleby (Bongate Cross) ..	.. E. H. Illingworth, Esq. ..	5	1	0	450	...	22.23	...	...
D Penrith (Barton House) ..	.. Mrs. Legh Tolson ..	5	1	0	500	42.4	30.43	174	120
D Pooley Bridge (Bowerbank) ..	.. H. T. Thompson, Esq. ..	5	0	9	500	...	30.12	164	120
d Temple Sowerby ..	.. Cumberland River Board ..	5	1	0	355	...	19.67	172	104
2.—LEVEN. 60 sq. mi.									
d Windermere (Nurseries) ..	.. Windermere U.D.C. ..	5	0	10	350	61.6	55.28	...	134
D Windermere (Holehird) ..	.. H. L. Groves, Esq. ..	5	1	0	500	68.0	55.78	210	153
D Windermere (Briery Close) ..	.. Mrs. E. L. Hedley ..	5	1	0	325	...	53.90	198	143
d Troutbeck (The Howe) ..	.. Dr. A. E. Ainscow ..	5	0	9	496	...	54.39	...	...
D AMBLESIDE ..	.. The Lakes U.D.C. (Clerk) ..	5	1	0	145	70.9	59.66	194	149
D Rydal (The Hall) ..	.. R. E. Porter, Esq. ..	5	1	0	354	82.1	63.86	197	156
D Great Langdale (Long House) ..	(+A) Mrs. Graham Satow ..	5	1	0	340	...	81.77	200	156
D Grasmere (Meadow Brow) ..	.. J. Abbott, Esq. ..	5	1	0	350	88.5	67.40	202	160
3.—KENT. 188 sq. mi.									
D Milnethorpe (Crooklands) ..	.. British Waterways ..	5	1	0	156	...	35.54	181	129
D Heversham (Plumtree Hall) ..	.. Miss Lilian Watson ..	5	3	7	120	45.7	31.12	170	136
d Levens (Beathwaite) ..	.. John A. Bush, Esq. ..	5	1	2	125	...	39.08	...	139
d Levens (Bridge End) ..	.. Lancashire River Board ..	5	1	0	23	...	34.36	...	137
d Killington Reservoir ..	.. British Waterways ..	5	1	0	670	49.8	41.80	...	163
D Kendal School ..	.. N. Whitton, Esq. ..	5	1	0	136	...	37.66	172	133
D Kendal (Fisher Tarn Reservoir) ..	.. Water Engineer ..	5	1	0	742	51.7	41.67	186	140
D Kendal (Ellergreen) ..	.. J. W. Cropper, Esq. ..	5	1	6	270	58.2	45.28	186	151
Troutbeck (Dubbs Reservoir) ..	.. Windermere U.D.C. ..	5	1	3	745	...	49.37	...	...
4.—LUNE. 122 sq. mi.									

§ Turf wall round gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		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—(contd.)		in.	ft.	in.	ft.	in.	in.		
5.—TEES. 40 sq. mi.									
M	Lunedale (Conny Pot) T. S. R. Winter, Esq., C.E.	5	1	0	1840	...	42.60	...	...
	Moor House (Burnt Hill Weir) .. Nature Conservancy ..	5	1	0	1840	...	61.63	...	...
D	MOOR HOUSE (Dufton) Nature Conservancy ..	5	1	0	1850	...	61.95	224	181
	Moor House (Mine Road End) .. Nature Conservancy ..	5	1	0	1840	...	58.89	...	...
	Moor House (Bog Hill Weir) .. Nature Conservancy ..	5	1	0	1700	...	58.49	...	...

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS

MONMOUTHSHIRE. (Area, 534 sq. mi.)

1.—RHYMNEY. 39 sq. mi.									
D Machen (Fwrrwm Road) ..	Machen Quarries, Ltd.	5	2	0	250	...	40.98	157	119
2.—EBBW. 88 sq. mi.									
D Rogerstone (Newport Golf Links) ..	W. H. Halsey, Esq.	5	0	8	304	...	41.00	155	131
D Abercarn (Nantydraenog Reservoir) ..	W. Cory Goddard, Esq., C.E.	5	1	0	715	...	47.15	169	133
D Blackwood ..	T. J. Jones, Esq.	5	0	10	650	...	47.89	172	129
d Abertillery (The Park) ..	Medical Officer of Health	5	1	0	600	57.2	48.80	...	138
d Cwmtillery Reservoir ..	W. Cory Goddard, Esq., C.E.	5	1	0	1130	...	47.52	163	134
d Tredegar (Laboratory) ..	National Coal Board	5	2	0	950	57.2	51.20	...	...
D TREDEGAR (Bedwellty Park) ..	Urban District Council	5	1	0	992	59.8	53.13	176	148
D Ebbw Vale (Iron Works) ..	Richard Thomas & Baldwins	8	1	0	930	...	47.55	167	135
D Ebbw Vale Waterworks (Carno S.) ..	J. Grafton Hoskins, Esq., C.E.	5	1	0	1262	61.2	54.94	183	148
d Beaufort (Blaen-y-Cwm Reservoir) ..	Richard Thomas & Baldwins	8	1	0	1340	58.7	52.88	191	143
3.—USK & C. 290 sq. mi.									
d Portskeewett (Sudbrook) ..	British Railways	8	1	0	51	...	26.84	...	...
D NEWPORT (Cleppa Park E.H.S.) ..	Director	5	1	0	75	...	34.11	151	118
D Newport W.W. (Ynys-y-fro Farm) ..	Newport Corporation	5	1	0	130	...	38.40	163	130
D Newport W.W. (Pant-yr-eos Reservoir) ..	Newport Corporation	5	1	0	435	...	51.01	181	140
d Newport W.W. (Llanvaches) ..	Newport Corporation	5	0	10	456	...	35.80	...	...
Newport W.W. (Nantpridd) ..	Newport Corporation	5	1	0	500	41.7	38.39	...	...
d Cwmbran ..	Cwmbran Developmt. Cpn.	5	1	0	550	...	48.65	...	126
D Shirenewton (Filter House) ..	Chepstow Water Co.	8	2	10	300	...	34.40	169	120
D Newport W.W. (Newchurch) ..	Newport Corporation	5	1	0	550	42.2	39.75	...	...
D Usk ..	Monmouth Agric. Institute	5	1	0	70	...	39.51	149	119
D Abergavenny (Parc Llettis) ..	Mrs. L. Whitehead, O.B.E.	5	1	0	325	37.2	38.65	137	110
D Abergavenny (Plâs Derwen) ..	Alan Whitehead, Esq.	5	1	6	200	41.3	41.89	148	114
D Abergavenny (Ty-Clyd) ..	F. D. Llewelyn, Esq.	5	1	0	272	45.1	43.50	150	112
D Abergavenny (Kenfy) ..	Dr. W. T. Wales	5	1	0	230	...	38.67	129	107
D Grwyne Fawr (Coed Dias) ..	Colonel O. R. Paterson	5	1	0	900	44.6	42.90	156	128
4.—WYE. 117 sq. mi.									
d Chepstow (Bethdour) ..	Chepstow Water Co.	8	1	3	176	...	31.69	...	97
D Monmouth (Cornwall House) ..	P. G. Harvey, Esq., M.D.	5	1	5	52	...	30.11	129	95
D Skenfrith ..	W. J. Hamer, Esq.*	5	1	0	140	32.7	31.57	136	97
D Trewyn ..	Mrs. C. C. Molyneux	5	0	10	500	40.5	40.71	152	116
D Grosmont ..	Capt. G. F. Renwick, R.N.	5	1	0	420	36.6	35.09	156	109

GLAMORGAN. (Area, 808 sq. mi.)

1.—LOUGHOR. 55 sq. mi.									
D Felindre (Lower Lliw Reservoir) ..	T. Price, Esq., C.E.	8	1	0	416	...	57.72	193	151
D Felindre (Upper Lliw Reservoir) (+A)	T. Price, Esq., C.E.	8	1	3	599	...	60.74	201	160

* Per Wye River Board.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain-fall	1955						
				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—(contd.)				in.	ft.	in.	ft.	in	in.				
2.—GOWER PENINSULA. 62 sq. mi.													
D	Gower (Penrice Castle)	..	..	Major B. C. Smartt	..	5	2	0	30	...	39.62	164	130
3.—TAWE. 47 sq. mi.													
D	SWANSEA (Victoria Park)	..	(+A)	Town Clerk	..	8	1	0	32	44.7	39.82	157	128
d	Clydach (Wernfadog)	..	..	C. G. Bellingham, Esq.	..	8	1	0	400	...	49.38	...	...
d	Clydach	..	..	Mond Nickel Co., Ltd.	..	5	1	0	78	...	51.27	...	...
d	Ystalyfera (Wern House)	..	..	Miss L. Williams	..	5	1	6	240	64.8	62.81	...	...
4.—NEATH. 82 sq. mi.													
D	Briton Ferry (Cefn Cwrt)	..	..	Borough Engineer, Neath	..	5	1	0	503	47.7	47.65	176	150
D	Neath (Oil Refineries)	..	..	National Oil Refineries, Ltd.	..	5	1	0	145	...	46.98	171	135
d	Neath (Cimla Reservoir)	..	..	Borough Engineer	..	5	1	0	360	...	52.55	...	...
D	Neath (Gnoll Reservoir)	..	..	Borough Engineer	..	5	1	0	204	52.1	49.52	170	153
D	Rhondda W.W. (Llyn Fawr Reservoir)	..	..	Water Engineer	..	5	1	0	1220	93.3	87.73	185	169
D	Resolven (Brynewelon)	..	..	Forestry Commission	..	5	1	0	250	...	58.25	177	151
5.—OGMORE & C. 350 sq. mi.													
D	RHOOSE Airfield	..	..	Meteorological Office	..	5	1	0	20	...	32.30	159	121
D	St. Athan	..	..	H. Thomas, Esq.	..	5	1	0	50	...	32.82	148	135
D	Penarth (Cemetery)	..	..	Surveyor	..	5	1	0	99	...	31.32	148	120
D	Penarth (West House)	..	..	Surveyor	..	5	1	0	148	37.1	32.66	144	124
D	Dinas Powis (The Gables)	..	..	D. E. T. Pennant, Esq.	..	5	1	0	70	...	34.24	163	130
D	Cardiff (Cogan Pumping Station)	..	..	G. W. Cover, Esq., C.E.	..	5	1	0	121	37.7	30.61	149	128
d	Cowbridge (Tair Onen Nursery)	..	..	Forestry Commission	..	5	1	0	400	...	40.84	...	...
d	Cardiff (St. Fagan's Castle)	..	..	Iorwerth C. Peate, Esq.	..	5	1	0	100	48.5	41.65	...	...
D	Cowbridge (Pentre Meyrick)	..	..	F. E. P. Dunn, Esq.	..	5	1	0	300	...	41.07	169	142
d	Cowbridge (Pwllwy)	..	..	Mid-Glamorgan Water Bd.	..	5	1	0	92	...	41.10	...	...
	Merthyr Mawr	..	..	R. I. Nicholl, Esq.	..	5	1	0	75	42.9	40.66	...	...
D	Bridgend (Erw Graig)	..	..	H. J. Randall, Esq.	..	8	1	6	50	...	35.40	181	145
d	Llanharan (Sewage Works)	..	..	H. Thomas, Esq.	..	5	1	0	175	...	45.59	...	145
d	Margam (Kenfig Factory)	..	..	British Industrial Solvents Ltd.	..	5	1	0	35	...	36.01	...	...
D	PORT TALBOT	..	..	Steel Co. of Wales, Ltd.	..	5	1	0	24	...	38.73	174	133
D	Maesteg (Salisbury Road)	..	..	H. L. Davies, Esq.	..	5	1	0	560	62.8	59.98	177	151
D	Maesteg (Isolation Hospital)	..	..	Engineer & Surveyor	..	8	1	0	600	62.8	60.63	189	165
D	Maesteg (Welfare Park)	..	(+A)	Engineer & Surveyor	..	5	1	0	550	...	64.03	191	161
d	Pontycymmer	..	..	Mid-Glamorgan Water Bd.	..	8	1	0	560	...	74.94	...	...
D	Ogmore Vale	..	..	Mid-Glamorgan Water Bd.	..	8	1	2	580	84.7	80.09	184	166
6.—TAFF. 157 sq. mi.													
D	Rhubina Reservoir	..	..	G. W. Cover, Esq., C.E.	..	5	1	0	336	48.1	40.79	162	139
D	Pontypridd (Ty-Gwyn Reservoir)	..	..	Pontypridd & Rhondda W.B.	..	5	1	6	725	...	54.44	173	140
D	Pontypridd (Treforest Secondary Sch.)	..	..	W. C. John, Esq.	..	5	1	0	360	...	52.91	...	...
D	Pontypridd (Boys' Grammar School)	..	..	E. G. Mort, Esq.	..	5	1	3	330	...	53.70	169	143
D	Pontypridd (Lanwood Reservoir)	..	..	Pontypridd & Rhondda W.B.	..	5	1	6	300	...	52.03	172	139
D	Porth Park	..	..	A. H. Gillard, Esq.	..	5	1	0	400	...	62.45	173	151
d	Pontypridd (Llanfabon)	..	..	W. D. Lewis, Esq.*	..	5	1	6	600	...	57.53	...	146
D	§Treorchy (Pumping Station)	..	..	A. H. Gillard, Esq.	..	5	1	0	515	...	78.30	187	159
d	Ferndale Park	..	..	A. H. Gillard, Esq.	..	5	1	0	860	...	72.55	...	...
d	Treharris (Service Reservoir)	..	..	D. C. W. Jones, Esq., C.E.	..	5	1	3	765	52.3	47.13	...	...
D	Treherbert Park	..	..	A. H. Gillard, Esq.	..	5	1	0	600	...	79.60	191	160
D	Mountain Ash (Darranlas Reservoir)	..	..	Engineer & Surveyor	..	5	0	11	540	63.0	59.46	176	143
D	§Treherbert (Tyn-y-waun)	..	..	Water Engineer, Rhondda	..	5	1	0	801	87.0	84.01	182	158
D	Rhondda (Castell Nos Reservoir)	..	..	Pontypridd & Rhondda W.B.	..	5	1	0	1060	...	76.69	179	151
D	Rhondda (Lluest Wen Filter)	..	..	Pontypridd & Rhondda W.B.	..	5	1	0	1200	...	79.96	178	158
D	Rhondda (Lluest Wen Reservoir)	..	..	Pontypridd & Rhondda W.B.	..	5	1	0	1280	89.0	82.38	178	161
D	Merthyr Tydfil (Penybryn Filters)	..	..	D. C. W. Jones, Esq., C.E.	..	5	1	3	930	54.0	48.60	195	143

* Per Pontypridd & Rhondda Joint Water Board.

§ Turf wall round gauge.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain- fall	1955					
				Diam.	Height of Rim above Ground		Ground above Sea Level	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more		
GLAMORGAN—(contd.)				in.	ft.	in.	ft.	in.	in.			
6.—TAFF—(contd.)												
D	Merthyr Tydfil (Bronygarth) ..	..	F. L. G. Bevan, Esq. ..	5	1	0	770	...	47·79	191	150
D	Dowlais .. ..	..	Imperial Chem. Indust. Ltd.	5	1	0	1075	...	45·80	161	139
D	Dowlais (Gwernllwyn) ..	..	A. F. Adams, Esq. ..	5	1	0	1071	51·4	47·12	172	137
7.—RHYMNEY. 55 sq. mi.												
D	CARDIFF (Penylan) ..	..	(+A) Medical Officer of Health ..	5	1	0	202	41·4	35·72	167	129
D	Cardiff (Heath Filters) ..	..	G. W. Cover, Esq., C.E.	5	1	0	132	41·3	35·75	157	123
D	Llanishen Reservoir ..	..	G. W. Cover, Esq., C.E. ..	5	1	0	155	39·4	34·51	157	132
d	Ystrad Mynach (Park Lane) ..	..	E. B. Johnston, Esq. ..	5	1	0	506	...	51·31	...	...
d	Rhydney Bridge Reservoir ..	..	(+A) Engineer	8	0	6	1150	58·5	51·41	...	164
CARMARTHENSHIRE. (Area, 918 sq. mi.)												
1.—TEIFI. 87 sq. mi.												
2.—TOWY & C. 715 sq. mi.												
d	Whitland .. ..	..	Wilts United Dairies, Ltd. ..	5	1	0	60	...	44·46	...	...
	Carmarthen (Llangunnnor Road) ..	..	S.W. Wales River Board ..	8	1	6	19	...	40·85	177	135
D	Carmarthen (Cwmoernant Reservoir)	..	E. Gooseman, Esq. ..	5	1	0	135	...	43·01	191	153	
D	Carmarthen (Fryn-hir) ..	..	C. V. Lewis, Esq. ..	5	1	0	155	...	45·97	201	140
D	Llandilo (Golden Grove Farm Inst.)	..	J. L. Lloyd, Esq. ..	5	1	0	100	...	45·72	187	148	
w	Llyn-y-fan Fach (Waen Sychlwch) ..	..	Llanelly R.D.C. ..	5	1	0	1647	103·0	85·90	...	...
d	Llyn-y-fan Fach (Nant Coch) ..	..	Llanelly R.D.C. ..	5	1	0	1172	77·8	71·47	...	161
w	Llyn-y-fan Fach (Bua'r Llyn) ..	..	Llanelly R.D.C. ..	5	1	0	1650	102·0	94·89	...	...
d	Llyn-y-fan Fach (Troed-y-Foel) ..	..	Llanelly R.D.C. ..	5	1	0	867	73·0	65·17	...	156
D	Llanddeusant (Pontcrynfe) ..	..	J. Thomas, Esq. ..	5	1	0	323	55·6	48·93	204	144
D	Conwil-Elvet (Cwmtawel Reservoir)	..	E. Gooseman, Esq. ..	5	1	0	350	...	50·54	190	151	
D	Brechfa .. ..	..	Capt. C. Joynson ..	5	1	0	290	64·8	56·09	203	155
D	Abergorlech .. ..	..	S. L. Davies, Esq. ..	5	1	0	245	59·5	53·24	199	161
3.—LOUGHOR & C. 104 sq. mi.												
D	Llanelly (Filter Beds) ..	..	Llanelly U.D.C. ..	5	1	0	237	48·7	44·11	172	147
D	Llanelly (Cwmlliedi Waterworks) ..	..	Llanelly U.D.C. ..	5	1	1	240	48·7	45·64	178	153
d	Pembrey (The Colony) ..	..	Forestry Commission ..	5	1	0	19	...	36·83	...	...
D	Llanelly (Upper Lliedi Reservoir)	..	Llanelly U.D.C. ..	5	0	11	290	...	44·77	173	140	
D	Kidwelly .. ..	..	Llanelly U.D.C. ..	5	1	6	60	...	44·22	172	148
w	Llannon Reservoir ..	..	Llanelly R.D.C. ..	5	1	0	860	...	52·54	...	...
4.—TAWE. 7 sq. mi.												
5.—USK. 5 sq. mi.												
D	Upper Usk 1 .. ..	..	T. Price, Esq., C.E. ..	5	1	0	1020	...	45·51	175	145
	Upper Usk 2 .. ..	..	T. Price, Esq., C.E. ..	5	1	0	1390	...	47·91	...	...
	Upper Usk 3 .. ..	..	T. Price, Esq., C.E. ..	5	1	0	1350	...	45·97	...	...
	Upper Usk 5 .. ..	..	T. Price, Esq., C.E. ..	5	1	0	1090	66·4	54·91	...	...
	Upper Usk 6 .. ..	..	T. Price, Esq., C.E. ..	5	1	0	1390	...	63·39	...	...
6.—WYE.												
PEMBROKESHIRE (Area, 617 sq. mi.)												
1.—TEIFI. 37 sq. mi.												
2.—NEVERN & C. 91 sq. mi.												
D	Goodwick (Trenewydd) ..	..	Mrs. G. M. Johns ..	5	1	0	300	...	36·65	176	126
3.—WEST COAST STREAMS. 82 sq. mi.												

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
PEMBROKESHIRE—(contd.)									
4.—CLEDDAU & C. 407 sq. mi.									
D TENBY (The Priory)	Borough Council	8	1	0	64	40·9	36·16	193	133
D PEMBROKE DOCK (+A)	Meteorological Office	5	1	0	34	41·4	37·22	167	136
d Milford Haven (Grammar School)	C. Davies, Esq.	5	1	0	170	...	34·82	163	126
D MILFORD HAVEN	Murex Ltd.	5	1	0	179	...	35·18	165	131
d Narberth (Blackpool)	Forestry Commission	8	1	0	300	...	41·89	176	136
D HAVERFORDWEST (Hospital Grounds)	Borough Surveyor	5	1	0	133	46·4	40·52	184	144
D Maenclochog (Ddolwen Bridge)	Prescelly Water Board	5	1	0	740	...	57·14	162	141
d Letterston (Trecwn House)	Superintending Engineer	8	1	0	391	...	46·22	...	...
CARDIGANSHIRE. (Area, 688 sq. mi.)									
1.—DOVEY. 20 sq. mi.									
D Machynlleth (Glandyfi)	Capt. P. L. Ransom	5	1	1	40	...	41·06	203	148
2.—YSTWYTH & C. 347 sq. mi.									
D ABERPORTH (+A)	Meteorological Office	5	1	0	376	37·5	31·02	164	127
D Nantcwnlle (Bwlchyllan)	J. Davies, Esq.**	5	1	0	800	...	39·74	190	149
D Llandyssiliogogo (Dolwylan)	Dr. R. T. Goodyear**	5	1	0	90	...	31·26	159	129
D TRAWSCOED	Farm Director, E.H.F.	5	1	0	200	...	36·49	175	148
D ABERYSTWYTH (Corporation Yard)	Town Clerk	8	1	0	12	36·6	33·05	172	136
D ABERYSTWYTH (P.B.S.)	Director, Plant Breeding Stn.	5	1	0	452	...	33·10	195	130
D Aberystwyth (GOGERDDAN)	Director, Plant Breeding Stn.	5	1	0	103	...	33·39	182	146
D LLETY-EVAN-HEN	Director, Plant Breeding Stn.	5	1	0	950	...	44·31	175	155
d §Afon Rheidol (Nant-y-moch)	Water Engineer, Aberystwyth	5	1	0	1060	73·0	62·49	...	...
M §Plynlimon (Llygad Rheidol) higher	Water Engineer, Aberystwyth	5	1	0	1660	...	64·50	...	...
M §Plynlimon (Llygad Rheidol) lower	Water Engineer, Aberystwyth	5	1	0	1650	87·0	65·70	...	...
3.—TEIFI. 260 sq. mi.									
D Llandyssul (Joyous Gard)	I. T. Hughes, Esq., M.A., J.P.	5	1	6	390	...	38·93	161	139
D Llandyssul (Sychpant Horeb)	J. A. Davies, Esq.	5	1	0	341	...	42·55	...	...
D Cardigan (Plas Llangoedmore)	W. E. Davies, Esq.	5	1	0	120	...	32·23	182	144
4.—TOWY. 46 sq. mi.									
5.—WYE. 15 sq. mi.									
§Birmingham W.W. (Llyn Gynon)	C. A. Risbridger, Esq., C.E.	5	1	0	1500	70·7	58·07	...	...
§Birmingham W.W. (Bwlchyrhendre)	C. A. Risbridger, Esq., C.E.	5	1	0	1585	67·4	56·62	...	...
Birmingham W.W. (Claerddu)	C. A. Risbridger, Esq., C.E.	5	1	0	1470	71·6	55·50	...	...
Birmingham W.W. (Gwngu)	C. A. Risbridger, Esq., C.E.	5	1	0	1490	...	59·09	...	...
D §Birmingham W.W. (Abergwngu)	C. A. Risbridger, Esq., C.E.	5	1	0	1150	67·1	62·75	207	175
BRECKNOCKSHIRE. (Area, 733 sq. mi.)									
1.—TOWY. 17 sq. mi.									
2.—TAWY. 41 sq. mi.									
D Swansea W.W. (Nantyrwydd)	T. Price, Esq., C.E.	5	0	10	908	72·6	75·55	190	178
3.—NEATH. 48 sq. mi.									
d Ystradfellte Reservoir	Engineer (Neath R.D.C.)	5	1	0	1147	77·4	65·26	...	145

** Under auspices of Royal Meteorological Society.

§ Turf wall round gauge.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
BRECKNOCKSHIRE.—(contd.)									
4.—TAFF. 48 sq. mi.									
D Aberdare (Nanthir Reservoir) ..	H. W. Crowther-Green, Esq.	5	1	0	860	59.6	51.43	199	152
D Cardiff W.W. (Cefn-Coed-y-Cymmer)	G. W. Cover, Esq., C.E. ..	5	1	0	790	...	50.01	189	147
D Taf Fechan (Pontsticill) No. 12 (+A)	A. C. Quiningborough, Esq.	5	1	0	1031	59.1	52.92	196	152
D Cardiff W.W. (LLWYNON Res.) (+A)	G. W. Cover, Esq., C.E. ..	5	1	0	860	62.0	54.89	191	161
W Cardiff W.W. (Nant Ffynnon) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1352	73.2	61.94	...	...
M Cardiff W.W. (Garn Ddu) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1340	70.3	58.28	...	...
W Cardiff W.W. (Garw-nant) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1100	75.5	58.63	...	...
W Cardiff W.W. (Nant-Gwineu) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1200	67.5	56.26	...	...
W Cardiff W.W. (Cefn Gougarn) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1362	75.7	53.02	...	...
W Cardiff W.W. (Llysiog) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1080	68.7	59.63	...	...
D Taf Fechan (Pentwyn Res. S.) No. 15	A. C. Quiningborough, Esq.	5	1	0	1120	68.0	62.00	190	154
M Taf Fechan (Pentwyn Res. N.) No. 16	A. C. Quiningborough, Esq.	5	1	0	1090	66.5	59.30	...	...
W Cardiff W.W. (Twyn-Gareg) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1501	86.7	68.22	...	...
D Cardiff W.W. (Cantref Res.) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1120	69.9	60.44	191	160
D Cardiff W.W. (Beacons Res.) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1357	79.3	68.55	189	156
W Cardiff W.W. (Nant Penig) ..	G. W. Cover, Esq., C.E. ..	5	1	0	2000	92.9	74.33	...	...
D Cardiff W.W. (Storey Arms Field) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1430	88.5	69.83	192	157
W Cardiff W.W. (Blaen Taf Fawr) ..	G. W. Cover, Esq., C.E. ..	5	1	0	1675	85.7	70.31	...	...
D Taf Fechan (Neuadd Res.) No. 11A	A. C. Quiningborough, Esq.	5	1	0	1520	81.1	75.36	182	158
M Taf Fechan (Neuadd Res.) No. 10	A. C. Quiningborough, Esq.	5	1	0	1700	72.7	73.45	...	...
M Taf Fechan (Neuadd Res.) No. 7	A. C. Quiningborough, Esq.	5	1	0	2017	92.2	73.15	...	...
M Taf Fechan (Neuadd Res.) No. 8	A. C. Quiningborough, Esq.	5	1	0	1723	87.4	76.80	...	...
M Taf Fechan (Neuadd Res.) No. 6	A. C. Quiningborough, Esq.	5	1	0	2099	95.4	87.65	...	...
5.—RHYMNEY. 2 sq. mi.									
6.—EBBW. 7 sq. mi.									
D Ebbw Vale W.W. (Llangynidr) 1 ..	J. G. Hoskins, Esq. ..	5	1	0	1413	62.9	54.01	182	145
D Ebbw Vale W.W. (Llangynidr) W3 ..	J. G. Hoskins, Esq. ..	5	1	0	1468	65.1	57.32	181	152
D Ebbw Vale W.W. (Llangynidr) NW2	J. G. Hoskins, Esq. ..	5	1	0	1471	63.8	55.41	181	148
D Ebbw Vale W.W. (Carno, E.) ..	J. G. Hoskins, Esq. ..	5	1	0	1391	61.6	53.41	181	147
D Ebbw Vale W.W. (Carno, W.) ..	J. G. Hoskins, Esq. ..	5	1	0	1412	63.7	55.52	181	146
D Ebbw Vale W.W. (Carno, N.) ..	J. G. Hoskins, Esq. ..	5	1	0	1491	62.3	54.25	181	149
7.—USK. 299 sq. mi.									
D Gilwern (Bryn-yr-Haul) ..	Mrs. J. John ..	5	1	0	590	49.5	44.58	160	123
M Torpantau (Darenfawr) ..	Newport Corporation ..	5	1	0	1172	70.4	56.75	...	...
M Torpantau (Ynysposte) ..	Newport Corporation ..	5	1	0	741	66.8	59.79	...	...
M Torpantau (Blaen-caer-fanel) ..	Newport Corporation ..	5	1	0	1584	73.2	63.58	...	...
D Talybont (Ffynnonwen) ..	Newport Corporation ..	5	1	0	629	60.2	52.23	187	147
M Talybont (Pwll Ifor) ..	Newport Corporation ..	5	1	0	1224	65.3	55.20	...	...
M Talybont (Rhyd-Dine) ..	Newport Corporation ..	5	1	0	1224	...	57.88	...	...
D Talybont (Filter House) ..	Newport Corporation ..	5	1	0	554	56.0	48.31	176	134
M Talybont (Craig Pwllfa) ..	Newport Corporation ..	5	0	7	1796	73.7	61.71	...	...
D Talybont (Tyle Clydach) ..	Newport Corporation ..	5	0	11	709	55.8	50.75	171	136
M Talybont (Nant-y-Llanerch) ..	Newport Corporation ..	5	1	0	1007	66.7	58.79	...	...
D Crickhowell (Penmyarth) ..	Margaret Lady Glanusk ..	5	1	0	330	...	39.05	136	121
M Swansea W.W. (Cray Res.) No. 2 ..	T. Price, Esq., C.E. ...	5	1	0	1019	...	80.98	...	...
D Swansea W.W. (Cray Res.) No. 1 (+A)	T. Price, Esq., C.E. ...	5	1	0	1043	67.2	74.17	201	174
M Cray Post Office ..	Late J. A. Jones, Esq., for M.O.	5	1	0	930	69.1	62.01	...	...
D Talybont (Ashford) ..	J. Henderson, Esq. ...	5	1	0	360	45.6	40.97	148	114
M Crickhowell (Tal-y-maes) ..	Mrs. E. Jones, for M.O. ..	5	1	0	1250	46.7	41.45	...	...
D Treacastle (Blaenau-hydfer) ..	Mr. T. Davies, for M.O. ..	5	1	0	970	63.2	48.94	166	150
D Brecon (Tairbull School) ..	W. O. Davies, Esq. ..	5	1	0	660	52.0	44.39	152	127
D Brecon (Ffrwdgrech) ..	Capt. J. D. D. Evans ..	5	1	0	560	...	39.91	161	129

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
BRECKNOCKSHIRE—(contd.)									
7.—USK—(contd.)									
D Brecon (Waterworks)	Borough Engineer	5	1	0	550	...	36.92	173	127
d Brecon (Mount Street School) ..	Headmaster	5	0	11	494	...	33.85	...	...
D Black Mountains (Blaen-y-cwm) ..	W. Cory Goddard, Esq., C.E.	5	1	0	1423	54.5	51.48	181	153
D Black Mtns. (The Dam, Grwyne Fawr)	W. Cory Goddard, Esq., C.E.	5	1	0	1787	56.0	53.70	179	155
8.—WYE. 271 sq. mi.									
D Llanfillo (County School)	Headmistress*	5	1	0	700	...	33.88	162	128
D Talgarth (South Wales Sanatorium) ..	Physician Superintendent ..	5	1	0	500	...	34.85	170	125
W Llanwrtyd Wells (Abernant)	Mr. T. A. Poole*	5	1	0	632	57.2	43.90	...	...
D Garth	Mr. T. A. Poole*	5	1	0	541	...	46.46	179	149
M Abergwesyn (Trallwn)	D. I. Felix, Esq., for M.O.	5	1	0	1000	75.5	57.90	...	...
D Beulah (Llwyn Madoc)	Mr. T. C. Smith	5	1	0	763	...	50.57	188	148
Llanafanfawr School	W. D. Swan, Esq.	5	0	8	800	...	42.66	...	...
M Llanfihangel (Llwynycynar)	J. Francis, Esq., for M.O.	5	1	0	745	...	41.60	...	...
D Newbridge (Llysdinam)	Sir Michael Venables Llewelyn	5	1	3	646	41.2	35.58	172	136
M §Birmingham W.W. (Cors-yr-hwch) ..	C. A. Risbridger, Esq., C.E.	5	1	0	1775	87.3	73.00	...	...
M §Birmingham W.W. (Esgair Ceiliog) ..	C. A. Risbridger, Esq., C.E.	5	1	0	1560	77.3	68.37	...	...
M §Birmingham W.W. (Llyn-Carw)	C. A. Risbridger, Esq., C.E.	5	1	0	1775	79.3	68.50	...	...
M §Birmingham W.W. (Nant-y-car)	C. A. Risbridger, Esq., C.E.	5	1	0	1545	76.5	65.80	...	...
M §Birmingham W.W. (Arban)	C. A. Risbridger, Esq., C.E.	5	1	0	1500	73.2	68.20	...	...
M §Birmingham W.W. (Tyn-y-pant)	C. A. Risbridger, Esq., C.E.	5	1	0	1320	62.0	57.85	...	...
M §Birmingham W.W. (Esgair Garthen) ..	C. A. Risbridger, Esq., C.E.	5	1	0	1590	75.5	65.35	...	...
D Birmingham W.W. (Elan Village)	C. A. Risbridger, Esq., C.E.	5	1	0	700	54.4	50.52	200	152
RADNORSHIRE. (Area, 474 sq. mi.)									
1.—WYE. 424 sq. mi.									
D Glasbury-on-Wye	Mr. R. A. Bufton*	5	1	0	276	...	33.86	145	113
D Llyswn (Llanstephan House Gdns.) ..	Lady Milford	5	1	3	440	...	40.48	162	142
D Erwood (Cwrt Gwenddwr)	Mr. J. E. Bufton*	5	1	0	407	...	43.08	186	147
D Hay (Llanbwchllyn) lower	Paincastle R.D.C.	5	1	0	985	...	38.76	169	140
M §Hay (Llanbwchllyn) upper	Paincastle R.D.C.	5	1	0	1400	...	39.63	...	...
d Newchurch	H. Lloyd, Esq.*	5	1	0	801	...	38.70	...	...
D §Builth (Cefndyrys)	E. N. Thomas, Esq.	5	1	0	740	41.5	36.57	169	136
d Llansaintfraed-in-Elvel	W. J. Jones, Esq.*	5	1	0	673	38.7	33.94	...	...
d New Radnor (The Old Rectory)	Professor J. H. Hutton* ..	5	1	0	760	...	37.13	...	135
D Presteigne (Evancoyd)	Major C. J. L. Lewis	5	1	0	744	...	36.85	159	121
D LLANDRINDOD WELLS (The Common) ..	Clerk to the U.D.C.	5	1	0	772	38.7	35.66	161	140
D Cascob (Forester's Lodge)	Forestry Commission	5	1	0	1000	...	42.89	149	129
D §Birmingham W.W. (Tyrmynydd)	C. A. Risbridger, Esq., C.E.	5	1	0	832	62.1	54.82	210	151
D Birmingham W.W. (Ciloerwynt)	C. A. Risbridger, Esq., C.E.	5	1	0	1045	...	57.57	216	161
D Birmingham W.W. (Nantgwillt)	C. A. Risbridger, Esq., C.E.	5	1	0	840	63.2	52.85	210	151
M §Birmingham W.W. (Esgair Gader) 2..	C. A. Risbridger, Esq., C.E.	5	1	0	1500	67.3	58.77	...	...
M Birmingham W.W. (Tynllidiart)	C. A. Risbridger, Esq., C.E.	5	1	0	1006	62.9	57.66	...	...
M §Birmingham W.W. (Claerwen)	C. A. Risbridger, Esq., C.E.	5	1	0	1250	67.7	56.40	...	...
D §Birmingham W.W. (Tynant)	C. A. Risbridger, Esq., C.E.	5	1	0	1020	64.3	58.82	212	157
D §RHAYADER	R. Ashton, Esq., for M.O.	5	1	0	757	47.0	42.76	190	137
D Rhayader (East Street)	R. Ashton, Esq.	5	1	0	700	49.2	43.02	181	138
d Llanddewi-Ystradenny	I. Lewis, Esq.*	5	1	0	767	...	33.41	...	...
M §Birmingham W.W. (Cerigllwydion) ..	C. A. Risbridger, Esq., C.E.	5	1	0	1710	72.4	63.05	...	...
M §Birmingham W.W. (Pen-y-gareg) 1 ..	C. A. Risbridger, Esq., C.E.	5	1	0	1500	...	49.85	...	...
M §Birmingham W.W. (Pen-y-gareg) 2 ..	C. A. Risbridger, Esq., C.E.	5	1	0	1540	...	49.39	...	...
M Birmingham W.W. (Bryn Hir)	C. A. Risbridger, Esq., C.E.	5	1	0	1470	74.2	64.20	...	...
M Birmingham W.W. (Abercaethon)	C. A. Risbridger, Esq., C.E.	5	1	0	1240	67.1	58.06	...	...
M §Birmingham W.W. (Calettwr)	C. A. Risbridger, Esq., C.E.	5	1	0	1490	72.5	63.05	...	...

* Per Wye River Board.

§ Turf wall round gauge.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS		AUTHORITIES		Rain-gauge				Average Rain-fall	1955					
				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			
RADNORSHIRE—(contd.)														
1.—WYE—(contd.)														
D	Abbey Cwmhir (The Hall)	..	..	Col. J. L. Philips	..	..	5	0	10	877	...	36.49	165	123
D	Llangunllo	..	..	H. Kendrick, Esq.*	..	..	5	1	0	776	...	39.20	148	121
M	§Birmingham W.W. (Figin) 2	..	..	C. A. Risbridger, Esq., C.E.	..	..	5	1	0	1700	81.3	67.40	...	...
M	Birmingham W.W. (Aberhenllan)	..	..	C. A. Risbridger, Esq., C.E.	..	..	5	1	0	1070	64.8	56.94	...	...
D	St. Harmons	..	..	J. Hope, Esq.*	..	..	5	1	0	918	...	39.40	156	131
d	§St. Harmons (Bwlch-y-sarnau)	..	..	Mr. J. Hamer*	..	..	5	1	0	1288	...	38.80	...	...
M	Llanbadarn-fynydd	..	..	Mr. J. Hamer*	..	..	5	1	0	974	...	34.44	...	...
d	Pont Marteg (Gamallt)	..	..	Mr. I. Morgans	..	..	5	1	0	785	...	45.93	...	162
d	§St. Harmons (Pen-Ithon)	..	..	Mrs. L. O. Morris*	..	..	5	1	0	1200	...	41.08	...	...
2.—SEVERN. Right Bank Tributaries. 50 sq. mi.														
MONTGOMERYSHIRE. (Area, 797 sq. mi.)														
1.—DOVEY. 120 sq. mi.														
D	Machynlleth (Garth)	..	..	M. Bourne, Esq.	..	..	5	1	0	90	...	48.11	198	158
d	Corris (Ceinws Camp)	..	..	Forestry Commission	..	..	5	1	2	246	...	54.45	...	...
2.—YSTWYTH. 7 sq. mi.														
3.—WYE. 37 sq. mi.														
D	Birmingham W.W. (Bod-Talog)	..	..	C. A. Risbridger, Esq., C.E.	..	..	5	1	0	1250	65.8	62.98	198	178
M	Birmingham W.W. (Glan-Fedwen)	..	..	C. A. Risbridger, Esq., C.E.	..	..	5	1	0	1375	67.7	66.73	...	...
D	Llangurig (Manod)	..	..	Capt. M. Bennett-Evans*	..	..	5	1	0	1050	...	70.23	212	178
w	Llangurig (Cefn-Brwyn)	..	..	Mr. I. Morgans*	..	..	5	1	0	1125	...	75.11	...	...
4.—SEVERN. Right Bank Tributaries. 154 sq. mi.														
D	Llanidloes (Hillfield)	..	..	G. E. Edwards, Esq.	..	..	5	1	6	550	41.5	35.98	175	138
d	Newtown (Mochdre Reservoir)	..	..	Surveyor	..	..	5	0	9	650	...	33.00	...	...
d	Hafren Lodge	..	..	Forestry Commission**	..	..	5	1	0	800	...	49.85	...	...
M	Clywedog (Cwm Biga)	..	..	Severn River Board	..	..	5	1	0	1015	73.9	59.67	...	...
d	Clywedog (Aber Biga)	..	..	Montgomery C. C.**	..	..	5	1	0	900	58.7	50.12	...	...
M	Clywedog (Hafod Cadwgan)	..	..	Severn River Board	..	..	5	1	0	1150	76.7	60.53	...	...
d	Newtown (Penarth Weir)	..	..	British Waterways	..	..	8	1	0	321	35.0	31.70	...	...
d	Newtown (Gregynog Hall Gardens)	..	..	G. C. Austin, Esq.	..	..	5	1	0	650	...	29.81	...	...
5.—SEVERN. Left Bank Tributaries. 479 sq. mi.														
D	Berriew (Brithdir Hall)	..	..	C. L. J. Humphreys, Esq.	..	..	5	1	0	350	30.7	27.54	147	118
d	Welshpool (Fron Llwyd)	..	..	Col. G. B. D. Harrison	..	..	5	1	3	500	33.7	28.49	...	...
D	Gam (Abercannon Farm)	..	..	Severn River Board	..	..	5	1	0	800	...	51.67	185	161
D	Twrch (Dol y Gaseg)	..	..	Severn River Board	..	..	5	1	0	810	...	54.99	162	144
M	Twrch (Cerniau)	..	..	Severn River Board	..	..	5	1	0	1160	...	58.30	...	...
M	Afon Twrch	..	..	Severn River Board	..	..	5	1	0	1390	...	58.90	...	...
M	Lake Vyrnwy (Cownwy Dam)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	929	55.7	52.31	...	...
D	Lake Vyrnwy	..	..	British Waterways	..	..	5	0	10	770	54.0	48.76	197	165
M	Lake Vyrnwy (Hen Gerig)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	1230	71.7	62.70	...	...
M	Lake Vyrnwy (Bryn Gwyn)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	1311	56.7	56.40	...	...
D	LAKE VYRNWY (Experimental Stn.)(+A)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	995	55.5	50.00	203	162
D	Lake Vyrnwy (Bank Cynon Isaf)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	750	55.3	47.63	199	157
M	Lake Vyrnwy (Fron Goch)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	835	...	51.47	...	...
M	Lake Vyrnwy (Ty Uchaf)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	860	58.1	52.52	...	...
M	Lake Vyrnwy (Heol-y-ffridd)	..	No. 1	Liverpool Corpn. W.W.	..	..	5	1	0	913	...	58.08	...	...
M	Lake Vyrnwy (Heol-y-ffridd)	..	No. 2	Liverpool Corpn. W.W.	..	..	5	1	0	830	...	56.52	...	...
M	Lake Vyrnwy (Tyn-y-ffridd)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	1010	...	51.17	...	...
M	Lake Vyrnwy (Lluestwen)	..	No. 2	Liverpool Corpn. W.W.	..	..	5	1	0	1620	...	66.52	...	...
M	Lake Vyrnwy (Llwynrhiw)	..	..	Liverpool Corpn. W.W.	..	..	5	1	0	1428	...	65.16	...	...

*Per Wye River Board.

§ Turf wall round gauge.

** Per Severn River Board.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			above	Ground	above			·01 in. or more	·04 in. or more
				Sea Level					
MONTGOMERYSHIRE—(contd.)									
		in.	ft.	in.	ft.	in.	in.		
5.—SEVERN—(contd.)									
M Lake Vyrnwy (Nant Cawell) ..	Liverpool Corpn. W.W.	5	1	0	1610	77·4	69·87	...	...
M §Lake Vyrnwy (Hirnant) ..	Liverpool Corpn. W.W.	5	1	0	766	...	47·38	...	...
M Lake Vyrnwy (Eunant Bridge) ..	Liverpool Corpn. W.W.	5	1	0	830	...	59·46	...	...
M Lake Vyrnwy (Gadfa) ..	Liverpool Corpn. W.W.	5	1	0	1521	81·4	67·79	...	...
M Lake Vyrnwy (Carreg Goch) ..	Liverpool Corpn. W.W.	5	1	0	1780	66·1	57·86	...	...
M Lake Vyrnwy (Rhiwargor) ..	Liverpool Corpn. W.W.	5	1	0	860	...	54·48	...	...
M Lake Vyrnwy (Hen Eglwys) ..	Liverpool Corpn. W.W.	5	1	0	1420	...	57·80	...	...
M Lake Vyrnwy (Stone) ..	Liverpool Corpn. W.W.	5	1	0	1499	72·2	60·21	...	...
M §Lake Vyrnwy (Fawnog) ..	Liverpool Corpn. W.W.	5	1	0	1315	55·7	52·75	...	...
M Lake Vyrnwy (Pennant Melangell) ..	Liverpool Corpn. W.W.	8	1	0	660	...	52·55	...	...
M Lake Vyrnwy (Erw Berfedd) ..	Liverpool Corpn. W.W.	5	1	0	1800	...	64·40	...	...
d Pen-y-bont (Rhiwlas) ..	Liverpool Corpn. W.W.	5	1	0	748	...	37·62	...	...
FLINTSHIRE. (Area, 256 sq. mi.)									
1.—DEE. 198 sq. mi.									
d Hanmer (Gredington) ..	Lady Kenyon	5	1	0	300	30·4	23·52	...	121
D HAWARDEN Airfield ..	(+A) Meteorological Office	5	1	0	15	...	23·12	158	109
D Mold (Mount Pleasant) ..	W. K. Lewis, Esq., C.E.	5	1	0	503	...	27·20	178	129
D Cilcain (No. 2 Reservoir) ..	Hawarden & Dist. W.W. Co.	5	1	0	785	...	28·71	181	145
w Cilcain (No. 4 Reservoir) ..	Hawarden & Dist. W.W. Co.	5	1	0	900	...	28·75	...	...
D Northop (Soughton Hall) ..	R. W. Bankes, Esq.	5	1	0	418	32·1	26·76	179	127
d Cilcain (Cilcen Hall) ..	Miss W. Yates	5	0	9	700	29·7	26·57	...	132
D Connah's Quay (Mold Road) ..	W. K. Lewis, Esq., C.E.	5	1	0	43	...	24·62	165	125
D Connah's Quay (Pengwladys) ..	W. K. Lewis, Esq., C.E.	5	1	0	231	...	25·74	165	131
D HAWARDEN BRIDGE ..	Messrs. J. Summers & Sons	8	1	0	17	24·3	21·80	151	112
d Halkyn (Bryn Awel) ..	Halkyn District Mines Ltd.	5	0	7	870	...	27·69	...	...
d ||Mostyn ..	Darwen & Mostyn Iron Co.	5	1	0	4	...	24·57	...	...
2.—CLWYD. 51 sq. mi.									
D Bodfari (Nantlys) ..	A. D. H. Pennant, Esq.	5	1	5	178	27·4	20·68	171	113
d St. Asaph (Dwilig Isaf Nursery) ..	Forestry Commission	5	1	0	60	...	18·85	...	...
d Dyserth (Penlee) ..	L. Wilson, Esq.	5	1	0	260	...	20·75	...	...
D RHYL (Westbourne Avenue) ..	(+A) Urban District Council	5	1	0	31	25·8	19·00	155	112
d Rhyl (Dyserth Road) ..	H. Wilson, Esq.	5	1	0	35	...	20·68	...	117
D PRESTATYN ..	Urban District Council	5	1	0	18	...	21·13	153	116
3.—SEVERN. Left Bank Tributaries. 7 sq. mi.									
DENBIGHSHIRE. (Area, 668 sq. mi.)									
1.—DEE. 270 sq. mi.									
D Chirk (Old Vicarage) ..	Late Miss J. B. Jagger	5	1	0	350	33·1	30·33	153	121
D Llangollen (Vivod) ..	H. G. Best, Esq.	5	1	0	640	36·5	31·15	176	136
D Wrexham W.W. (Penycae) ..	Engineer	8	1	0	678	...	33·21	177	151
M §Wrexham W.W. (Bryn Adda) ..	Engineer	5	1	0	1214	...	34·77	...	...
M §Wrexham W.W. (Ruabon Mountain) ..	Engineer	5	1	0	1634	...	34·99	...	...
M §Wrexham W.W. (Mountain Lodge) ..	Engineer	8	1	0	1100	...	32·90	...	...
D Wrexham W.W. (Ty Mawr Res.) ..	Engineer	5	0	9	805	...	29·23	171	126
D Wrexham W.W. (Pack Saddle Res.) ..	Engineer	5	0	9	370	32·0	28·94	170	131
D Wrexham W.W. (Cae Llwyd Res.) ..	Engineer	8	0	9	918	...	32·16	172	133
M Wrexham W.W. (World's End) ..	Engineer	5	1	0	1573	...	34·61	...	...
M §Wrexham W.W. (Erwau) ..	Engineer	5	1	0	1160	...	35·55	...	...
M Wrexham W.W. (Gwter Siani) ..	Engineer	5	1	0	1503	...	34·27	...	...
M §Wrexham W.W. (Abersychnant) ..	Engineer	5	1	0	1370	...	32·28	...	...

§ Turf wall round gauge.

|| Site unorthodox.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		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.		
DENBIGHSHIRE—(contd.)									
1.—DEE—(contd.)									
M Wrexham W.W. (Minera)	Engineer	5	0	9	1400	...	33.28	...	...
D Wrexham (Salisbury Park)	Late S. E. Ashmore, Esq. ..	5	1	0	283	...	26.56	165	122
D WREXHAM (Grove Park School) (+A)	Late S. E. Ashmore, Esq. ..	5	1	0	273	...	25.42	165	125
D Wrexham (Camberley Drive)	R. Scutt, Esq.	5	1	0	268	...	26.25	168	127
D Wrexham (Pendinas Reservoir) W.W.	Engineer	5	1	0	1249	...	34.69	190	150
D BWLCHGWYN	Late S. E. Ashmore, Esq. ..	5	1	0	1267	...	34.96	189	152
D Wrexham W.W. (Nantyffrith Reservoir)	Engineer	5	0	6	1040	...	35.26	181	153
D Wrexham W.W. (Llyncyfynwy)	Engineer	5	0	6	1130	...	34.04	183	149
d Llanferres (Coed Clwyd Forest) ..	Forestry Commission ..	5	0	8	900	...	28.58	...	...
d Llanfihangel-glyn-myfyr	W. K. Lewis, Esq., C.E. ..	5	1	0	898	...	32.31	202	144
D River Alwen (Alwen Filter House) ..	W. K. Lewis, Esq., C.E. ..	5	1	0	1100	46.4	39.36	210	160
D River Alwen (Alwen Dam)	W. K. Lewis, Esq., C.E. ..	5	1	0	1189	49.1	42.39	214	166
D River Alwen (Hafod-y-llan-isaf) ..	W. K. Lewis, Esq., C.E. ..	5	1	0	1180	47.8	41.27	213	165
Pentre Voelas (Nant Heilyn)	W. K. Lewis, Esq., C.E. ..	5	1	0	1225	49.2	44.73	...	...
River Brenig (Hafod-yr-onen)	W. K. Lewis, Esq., C.E. ..	5	1	0	1175	...	38.82	...	...
Nantglyn (Pant-y-maen)	W. K. Lewis, Esq., C.E. ..	8	1	0	1320	50.3	42.86	...	...
Llyn Brân	W. K. Lewis, Esq., C.E. ..	8	1	0	1428	52.1	41.97	...	...
2.—CLWYD & C. 267 sq. mi.									
D Clawdd-newydd No. 2	W. K. Lewis, Esq., C.E. ..	5	1	0	983	37.5	32.07	175	146
d Clawdd-newydd (Foel Fach)	Forestry Commission ..	5	0	8	1000	...	28.58	...	...
Ruthin (Corwen Road)	W. K. Lewis, Esq., C.E. ..	5	1	0	234	...	25.65	...	...
Llyn Aled	J. Round, Esq., A.M.I.C.E. ..	5	1	6	1228	46.3	36.43	...	...
D Ruthin (Bwlch Tunnel)	W. K. Lewis, Esq., C.E. ..	5	1	0	908	...	25.99	217	145
Llyn Aled (Moel-y-Bryniau)	J. Round, Esq., A.M.I.C.E. ..	5	1	4	1250	46.3	36.02	...	...
d Denbigh (Mental Hospital)	Clerk & Steward	5	1	0	316	...	25.58	...	135
Denbigh (Groes Hall)	E. K. Turnour, Esq.	5	1	0	650	...	26.95	...	...
D Llangwyfan (Hospital)	Hospital Secretary	5	1	0	460	...	24.60	183	127
Llanefydd (Dolwen Res., South) ..	J. Round, Esq., A.M.I.C.E. ..	5	1	0	600	...	27.30	...	...
Llanefydd (East)	J. Round, Esq., A.M.I.C.E. ..	5	1	0	570	...	27.36	...	...
D Llanefydd (Plas Uchaf Res.)	J. Round, Esq., A.M.I.C.E. ..	5	1	0	485	...	24.32	192	131
D Llanefydd (Glascoed Filter Station)	J. Round, Esq., A.M.I.C.E. ..	5	1	0	360	...	21.19	175	124
D COLWYN BAY (Eirias Park)	Borough Surveyor	5	1	0	118	28.9	23.42	167	111
3.—CONWAY. 84 sq. mi.									
D Pentre Voelas (Voelas Hall)	Col. J. C. Wynne Finch ..	5	1	3	644	53.2	44.42	185	152
D Tal-y-Cafn (Bodnant)	Lord Aberconway, C.B.E. ..	5	1	0	170	37.0	27.38	176	129
4.—SEVERN. Left Bank Tributaries. 47 sq. mi.									
MERIONETHSHIRE. (Area, 661 sq. mi.)									
1.—DEE. 218 sq. mi.									
M Cwm Hirnant (Maesafallen)	Dee & Clwyd River Board	5	1	4	957	60.8	51.05	...	...
§ Wrexham W.W. (Cwm Gwyn)	Engineer	5	1	0	1600	...	48.34	...	...
M § Afon Lliw (Blaen Lliw Isaf)	Dee & Clwyd River Board	5	1	6	1279	85.6	62.60	...	...
D Bala (Boys' Grammar School)	Dee & Clwyd River Board	5	1	3	537	46.9	40.92	195	151
D Llandrillo (Crogen)	H. Robertson, Esq.	8	1	0	530	...	41.51	180	138
Derwen (Minffordd)	W. K. Lewis, Esq., C.E. ..	5	1	0	971	...	32.37	...	...
2.—CLWYD. 7 sq. mi.									
3.—GLASLYN. 92 sq. mi.									
d Harlech (Royal St. Davids Golf Club)	Secretary	5	1	2	15	...	38.83	...	...
D HARLECH (Hendre)	E. H. Price, Esq., for M.O. ..	5	1	0	750	...	52.84	194	162

§ Turf wall round gauge.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground above		Rain-fall	Days with	Days with
			Rim above	Ground above	Sea Level			·01 in. or more	·04 in. or more
MERIONETHSHIRE—(contd.)									
3.—GLASLYN—(contd.)									
M Trawsfynydd (Cefn Gell-y-Cwm) ..	Central Electricity Authority	5	1	0	665	...	56·83	...	...
Trawsfynydd (Tyn Twll) ..	Central Electricity Authority	5	1	3	750	...	65·90	...	...
M Trawsfynydd (Darn Gae) ..	Central Electricity Authority	5	1	0	950	73·8	58·60	...	...
d Pandyrddrwyrd (Main Dam) ..	Central Electricity Authority	5	1	3	650	...	52·67	...	...
w Tyddyn-y-Gareg (Hendre Mur) ..	Central Electricity Authority	5	1	3	660	...	56·12	...	...
d Festiniog (Hafod Fawr) ..	Forestry Commission	8	1	4	1000	74·6	54·45	...	...
D §Llyn Morwynion ..	Ffestiniog U.D.C. ..	5	1	0	1320	91·5	72·22	201	175
D §Manod Ffestiniog ..	Ffestiniog U.D.C. ..	5	1	0	713	91·4	73·55	216	179
d §Ffestiniog (Penmaesllan) ..	Ffestiniog U.D.C. ..	5	1	0	545	...	57·65	...	...
d Blaenau Festiniog (Oakeley Quarry) ..	G. W. Humphreys, Esq. ..	5	1	0	1100	106·5	86·87	...	...
D Blaenau Festiniog (Llechwedd Quarry) ..	Messrs. J. W. Greaves & Son	5	1	0	700	101·1	83·88	203	192
4.—MAWDDACH & C. 262 sq. mi.									
D Barmouth	Urban District Council ..	5	1	0	10	...	36·72	178	136
D Arthog (The Crescent) ..	Eric Parker, Esq. ..	5	1	0	6	...	39·61	194	150
Dolgelley (Bronygader) ..	Lt.-Col. A. E. Jelf-Reveley ..	5	1	0	200	...	54·09	...	...
5.—DOVEY. 82 sq. mi.									
D Aberdovey (Plas Penhelig) ..	Mrs. A. Rieben ..	5	1	0	150	43·3	36·46	192	150
D Pennal (Llwyn-Celyn) ..	Lt.-Col. M. V. le P. Trench	5	1	0	30	...	48·23	193	156
d Aberangell (Gwynynd) ..	J. Norman Jones, Esq. ..	5	0	10	450	...	55·89	...	160
6.—SEVERN. Left Bank Tributaries.									
CAERNARVONSHIRE. (Area, 572 sq. mi.)									
1.—BARDSEY ISLAND.									
2.—CONWAY & C. 146 sq. mi.									
D Capel Curig (Gwydyr) ..	Forestry Commission ..	5	1	0	450	...	59·80	205	165
D Capel Curig (Glyn Curig) ..	W. S. Parrott, Esq., J.P. ..	5	2	0	710	86·7	69·63	212	170
Lake Cowlyd (Capel Curig) ..	Central Electricity Authority	5	1	6	1400	92·0	68·71	...	...
Lake Llugwy ..	Central Electricity Authority	5	1	0	1820	100·1	73·47	...	...
Lake Cowlyd (Ffrith Garreg Wen)	Conway & Colwyn Bay W. Bd.	5	1	0	1168	87·1	69·08	...	...
Lake Cowlyd (Cowlyd) ..	Central Electricity Authority	5	1	0	1200	83·9	66·13	...	...
d Lake Eigiau (Dam Site) ..	Central Electricity Authority	5	1	5	1244	...	59·27	...	...
D Llanrwst (Tal-y-bont) ..	G. Ellis, Esq. ..	5	1	0	60	...	46·35	197	155
w Llanbedr-y-Cennin (Melynlyn) ..	J. A. Edwards, Esq., C.E. ..	5	1	0	2065	118·8	85·48	...	...
w Llanbedr-y-Cennin (Llyndulyn) ..	J. A. Edwards, Esq., C.E. ..	8	1	6	1632	102·7	74·06	...	...
w Llanbedr-y-Cennin (Plasdulyn) ..	J. A. Edwards, Esq., C.E. ..	8	1	0	509	...	39·02	...	...
d Conway (Mussel Tanks) ..	Min. of Agric. & Fisheries	5	1	0	50	...	24·18	...	...
D LLANDUDNO (Cricket Ground) ..	Medical Officer of Health ..	5	1	0	19	28·1	21·99	159	111
3.—MENAI STRAITS. 221 sq. mi.									
D Edeyrn Tydweiliog (Cefnamwlch) ..	Brig. W. H. Wynne Finch ..	5	1	0	300	...	36·54	160	136
M Nantlle (Dorothea Quarry) ..	Dorothea Slate Quarry Co. ..	5	2	0	300	...	46·90	...	...
D Llandwrog (Glynllifon Gardens) ..	Glynllifon Agric. Institute ..	5	1	0	110	44·7	35·89	162	136
D Bethesda (Penrhyn Quarries) ..	General Manager ..	8	1	0	527	...	46·54	196	157
d Port Dinorwic (Vaynol) ..	Sir Michael Assheton-Smith	5	0	8	100	...	32·35	...	...
D Bangor (BRYN ADDA) ..	Director, Exp. Hort. Stn.	5	1	0	275	...	33·47	190	137
D Bangor (Town Hall) ..	Water Engineer & Surveyor	8	1	6	50	...	34·33	170	143
D ABER (University College Farm) ..	Professor of Agriculture ..	5	1	0	60	40·7	32·43	192	132
d Llanfairfechan (School House) ..	Surveyor, U.D.C. ..	5	1	0	120	37·9	32·40	...	...
d Penmaenmawr (Treforris Road) ..	Mrs. E. H. Leonard ..	5	1	2	160	36·1	29·68	...	...

§ Turf wall round gauge.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS		AUTHORITIES		Rain-gauge		Average Rain-fall	1955						
				Diam.	Height of Rim above Ground		Height of Ground above Sea Leve	Rain-fall	Days with .01 in. or more	Days with .04 in. or more			
CAERNARVONSHIRE—(contd.)				in.	ft.	in.	ft.	in.	in.				
4.—ERCH & C. 155 sq. mi.													
d	Abersoch (Anhywel)	..	..	F. P. Winterbotham, Esq.	..	5	1	0	80	...	29.18	...	...
D	Pwllheli (West End)	..	..	B. V. Howell, Esq.	..	8	1	3	9	...	32.45	163	133
5.—GLASLYN. 50 sq. mi.													
D	Portmadoc (Wern)	..	..	Lt.-Col. M. I. Williams-Ellis	..	5	1	0	20	...	36.42	195	141
D	Beddgelert (Primary School)	..	..	Headmaster	..	5	1	2	133	88.6	75.16	191	167
	Beddgelert (Hafod Ruffydd)	..	..	T. W. Thomas, Esq.	..	5	1	0	490	...	72.69	...	...
D	Snowdon (Cwm Dyli)	..	..	Central Electricity Authority	..	5	1	0	310	134.0	102.91	...	...
D	Snowdon (Cwm Dyli, Old Rd.)	(+A)	..	Central Electricity Authority	..	5	0	10	325	...	97.10	207	184
M	Snowdon (Llewedd)	..	..	Central Electricity Authority	..	5	1	3	1485	...	110.40	...	...
M	Snowdon (Delta)	..	..	Central Electricity Authority	..	5	1	0	1435	165.1	123.00	...	...
M	Snowdon (Glaslyn)	..	..	Central Electricity Authority	..	5	0	8	2050	...	122.20	...	...
M	Snowdon (Teryn)	..	..	Central Electricity Authority	..	5	1	0	1080	...	111.60	...	...
d	Snowdon (Llydaw Intake)	..	..	Central Electricity Authority	..	5	1	0	1480	147.1	107.52	...	...
d	Snowdon (L. Llydaw Copper Mine)	..	..	Central Electricity Authority	..	5	1	5	1480	153.0	115.72	...	...
	Snowdon (Crib Goch)	..	..	Central Electricity Authority	..	5	1	3	2340	...	129.00	...	...
ANGLESEY. (Area, 275 sq. mi.)													
D	Bryn-siencyn (Trefarthen)	..	..	Miss E. Meyrick	..	5	1	0	30	...	25.32	154	115
D	Newborough Forest	..	..	Forestry Commission	..	5	0	9	3	...	29.25	174	126
d	Llangefni (Glanaber)	..	..	W. Rowlands, Esq.	..	8	1	2	70	...	27.77	...	...
d	Llansadwrn (Treffos)	..	..	C. P. Vivian-Hampton, Esq.	..	5	0	9	318	...	34.62	...	132
D	Llansadwrn (Gadlys Cottage)	..	..	A. E. C. Morgan, Esq., M.A.	..	5	1	0	340	...	33.81	224	140
D	§HOLYHEAD (VALLEY Airfield)	(+A)	..	Meteorological Office	..	8	1	0	32	32.9	25.37	178	115
D	Llanerchymedd (Llwydiarth Esgob)	..	..	T. S. Bown, Esq.	..	5	1	0	175	38.1	31.97	187	134
d	Marian Glas (Old Parciau)	..	..	Capt. M. R. Macnab	..	5	1	6	350	...	36.12	...	128
D	Amlwch (Dyffryn Adda)	..	..	Major C. Fanning Evans	..	5	1	3	178	36.3	31.38	178	135
d	Cemaes Bay (Waterworks)	..	..	Twrcelyn R.D.C.	..	5	0	6	30	...	28.31	...	...
ISLE OF MAN. (Area, 227 sq. mi.)													
D	Port St. Mary (The Point)	..	..	F. Edwards, Esq.	..	5	1	0	30	...	31.51	179	127
D	RONALDSWAY Airport	..	(+A)	Meteorological Office	..	5	1	0	55	31.0	32.38	173	118
D	Ballagawne Reservoir	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	1	0	365	36.5	35.33	170	134
W	Douglas (Cringlle Reservoir)	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	1	0	500	43.2	42.65	...	...
D	¶Peel (Glen Maye Filter House)	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	1	0	265	...	30.47	174	125
D	DOUGLAS (Borough Cemetery)	..	..	Borough Surveyor	..	5	1	0	284	41.2	42.17	177	137
D	Douglas (Clypse Reservoir, Onchan)	..	..	Water Engineer	..	8	1	0	440	43.9	42.68	187	146
D	West Baldwin Reservoir	..	..	Water Engineer	..	5	1	0	475	...	53.93	190	150
M	§Sulby Glen (Block Eary Dam)	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	1	6	620	...	61.04	...	...
D	Sulby (Filter House)	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	2	6	106	...	42.99	166	129
D	Ramsey (Ballure Reservoir)	..	..	T. C. Greenfield, Esq., B.Sc.	..	5	1	0	245	...	44.93	186	142
	Ramsey (Grammar School)	..	..	A. P. Shimmin, Esq.	..	5	1	0	36	...	41.35	...	...
CHANNEL ISLANDS. (Area, 76 sq. mi.)													
JERSEY. 45 sq. mi.													
D	St. Saviour (Petit Ménéage)	..	..	G. J. Robin, Esq.	..	5	0	10	30	...	28.18	165	117
D	St. Helier (Harbour Office)	..	..	Greffier	..	8	1	0	28	...	26.88	144	116
D	St. Helier (St. Louis Observatory) (+A)	..	..	Rev. Father C. Rey, S.J.*	..	8	1	5	180	...	28.32	163	118
D	St. Brelade (La Sergenté)	..	..	W. Benest, Esq.*	..	5	1	4	194	...	27.51	154	114
D	La Colline (Gorey)	..	..	R. Burrow, Esq.	..	5	1	0	120	...	26.80	139	111
D	St. Peter's (JERSEY AIRPORT) (+A)	..	..	States of Jersey	..	5	1	0	273	...	28.14	158	120

§ Turf wall round gauge.

* Per R. Burrow, Esq.

¶ Site unorthodox.

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain fall	Days with	Days with
			Rim	above	above			·01 in.	·04 in.
			Ground	Sea Level				or more	or more
CHANNEL ISLANDS—(contd.)		in.	ft.	in.	ft.	in.	in.		
JERSEY—(contd.)									
D St. Lawrence (Beaumont Marsh)	R. Burrow, Esq.	5	1	0	60	...	31·50	157	122
D Millbrook Reservoir	R. Burrow, Esq.	5	2	0	53	...	30·42	160	123
D Grands Vaux Reservoir	R. Burrow, Esq.	5	1	0	272	...	29·23	152	124
D St. Ouen's Manor	Sir Guy Malet de Carteret*	5	1	4	260	...	28·08	151	115
D Handois Reservoir	R. Burrow, Esq.	5	1	0	272	...	31·35	174	133
D Trinity (States Experimental Farm) ..	States of Jersey*	5	0	10	340	...	31·84	151	125
D St. Ouen (Vinchalez)	F. le Maistre, Esq.* ..	5	1	0	260	...	28·77	149	121
GUERNSEY. 25 sq. mi.									
D Haut Nez	W. H. Morgan, Esq.	5	1	0	340	...	30·10	165	125
d Kings Mills	W. H. Morgan, Esq.	5	1	0	45	...	31·93	...	124
D Les Quartiers	A. Higgs, Esq.	5	1	2	60	...	29·70	157	116
D GUERNSEY (STATES AIRPORT)	Commandant	5	1	0	340	...	29·99	159	121
D Sark (La Clôture)	W. J. Roe, Esq.	5	1	0	300	...	27·63	150	114

Scotland

DIVISION XII—SOUTHERN COUNTIES

WIGTOWNSHIRE. (Area, 488 sq. mi.)

1.—LOCH RYAN. 46 sq. mi.									
D Castle Kennedy (Lochinch)	The Earl of Stair	5	1	0	85	...	38·20	177	142
D Stranraer Filters	Burgh Surveyor	5	1	0	227	...	41·36	204	142
2.—WESTERN GALLOWAY. 44 sq. mi.									
D Logan House	Mr. G. Steadwood	8	1	2	60	37·3	36·13	202	136
3.—LUCE BAY. 186 sq. mi.									
D Port William (Monreith)	Monreith Estate Company	5	1	0	145	38·5	35·10	171	133
D Stoneykirk (WEST FREUGH Airfield) (+A)	Meteorological Office ..	5	1	0	52	...	32·00	169	124
W Glenluce (Dunragit)	Dept. of Agriculture	5	1	0	341	...	36·85	...	...
D Glenluce (Camrie Farm)	James Gordon, Esq.	5	1	2	323	...	41·77	186	151
4.—CREE & WIGTOWN BAY. 212 sq. mi.									
D Garlieston (Galloway House)	P. H. Fletcher, Esq.	5	0	11	30	39·1	35·94	178	136
D Garlieston (Culderry)	Capt. A. Walmsley	5	1	0	25	...	33·90	177	136
D Newton Stewart (Little Barraer)	H. P. Hawthorn, Esq.	5	1	0	180	44·8	37·95	175	137

KIRKCUDBRIGHTSHIRE. (Area, 902 sq. mi.)

1.—DOON. 16 sq. mi.									
2.—CREE & WIGTOWN BAY. 222 sq. mi.									
D Borgue (Roberton)	J. Douglas Brown, Esq., O.B.E.	5	1	0	50	39·8	34·02	175	127
d Kirroughtree Forest	Forestry Commission	5	1	3	50	...	45·67	...	148
3.—DEE. 377 sq. mi.									
D GLENLOCHAR	S. of Scotland Electricity Bd.	5	0	9	154	...	39·18	157	131
D Threave	Major A. F. Gordon	5	1	0	275	...	39·32	162	127

* Per R. Burrow, Esq.

|| Gauge over-sheltered.

DIVISION XII—SOUTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		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
KIRKCUDBRIGHTSHIRE—(contd.).		in.	ft.	in.	ft.	in.	in.		
3.—DEE—(contd.)									
d Mossdale (Hensol)	The Marchioness of Ailsa ..	8	1	0	200	51·7	44·65	186	144
d Laggan of Dee	S. of Scotland Electricity Bd.	5	1	0	550	...	56·85	162	150
D Clatteringshaws (Tunnel Intake)	S. of Scotland Electricity Bd.	5	1	0	600	70·5	50·79	176	151
D New Galloway (Wellwood)	W. McClure, Esq.	5	1	0	232	...	43·26	180	135
D Craigenallie	S. of Scotland Electricity Bd.	5	1	0	740	80·1	66·66	189	154
D Loch Dee	S. of Scotland Electricity Bd.	5	1	0	800	81·5	66·06	...	...
D ||Dalry (GLENLEE) (+A)	S. of Scotland Electricity Bd.	5	1	0	181	...	48·49	170	144
D Dalry (Garroch)	Mr. W. A. Lockhart	8	1	0	250	59·7	47·35	181	148
D Dalry (Creaganfois)	R. C. Hayward, Esq.	5	1	0	410	...	41·07	169	135
D Dalry (Forrest Lodge)	R. M. Watson, Esq.	5	1	0	500	63·2	56·06	187	145
D Dalry (Kendoon)	S. of Scotland Electricity Bd.	5	0	6	520	...	41·56	185	136
D Carsphairn (Finland)	S. of Scotland Electricity Bd.	5	1	0	940	51·1	42·23	207	141
d Carsphairn (The Knowe)	J. A. Hunter, Esq.	8	2	0	550	...	45·22	...	...
d Carsphairn (Cornharrow)	S. of Scotland Electricity Bd.	5	1	0	810	53·6	43·52	...	150
D Carsphairn (Knockengarroch)	S. of Scotland Electricity Bd.	5	1	0	740	58·2	42·97	184	148
D Carsphairn (Drumjohn)	S. of Scotland Electricity Bd.	5	1	0	746	...	44·50	189	151
4.—URR & C. 196 sq. mi.									
D Auchencairn (Daffin Cottage)	Mrs. M. C. Milligan	5	1	3	50	...	44·19	157	134
Auchencairn (Torr House)	Thomas Ovens, Esq.	5	1	0	50	47·1	43·42	...	...
D Castle Douglas (The Leaths)	Imperial Chem. Indust. Ltd.	5	1	0	196	...	36·08	152	125
D Castle Douglas (Corbieton)	Miss A. G. Biggar	5	0	9	175	...	36·53	157	127
D Chipperkyle	Miss Isobel Pollok-Morris..	5	1	6	310	...	39·55	151	133
5.—NITH & C. 91 sq. mi.									
D Lochrutton (Dumfries Waterworks)	J. R. Whyte, Esq., C.E.	5	1	0	273	44·0	37·26	179	133
D Glenkiln Reservoir	J. R. Whyte, Esq., C.E.	5	1	0	450	...	46·19	157	141
DUMFRIESSHIRE. (Area, 1,074 sq. mi.)									
1.—CLYDE. Right Bank Tributaries. 5 sq. mi.									
M §Daer (Whiteholm)	Water Engineer, Lanarkshire	5	1	0	1360	...	60·70	...	...
2.—URR. 6 sq. mi.									
3.—NITH & C. 421 sq. mi.									
D RUTHWELL (Comlongon Castle)	The Earl of Mansfield	5	1	0	95	35·5	32·05	178	126
D §DUMFRIES (Crichton Royal Institute)	Physician Superintendent	5	1	0	140	39·1	31·92	164	122
d Blackwood	T. H. Kennedy, Esq.	5	1	6	100	41·1	36·67	145	124
D Maxwellton House	Maj. Gen. Sir J. E. Laurie, Bt.	5	1	0	350	...	33·73	175	131
D Kettleton	County Engineer	5	1	0	640	...	39·91	230	172
M Eucharhead	County Engineer	5	1	0	1370	77·6	59·96	...	...
D Eucharbank	County Engineer	5	1	0	1080	...	58·89	197	152
M Poltallan Burn	County Engineer	5	1	0	1550	...	54·00	...	...
D Durrisdeer (Drumlanrig)	Master of Works	6	0	9	191	43·6	37·37	185	144
D Kirkconnel (Fauldhead)	National Coal Board	8	1	0	530	...	38·37	195	145
4.—ANNAN. 367 sq. mi.									
D Dalton (Kirkwood)	Captain J. Steel	5	1	8	260	...	33·87	171	132
D Parkgate (Glenview)	Forestry Commission	5	1	0	538	...	42·11	177	130
M Forest of Ae (Cran Loch)	Forestry Commission	5	1	2	1100	...	44·15	...	...
D Moffat (St. Margarets)	Sir W. R. Younger, Bart. ..	5	1	0	463	...	38·49	144	121

§ Turf wall round gauge.

|| Gauge over-sheltered.

DIVISION XII—SOUTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above Ground	Ground above Sea Level			·01 in. or more	·04 in. or more	
DUMFRIESSHIRE—(contd.)		in.	ft.	in.	ft.	in.	in.		
5.—ESK. 275 sq. mi.									
D	Eaglesfield (Springkell Gardens) .. Lt.-Col. R. Johnson-Ferguson	5	1	0	303	41·3	35·21	171	136
D	Half Morton (Solway Bank) .. Major B. Johnson-Ferguson	5	0	8	466	...	37·50	183	141
D	Canonbie (Irvine House) .. Capt. J. G. Milne-Home ..	5	0	9	200	46·5	36·63	163	132
D	Winterhope .. County Engineer ..	5	1	0	570	...	42·02	193	150
D	Langholm (Craigcleuch) .. J. B. Robertson, Esq. ..	5	1	0	490	...	43·39	206	153
D	Eskdalemuir (Sandyford) .. County Engineer ..	5	1	0	728	...	41·13	233	172
M	§Eskdalemuir (Cairn Knowe) .. County Engineer ..	5	1	0	1107	...	44·53	...	...
M	Eskdalemuir (Blackeshead) .. County Engineer ..	5	1	0	797	...	42·99	...	...
M	§Eskdalemuir (Peat Rig) .. County Engineer ..	5	1	0	1251	...	47·74	...	...
M	Eskdalemuir (Garwaldshiels) .. County Engineer ..	5	1	0	941	...	44·61	...	...
M	§Eskdalemuir (Monkingshaw Knowe) .. County Engineer ..	5	1	0	1054	...	47·35	...	...
D	Eskdalemuir (Johnstone House) .. Lady Lethem ..	5	1	0	650	...	42·21	189	139
M	§Eskdalemuir (White Hole) .. County Engineer ..	5	1	0	1230	...	49·97	...	...
M	§Eskdalemuir (Jock's Shoulder) .. County Engineer ..	5	1	0	1757	...	54·05	...	...
D	Eskdalemuir (Kiddamhill) .. County Engineer ..	5	1	0	905	...	46·53	159	146
D	ESKDALEMUIR Observatory .. (+A) Meteorological Office ..	8	1	4	794	56·3	44·15	198	147
ROXBURGHSHIRE. (Area, 666 sq. mi.)									
1.—NORTH TYNE. 6 sq. mi.									
2.—TWEED. LOWER. Right Bank Tributaries. 57 sq. mi.									
D	Yetholm (Old Graden) .. P. S. Short, Esq. ..	5	1	0	500	...	24·80	172	111
3.—TWEED. Teviot & c. 431 sq. mi.									
D	Denholm (Spital Tower) .. J. G. Leadbetter, Esq. ..	5	0	6	425	32·7	21·79	186	121
d	Jedburgh (Jedneuk) .. Capt. J. S. Aikman, M.C. ..	5	1	0	270	26·3	19·60	169	111
D	Crailling .. Mr. J. Y. Burns ..	5	1	0	190	27·6	20·48	166	118
d	Ancrum (Monteviot) .. Capt. J. S. Aikman, M.C. ..	5	1	0	210	29·8	20·61	...	...
4.—TWEED. Ettrick & c. 10 sq. mi.									
D	Melrose (Dingleton Hospital) .. Superintendent ..	5	1	0	480	30·8	17·41	150	95
D	Melrose (The Anchorage) .. Major J. A. Paton ..	5	1	3	300	...	19·45	159	109
5.—TWEED. Gala. 6 sq. mi.									
6.—TWEED. Leader & c. 25 sq. mi.									
7.—TWEED. LOWER. Left Bank Tributaries. 25 sq. mi.									
D	KELSO (FLOORS) .. The Duke of Roxburghe ..	5	1	0	195	26·0	21·45	155	116
8.—ESK. 106 sq. mi.									
	Newcastleton Forest .. Forestry Commission ..	5	1	0	800	48·5	36·20	...	...

DIVISION XIII—SOUTH-EASTERN COUNTIES

SELKIRKSHIRE. (Area, 268 sq. mi.)

1.—TWEED. Teviot & c. 34 sq. mi.

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in. or more	·04 in. or more
			Ground	Sea Level					
		in.	ft.	in.	ft.	in.	in.		
SELKIRKSHIRE—(contd.)									
2.—TWEED. Ettrick & c. 192 sq. mi.									
P Selkirk (Bowhill)	Buccleugh Estates Ltd. ..	5	1	0	600	...	24·33	181	124
d Selkirk (Burn Mill)	County Surveyor	5	1	6	390	...	21·80	145	115
	Selkirk (Broomhill)	5	1	0	575	...	20·62	...	...
D Ettrick Manse	Rev. J. G. Ross	5	1	0	785	55·6	36·40	155	132
M §Edinburgh W.W. (Megget Head) ..	Edinburgh Water Engineer	8	1	6	1496	...	46·40	...	...
D Walkerburn (Elibank)	Sir John Milne Home ..	5	1	0	440	...	23·60	172	124
3.—TWEED. UPPER. Right Bank Tributaries. 17 sq. mi.									
4.—TWEED. UPPER. Left Bank Tributaries. 19 sq. mi.									
D Caddonfoot (Fairmile)	Mr. A. Bruce	5	1	0	450	32·5	24·01	169	117
D Galashiels (The Peel, Clovenfords) ..	Group Medical Supt. ..	5	1	0	450	35·5	25·89	179	122
M §Galashiels (Knowsdean Reservoir) ..	Water Superintendent ..	5	1	0	892	...	26·55	...	...
M §Galashiels (Craig Head)	Water Superintendent ..	5	1	0	900	...	28·20	...	...
M §Galashiels (Caddonhead)	Water Superintendent ..	5	1	6	1050	...	28·85	...	...
5.—TWEED. Gala. 6 sq. mi.									
PEEBLESSHIRE. (Area, 348 sq. mi.)									
1.—TWEED. UPPER. Right Bank Tributaries. 127 sq. mi.									
M Edinburgh W.W. (Ravensraig) ..	Edinburgh Water Engineer	8	1	6	2258	81·1	66·43	...	...
M §Edinburgh W.W. (Ballaman Hill) ..	Edinburgh Water Engineer	5	1	6	1700	58·7	45·30	...	...
M Edinburgh W.W. (Gameshope Loch) ..	Edinburgh Water Engineer	5	1	0	1900	...	59·49	...	...
M Edinburgh W.W. (Garelot Dod) ..	Edinburgh Water Engineer	5	1	6	2200	...	59·90	...	...
M Edinburgh W.W. (Gameshope Farm) ..	Edinburgh Water Engineer	8	1	6	1538	71·3	55·14	...	...
M Edinburgh W.W. (Fruid Farm) ..	Edinburgh Water Engineer	5	1	6	1020	49·2	40·10	...	...
M §Edinburgh W.W. (Shiel Hope) ..	Edinburgh Water Engineer	5	1	6	1300	51·3	38·70	...	...
M Edinburgh W.W. (Hawkshaw) ..	Edinburgh Water Engineer	5	1	6	1100	48·7	38·10	...	...
M Edinburgh W.W. (Talla Linns Foot) ..	Edinburgh Water Engineer	8	1	6	966	55·2	43·81	...	...
M Edinburgh W.W. (Upper Menzion) ..	Edinburgh Water Engineer	5	1	6	1020	...	35·93	...	...
M Edinburgh W.W. (Nether Garelot) ..	Edinburgh Water Engineer	5	1	0	1700	56·0	43·47	...	...
M §Edinburgh W.W. (The Rig)	Edinburgh Water Engineer	5	1	6	1150	46·2	36·88	...	...
M §Edinburgh W.W. (Quarter Hill) ..	Edinburgh Water Engineer	8	1	0	1196	46·4	37·75	...	...
D Edinburgh W.W. (Victoria Lodge) ..	Edinburgh Water Engineer	5	1	3	900	50·0	34·80	186	155
2.—TWEED. UPPER. Left Bank Tributaries. 192 sq. mi.									
Innerleithen (Glen)	Lord Glenconner	5	1	0	720	...	26·30	...	...
D Stobo Castle	Mr. Andrew Dunlop ..	5	1	0	594	34·9	28·86	204	139
D PEEBLES (High School)	Rector	5	1	0	600	...	24·13	161	118
D West Linton (Woodlea Cottage) ..	Edinburgh Water Engineer	5	0	11	801	35·7	26·06	206	132
d WEST LINTON (Western Green)	P. Hadland, Esq.	5	1	0	880	...	29·63	...	140
D West Linton (Baddingsgill Reservoir) ..	T. Aitken, Esq.	8	1	0	1100	44·6	31·29	224	143
3.—ESK. 23 sq. mi.									
D Eddlestone (Portmore Reservoir) ..	Edinburgh Water Engineer	5	0	6	1000	35·2	25·89	193	124
D Carlops (North Esk Reservoir)	J. Gilmour, Esq.	5	1	0	1150	39·5	29·03	197	135
4.—CLYDE. Right Bank Tributaries. 6 sq. mi.									
BERWICKSHIRE. (Area, 457 sq. mi.)									
1.—TWEED. Gala. 6 sq. mi.									

§ Turf wall round gauge.

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

STATIONS		AUTHORITIES		Rain-gauge				Average Rain- fall	1955				
				Diam.	Height of Rim above Ground		Ground above Sea Level		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more		
BERWICKSHIRE—(contd.)						in.	ft.	in.	ft.	in.			
2.—TWEED. Leader. 92 sq. mi.													
d	Earlston (Cowdenknowes)	..	..	Mr. James Mackie	..	5	1	3	300	28·8	19·61	...	...
D	Earlston (Carolside)	..	..	Sir John Gilmour, Bart.	..	5	1	0	350	...	20·58	161	109
3.—TWEED. LOWER. Left Bank Tributaries. 115 sq. mi.													
D	Coldstream (Lochton)	..	..	Mrs. Aitchison	..	5	1	0	150	25·9	18·64	155	105
D	Swinton House	..	..	(+A) Canon A. E. Swinton, M.A.	..	5	1	0	200	26·4	21·00	179	111
d	Paxton (Tweedhill)	..	..	C. H. Brackenbury, Esq.	..	5	1	0	50	...	21·76	160	111
4.—TWEED. Whiteadder. 164 sq. mi.													
D	MARCHMONT House	..	..	Sir John McEwen, Bart.	..	5	1	0	498	32·2	22·44	178	116
D	Duns Castle	..	..	Col. G. H. Hay	..	5	1	0	500	30·8	21·44	164	114
D	Duns (Manderston)	..	..	Major C. W. H. Bailie	..	5	2	6	353	30·7	22·19	165	111
D	Longformacus (Whitchester)	..	..	Mrs. Landale	..	5	1	0	838	...	25·02	179	120
5.—EAST COAST STREAMS. 80 sq. mi.													
D	ST. ABB'S HEAD Lighthouse	..	..	Com'rs of N. Lighthouses	..	5	1	0	245	...	13·77	137	89
d	Cockburnspath (Redheugh)	..	..	T. S. Dykes, Esq.	..	5	1	0	288	...	18·29	...	...
EAST LOTHIAN. (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)	..	..	Adam Robson, Esq.	..	5	1	0	532	32·8	20·26	...	...
	Garvald (Thorster Reservoir)	..	..	Adam Robson, Esq.	..	5	1	0	725	...	21·22	...	...
D	DUNBAR (Public Park)	..	..	Burgh Surveyor	..	5	1	0	75	...	14·15	143	81
4.—TYNE & C. 114 sq. mi.													
D	Lammermuir Hills (West Hopes)	..	..	Adam Robson, Esq.	..	5	1	0	736	34·4	25·21	163	123
	Lammermuir Hills (Stobshiel Res.)	..	..	Adam Robson, Esq.	..	5	1	0	927	...	24·14	...	...
w	Lammermuir Hills (Lammerloch Res.)	..	..	Adam Robson, Esq.	..	5	1	0	900	...	24·27	...	...
D	HADDINGTON (Neilson Park)	..	..	Burgh Surveyor	..	5	1	0	161	...	18·43	159	104
5.—FIRTH OF FORTH. 48 sq. mi.													
d	East Fortune Hospital	..	..	Clerk of Works	..	5	1	4	101	23·5	17·16	135	90
d	||North Berwick (Netherheugh)	..	..	Hector Macpherson, Esq.	..	5	0	9	120	...	17·29	...	...
D	North Berwick Reservoir	..	..	A. Robertson, Esq., C.E.	..	5	1	0	150	25·4	18·17	175	97
D	NORTH BERWICK (Gasworks)	..	..	Town Council	..	5	1	0	118	25·1	17·61	157	98
6.—INSULAR.													
M	Fidra Lighthouse	..	..	Com'rs of N. Lighthouses	..	5	2	0	40	21·0	14·13	...	...
MIDLOTHIAN. (Area, 369 sq. mi.)													
1.—TWEED. Gala. 68 sq. mi.													
D	Stow (Cragdale)	..	..	A. H. Fairgrieve, Esq.	..	5	0	6	642	33·0	27·60	184	125

|| Gauge over-sheltered.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
MIDLOTHIAN—(contd.)									
2.—TYNE. 28 sq. mi.									
D Ford (The Dowery House)	A. H. H. Ross, Esq. ..	5	1	0	420	...	18.33	178	101
3.—FIRTH OF FORTH. 3 sq. mi.									
4.—ESK. 116 sq. mi.									
M Moorfoot Hills (Bowbate)	Edinburgh Water Engineer	5	1	0	1260	...	28.58	...	...
D Moorfoot Hills (Rosebery)	Edinburgh Water Engineer	5	0	6	750	32.1	24.70	181	124
D PENICUIK	Dr. J. T. Baldwin	5	1	0	620	...	24.54	185	126
d Gorebridge	Hugh Arnott, Esq.	5	1	0	560	29.3	(19.09)	...	...
M Pentland Hills (Harehill)	Edinburgh Water Engineer	5	1	2	1297	...	24.26	...	...
D Pentland Hills (Martyr's Cross) ..	Edinburgh Water Engineer	5	1	0	750	35.5	23.58	205	133
D Pentland Hills (Loganlea)	Edinburgh Water Engineer	5	1	0	811	38.5	27.67	176	127
D Pentland Hills (Glencorse Filters) ..	Edinburgh Water Engineer	5	0	11	638	35.0	23.75	177	128
D Pentland Hills (Glen Cottage)	Edinburgh Water Engineer	5	1	3	739	35.2	25.33	178	129
D Milton Bridge (BUSH HOUSE)	Edinburgh School of Agric.	8	0	11	605	...	22.53	182	119
D Newbattle (Public School)	C. D. Walinck, Esq., M.A.	5	1	0	300	25.7	18.69	153	98
5.—ALMOND & C. 153 sq. mi.									
D Pentland Hills (Crosswood)	Edinburgh Water Engineer	5	0	10	950	39.5	30.30	187	132
D Pateshill Reservoir	T. Aitken, Esq.	5	1	3	900	...	24.85	179	128
D Pentland Hills (Harperrig) .. (+A)	Edinburgh Water Engineer	5	1	0	900	38.8	25.30	187	124
D Pentland Hills (Morton)	T. Aitken, Esq.	5	1	0	749	37.4	28.01	188	136
d West Calder (Addiewell)	Scottish Oils, Ltd.	5	1	0	620	35.7	26.00	164	126
D BALERNO (Cockburn Farm)	Dr. A. D. Buchanan-Smith	5	1	0	700	...	22.68	173	124
D Pentland Hills (Harlaw Reservoir) ..	Edinburgh Water Engineer	5	1	0	800	...	20.07	164	107
D Pentland Hills (Clubbiedean Reservoir)	Edinburgh Water Engineer	5	1	0	773	30.4	21.61	168	115
D MIDCALDER (Howden) (+A)	Soc. for Res. in Agric. Eng.	5	1	0	400	...	23.14	178	122
D Fairmilehead (Frogston Road)	J. Aitchison, Esq.	5	1	0	600	...	20.57	180	110
D Fairmilehead (Waterworks)	Edinburgh Water Engineer	5	1	0	590	30.8	20.75	164	107
D Liberton (Alnwick Hill) (+A)	Edinburgh Water Engineer	5	1	0	407	28.5	19.23	166	100
M Liberton (Hawkhead Grove)	G. M. Stuart, Esq., M.B.E.	5	1	0	400	...	20.37	...	...
D Colinton (Firhill Tank)	Edinburgh Water Engineer	5	0	10	412	29.0	20.18	178	111
D LIBERTON (College Farm)	Edin. & E. Scot. Coll. of Ag.	5	1	0	190	27.7	17.88	163	94
D Liberton (The Inch)	Superintendent of Parks ..	5	1	0	150	...	20.40	175	103
D Edinburgh (Old Dalkeith Road)	J. T. Jeffrey, Esq.	5	1	0	300	...	18.87	170	102
D Edinburgh (Craiglockhart)	I. C. Hedge, Esq.	5	1	0	295	...	20.62	174	106
D EDINBURGH (BLACKFORD HILL)	Astronomer Royal for Scot.	8	1	0	441	26.3	18.08	173	101
d Edinburgh (Fountainhall Road)	R. C. Macfarlane, Esq. ..	5	1	1	225	...	18.55	163	102
D Edinburgh (Portobello)	A. Hagopian, Esq.	5	1	0	100	...	17.89	159	99
d Edinburgh (Academy)	Head Science Master	5	1	0	70	25.9	16.26	...	...
D TURNHOUSE (Edinburgh Airport) (+A)	Meteorological Office	5	1	0	114	...	17.49	163	104
d Edinburgh (Astley Ainslie Institute) ..	Medical Superintendent ..	5	1	0	270	27.7	19.17	...	113
D EDINBURGH (ROYAL BOTANIC GDN.) ..	Prof. Sir W. Wright-Smith	5	1	0	74	26.5	16.53	150	95
D DAVIDSON'S MAINS (Easter Park)	J. W. Younger, Esq.	5	1	0	200	...	17.89	168	103
6.—CLYDE. Right Bank Tributaries. 1 sq. mi.									
WEST LOTHIAN. (Area, 120 sq. mi.)									
1.—ALMOND & C. 60 sq. mi.									
d West Calder (Westwood)	Scottish Oils Ltd.	5	1	0	480	...	25.13	...	...
M Uphall	No. 7 W. Lothian Hospital Board	8	1	4	646	...	25.65	...	...
M Uphall	No. 8 W. Lothian Hospital Board	8	1	4	577	32.7	24.40	...	...
d Uphall (Middleton Hall)	Scottish Oils Ltd.	8	1	0	350	31.4	21.32	...	...
D Dalmeny House	The Earl of Rosebery	5	0	6	20	25.9	18.43	144	107
d Uphall (Broxburn)	Scottish Oils Ltd.	8	1	0	262	...	21.73	...	...

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			Rim above	Ground	above Sea Level				
		in.	ft.	in.	ft.	in.	in.		
WEST LoTHIAN—(contd.)									
2.—FORTH. Right Bank Tributaries. 59 sq. mi.									
D Blackridge (Bedlormie)	D. Tennant, Esq.	5	1	0	650	...	32.10	211	142
D Armadale (Sewage Works)	Burgh Surveyor	5	1	0	417	...	25.69	185	130
D Bathgate (Northbank Filters) ..	J. Spalding, Esq.	5	0	9	640	33.2	25.31	176	127
D Torphichen (Lochcote)	Wm. Beattie, Esq.	5	0	9	550	33.5	24.43	204	132
D Uphall (Beecraigs)	T. Aitken, Esq.	5	1	0	477	...	27.34	187	131
M Carribber Reservoir	Wm. Beattie, Esq.	5	0	9	350	33.1	21.79	...	...
D Linlithgow (Preston House) ..	Head Gardener	5	1	0	380	32.6	26.72	199	130
D Linlithgow (Grange)	Col. H. M. Cadell	5	1	0	440	30.2	21.87	183	110

3.—CLYDE. Right Bank Tributaries. 1 sq. mi.

DIVISION XIV—SOUTH-WESTERN COUNTIES

LANARKSHIRE. (Area, 881 sq. mi.)

1.—TWEED. UPPER. Left Bank Tributaries. 20 sq. mi.

2.—ALMOND. 14 sq. mi.

3.—FORTH. Right Bank Tributaries. 9 sq. mi.

D Airdrie (Forrestburn Reservoir) ..	T. Aitken, Esq.	5	1	0	735	37.1	30.99	176	148
4.—CLYDE. Right Bank Tributaries. 378 sq. mi.									
M §Daer (Lamb Sike)	County Water Engineer ..	5	1	0	1310	...	61.80	...	...
D §Daer (Crookburn) new site ..	County Water Engineer ..	5	1	0	1163	...	60.97	217	165
M §Daer (Whiteburn)	County Water Engineer ..	5	1	0	1250	...	58.10	...	...
D §Daer (Sweetshaw Burn)	County Water Engineer ..	5	1	0	1152	...	52.74	201	149
D §Daer (Garls Craig)	County Water Engineer ..	5	1	0	985	...	55.34	196	146
M §Crawford (Camps Res.) Risingclaw ..	County Water Engineer ..	5	1	0	1610	56.0	44.55	...	...
M §Crawford (Camps Res.) Peat Rig ..	County Water Engineer ..	5	1	0	1485	53.4	43.30	...	...
M §Crawford (Camps Res.) Whitecamp ..	County Water Engineer ..	5	1	0	1155	50.2	38.05	...	...
D Crawford (Camps Reservoir) .. (+A)	County Water Engineer ..	5	0	10	969	44.0	32.57	189	136
M Crawford (Camps Res.) Kneesend ..	County Water Engineer ..	5	1	0	1205	47.0	37.50	...	...
M Crawford (Camps Res.) Hillshaw ..	County Water Engineer ..	5	1	0	1805	54.7	41.60	...	...
M §Crawford (Camps Res.) Linnburn ..	County Water Engineer ..	5	1	0	1210	48.8	40.75	...	...
W Coulter Reservoir	J. Bissett Scott, Esq., C.E. ..	5	1	0	1157	...	32.06	...	...
D Lamington (Cowgill Reservoir) ..	D. T. Brown, Esq., C.E. ..	5	1	0	1012	42.4	29.67	...	...
M Biggar (Huntfield)	Miss Dunlop	5	1	0	900	31.5	23.59	182	120
D Bonnington Weir	S. of Scotland Electricity Bd. ..	5	1	0	572	...	24.66	173	125
D Stonebyres Weir	S. of Scotland Electricity Bd. ..	5	1	0	306	...	21.98	161	118
D CARNWATH	S.F. Macdonald Lockhart, Esq. ..	5	1	1	706	...	23.17	187	125
D Carluke (Coldstream Reservoir) ..	J. Bissett Scott, Esq., C.E. ..	5	1	0	800	...	25.52	184	129
M Carluke	J. Barr, Esq.	5	0	7	630	...	23.09	...	...
W Carluke (Springfield Reservoir) ..	J. Bissett Scott, Esq., C.E. ..	5	1	0	860	39.5	27.43	...	...
D Carluke (Gair Reservoir)	J. Bissett Scott, Esq., C.E. ..	5	1	0	665	34.9	24.48	169	123
Wishaw (Coronation Street)	A. Hinshelwood, Esq.	5	1	3	510	...	24.91	...	...
D Motherwell (Elvan Street)	Mr. M. Dunn	5	0	10	175	...	25.01	198	119

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
			Rim above Ground	Ground above Sea Level					
		in.	ft.	in.	ft.	in.	in.		
LANARKSHIRE—(contd.)									
4.—CLYDE—(contd.)									
D Shotts Reservoir	County Water Engineer ..	5	1	0	812	...	29·68	183	133
D Glasgow (Tollcross Park)	G. H. Garside, Esq. ..	5	1	0	84	37·4	28·93	178	125
D Glasgow Green	G. H. Garside, Esq. ..	5	1	0	35	36·0	28·69	171	126
D Glasgow (Alexandra Park)	G. H. Garside, Esq. ..	5	1	0	141	36·0	28·74	183	127
D Glasgow (Botanic Gardens)	G. H. Garside, Esq. ..	5	1	0	131	34·7	30·69	173	135
D Glasgow (Kelvingrove Park)	G. H. Garside, Esq. ..	5	1	0	48	36·1	29·56	174	133
D Glasgow (Victoria Park)	G. H. Garside, Esq. ..	5	1	0	30	36·1	29·76	193	126
D Glasgow (Ruchill Park)	G. H. Garside, Esq. ..	5	1	0	228	36·0	30·76	186	132
D GLASGOW (SPRINGBURN PARK)	G. H. Garside, Esq. ..	5	0	6	351	36·9	31·67	199	134
M Clarkston (Roughrigg Reservoir)	D. T. Brown, Esq., C.E. ..	5	1	0	664	35·8	27·87	...	...
D Coatbridge (West End Park)	S. Lauder, Esq. ..	5	1	0	240	...	26·14	209	122
d COATBRIDGE	Sewage Works Manager ..	5	1	0	256	...	24·89	...	116
D Coatbridge (Whifflet Public Park)	S. Lauder, Esq. ..	5	1	0	295	...	25·90	188	123
D Coatbridge (Dunbeth Public Park)	S. Lauder, Esq. ..	5	1	0	325	...	26·97	195	131
D Airdrie (Broomknoll Street) .. (+A)	D. T. Brown, Esq., C.E. ..	5	1	0	402	35·0	27·79	187	132
D Gartcosh (Gartloch Hospital)	Mr. Donald McMillan ..	5	1	0	291	36·6	29·18	178	129
D Bishopbriggs (Springfield Nursery)	Mr. W. A. Henderson ..	5	1	0	300	...	31·14	172	128
5.—CLYDE. Left Bank Tributaries. 448 sq. mi.									
M §Daer (Lower Carsehope)	County Water Engineer ..	5	1	0	1180	...	59·65	...	...
D §Daer (Kirkhope) <i>new gauge</i>	County Water Engineer ..	5	1	0	1170	...	59·90	203	170
M §Daer (Kirkhope Cleuch)	County Water Engineer ..	5	1	0	1350	...	62·50	...	...
M §Daer (Hitteril)	County Water Engineer ..	5	1	0	950	...	50·25	...	...
M Elvanfoot (Potrenick Burn)	J. Bissett Scott, Esq., C.E. ..	5	1	0	1004	61·5	53·56	...	...
D Elvanfoot (Peden Reservoir)	J. Bissett Scott, Esq., C.E. ..	5	1	0	964	65·1	48·78	202	136
D LEADHILLS (Muirhouse)	D. Grant, Esq. ..	5	1	0	1270	...	49·50	197	139
D Douglas (Monksfoot)	Miss J. Steele ..	5	1	0	780	...	38·71	192	150
D Strathaven (GLENGAVEL Reservoir)	County Water Engineer ..	5	1	0	839	47·9	42·57	210	156
D Strathaven (Dunside Reservoir)	County Water Engineer ..	5	1	0	1002	46·3	38·14	186	138
D Strathaven (Kype Reservoir)	Water Engineer, Hamilton ..	5	1	0	941	46·6	40·89	186	152
D Stonehouse (Glassford Filters)	County Water Engineer ..	5	0	9	775	39·8	35·06	179	135
D Hamilton W.W. (Townhill)	Water Engineer, Hamilton ..	5	1	0	430	35·6	29·14	179	123
D Hamilton (Cameron Crescent)	W. Frame, Esq. ..	5	1	0	225	...	28·92	163	118
D THORNTONHALL (+A)	Building Research Lab. ..	5	1	0	453	...	34·93	180	126
W Carmunnock (Waterworks)	G. Sime, Esq. ..	5	1	6	540	...	29·64	...	...
D Bothwell (Sewage Works) (+A)	Sewage Works Manager ..	5	1	0	112	...	23·43	149	115
D Cambuslang (Greenlees Filters)	County Water Engineer ..	5	1	0	322	36·3	26·69	167	125
D Glasgow (Rutherglen)	F. C. Thomson, Esq. ..	5	1	0	100	...	32·74	201	129
D Glasgow (Queen's Park)	G. H. Garside, Esq. ..	5	0	9	147	36·1	29·98	195	127
D Glasgow (Maxwell Park)	G. H. Garside, Esq. ..	5	1	0	69	35·7	29·27	182	123
D Glasgow (Bellahouston Park)	G. H. Garside, Esq. ..	5	1	0	80	34·6	32·66	177	128
D Glasgow (Elder Park)	G. H. Garside, Esq. ..	5	1	0	25	37·0	32·00	187	133
6.—IRVINE. 2 sq. mi.									
7.—AYR. 1 sq. mi.									
8.—NITH. 2 sq. mi.									
9.—ANNAN. 7 sq. mi.									

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
AYRSHIRE. (Area, 1,135 sq. mi.)									
1.—CLYDE. Left Bank Tributaries. 7 sq. mi.									
2.—FIRTH OF CLYDE. 60 sq. mi.									
D §Ardrossan (Mill Glen Filters) ..	H. R. Seaton, Esq. ..	5	1	0	167	...	36.52	177	141
D Stevenston (Greenhead Filters) ..	W. G. Guild, Esq. ..	5	1	0	186	41.6	34.21	172	131
W Ardrossan (Busbie Reservoir) ..	H. R. Seaton, Esq. ..	5	1	0	370	44.0	39.35	...	...
M West Kilbride (Crosbie Reservoir) ..	T. W. Leslie, Esq. ..	5	1	0	400	...	36.82	...	...
M Fairlie (Waterworks) ..	T. W. Leslie, Esq. ..	5	1	0	270	...	42.68	...	...
D Largs (Stevenston Institute) ..	G. Arkieson, Esq. ..	5	1	0	20	...	42.21	176	139
D LARGS (WOODBANK) ..	A. Simpson, Esq. ..	5	1	0	25	...	40.41	178	141
D Largs (South Routenburn) ..	A. K. Gordon, Esq. ..	5	1	0	150	...	37.63	186	143
D Largs (Middleton Filters) ..	G. Arkieson, Esq. ..	5	1	0	230	52.0	42.89	187	147
M Greenock W.W. (Knockencorsan) ..	Corporation ..	5	1	0	940	...	63.40	...	...
3.—IRVINE & C. 296 sq. mi.									
D PRESTWICK ..	Burgh Surveyor ..	5	1	0	17	31.0	26.29	158	116
D PRESTWICK AIRPORT ..	(+A) Meteorological Office ..	5	1	0	30	33.6	26.84	167	118
D Prestwick (Ladykirk Filters) ..	Burgh Surveyor ..	5	1	0	185	...	27.95	170	127
D Symington ..	J. Glass, Esq. ..	5	0	11	300	...	31.12	184	129
D Troon (Collenan Reservoir) ..	Burgh Surveyor ..	5	1	0	203	...	27.02	154	119
D Irvine (Gables) ..	A. Forrest, Esq. ..	5	1	0	12	35.9	29.76	161	122
D Newmilns (Lanfine) ..	W. Logan, Esq. ..	5	1	6	500	43.4	39.10	176	153
D Templetonburn ..	F. C. Howie, Esq. ..	5	1	0	140	...	34.35	176	139
D Darvel (Kirkland Park) ..	Burgh Surveyor ..	5	1	0	347	...	35.59	178	144
D KILMARNOCK (Springhill House) ..	W. N. McCall, Esq. ..	5	0	11	115	37.3	32.17	168	133
D Irvine (Cunninghame Home) ..	Governor ..	5	1	0	24	...	33.78	153	126
D Kilmarnock (North Craig Reservoir) ..	W. N. McCall, Esq. ..	5	1	0	319	41.2	37.86	182	143
d Montgreenan Gardens ..	Capt. C. B. G. Coltart ..	5	0	9	180	...	38.90	...	149
M Fenwick (Whiteleehill) ..	W. N. McCall, Esq. ..	5	1	0	915	48.6	41.41	...	...
D Fenwick (Hareshaw Lodge) ..	J. F. Borland, Esq. ..	5	1	0	600	48.5	35.70	167	148
M Croilburn ..	W. N. McCall, Esq. ..	5	1	0	725	...	41.77	...	...
D Fenwick (Amlaird Filters) ..	W. N. McCall, Esq. ..	5	1	0	590	43.3	37.74	197	145
Craigendunton Reservoir ..	W. N. McCall, Esq. ..	5	1	0	805	48.9	44.56	...	...
Loch Goin Reservoir ..	W. N. McCall, Esq. ..	5	1	0	865	49.4	47.71	...	...
D Blair Gardens ..	W. N. McCall, Esq. ..	5	1	6	155	...	44.64	216	156
M Raithill ..	W. N. McCall, Esq. ..	5	1	0	640	...	39.08	...	...
Moor Farm ..	W. N. McCall, Esq. ..	5	1	0	810	50.2	38.73	...	...
D Stewarton Filters ..	C. McL. Bodie, Esq. ..	5	1	6	515	46.1	40.43	189	142
D Dalry (Munnoch Reservoir) ..	W. G. Guild, Esq. ..	5	1	0	325	47.9	43.94	191	147
D Dalry (Caaf Reservoir) ..	W. G. Guild, Esq. ..	5	1	3	515	53.2	50.92	198	158
D Dalry (Birkheadsteel) ..	W. G. Guild, Esq. ..	5	1	3	520	54.3	51.27	198	161
D Dalry (Filters) ..	T. W. Leslie, Esq. ..	5	1	0	320	46.5	36.30	171	127
M Dalry (Thirdpart) ..	T. W. Leslie, Esq. ..	5	1	0	560	52.0	41.66	...	...
M §Dalry (Drum Burn) ..	W. G. Guild, Esq. ..	5	0	11	744	...	46.30	...	...
M Dalry (South Knockendon) ..	W. G. Guild, Esq. ..	5	1	1	704	52.1	49.40	...	...
D Dalry (Knockendon) ..	W. G. Guild, Esq. ..	5	1	0	750	53.4	51.80	...	...
M Dalry (South Bradshaw) ..	W. G. Guild, Esq. ..	5	1	1	946	...	49.05	...	...
M Dalry (Bradshaw) ..	W. G. Guild, Esq. ..	5	1	0	1050	...	49.30	...	...
M Dalry (Haining) ..	J. A. McGregor, Esq., C.E. ..	5	1	0	895	59.7	52.41	...	...
D Dalry (Camphill Reservoir) ..	(+A) J. A. McGregor, Esq., C.E. ..	5	1	0	611	61.2	57.62	...	...
M Dalry (Catburn) ..	J. A. McGregor, Esq., C.E. ..	5	1	0	1013	63.9	58.96	...	...
M Dalry (Whitehill) ..	J. A. McGregor, Esq., C.E. ..	5	1	0	628	61.8	60.81	...	...
M Dalry (Blairpark) ..	J. A. McGregor, Esq., C.E. ..	5	1	0	722	61.3	54.45	...	...
M Dalry (Rye Water) ..	J. A. McGregor, Esq., C.E. ..	5	1	0	1032	...	57.66	...	...
D Beith (Filter Station) ..	T. W. Leslie, Esq. ..	5	1	0	412	53.7	45.69	193	149
D Kilbirnie (Holehouse Filters) ..	T. W. Leslie, Esq. ..	5	0	10	377	63.4	56.84	215	169
M Kilbirnie (Pundeavon Reservoir 2) ..	T. W. Leslie, Esq. ..	5	1	0	904	...	62.53	...	...

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		above		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
AYRSHIRE—(contd.)									
4.—AYR. 222 sq. mi.									
D Ayr (Cemetery)	Thomas O'Beirne, Esq., C.E.	5	1	0	40	34·8	27·15	162	124
D Ayr (Airthrey)	National Coal Board ..	5	1	0	40	...	30·19	166	132
D AUCHINCRAIVE	W. Scotland Agricultural Coll.	8	1	0	147	39·0	28·61	175	133
d Muirkirk (Kaimshill)	National Coal Board ..	5	1	6	750	47·8	35·51	190	141
D Mauchline (Auchenfail)	Miss M. T. Stephen ..	5	1	0	380	...	31·64	209	149
D Mauchline (Barskimming Gardens)	R. D. Allan, Esq. ..	5	1	0	200	...	35·89	248	151
D Mauchline (Hillhead Tank)	T. W. Leslie, Esq. ..	5	1	0	564	42·8	34·16	182	143
Sorn (Blackside Water Tank)	T. W. Leslie, Esq. ..	5	1	0	840	47·9	(32·76)	...	...
5.—DOON. 119 sq. mi.									
M Loch Recawr	Thomas O'Beirne, Esq., C.E.	5	1	0	933	...	58·10	...	...
W Loch Finlas	Thomas O'Beirne, Esq., C.E.	5	1	0	849	55·1	42·09	...	...
D Loch Doon (Garpel Burn)	S. of Scotland Electricity Bd.	5	1	0	710	...	49·28	194	153
W Loch Doon (Starr)	S. of Scotland Electricity Bd.	5	1	0	665	...	51·55	...	...
D Dalmellington (Mosssdale Filters)	T. W. Leslie, Esq. ..	5	1	0	752	48·6	43·05	218	150
d Dunaskin (Ardoon)	National Coal Board ..	5	1	0	686	47·8	37·97	...	154
D Patna (Kerse Filters)	T. W. Leslie, Esq. ..	5	1	0	741	...	40·38	235	155
D Maybole (Otterden) o.g.	D. Cross, Esq. ..	5	1	0	314	43·2	34·29	186	138
D Maybole (Otterden) n.g.	D. Cross, Esq. ..	5	1	0	350	...	33·72	187	136
Dalrymple (Knockjarder W.W.)	Thomas O'Beirne, Esq., C.E.	5	1	0	287	42·6	31·52	...	...
D Ayr (Doonholm)	Col. N. Kennedy, C.B.E., D.S.O., D.L. ..	5	1	0	90	38·8	33·40	178	138
D Alloway (Doonside)	Col. F. C. Dunlop ..	5	1	2	200	...	36·16	180	148
6.—CULZEAN BAY & C. 32 sq. mi.									
D TURNBERRY	Hotels Executive ..	5	1	0	25	...	31·15	154	121
7.—GIRVAN. 105 sq. mi.									
D Girvan (Penwhapple Reservoir) ..	Burgh Surveyor ..	5	1	0	662	...	40·12	196	145
W Loch Bradan	Burgh Surveyor, Troon ..	5	0	10	990	57·6	45·08	...	...
8.—STINCHAR & C. 155 sq. mi.									
D Ballantrae	D. J. W. Gray, Esq., M.B.E.	5	1	0	15	...	34·81	200	142
D COLMONELL (Knockdolian)	Maj.-Gen. D. McConnell ..	5	1	0	170	44·8	32·90	171	143
9.—LOCH RYAN. 12 sq. mi.									
10.—LUCE BAY. 15 sq. mi.									
Ballantrae (Lagafater Lodge)	Miss Boulton ..	5	0	11	792	64·8	48·57	...	...
11.—CREE. 40 sq. mi.									
12.—DEE. 9 sq. mi.									
13.—NITH. 62 sq. mi.									
M Afton Reservoir (Afton Water) ..	T. W. Leslie, Esq. ..	5	1	0	1525	78·8	70·52	...	...
M Afton Reservoir (Alwhart Burn) ..	T. W. Leslie, Esq. ..	5	1	0	1435	79·9	66·61	...	...
M Afton Reservoir (Montraw Burn) ..	T. W. Leslie, Esq. ..	5	1	0	1554	77·6	71·22	...	...
M Afton Reservoir (Montraw)	T. W. Leslie, Esq. ..	5	1	0	1372	75·7	66·52	...	...
M Afton Reservoir (Green Burn) ..	T. W. Leslie, Esq. ..	5	1	0	1415	84·6	73·75	...	...
D Afton Reservoir (Filters)	T. W. Leslie, Esq. ..	5	1	0	1366	...	62·62	199	159
D Glen Afton (Ayr Sanatorium)	Physician-in-Charge ..	5	1	0	833	53·2	45·21	192	149
D New Cumnock (Bank Colliery)	National Coal Board ..	5	1	0	41	55·8	40·50	196	150
14.—INSULAR. 1 sq. mi.									

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
RENFREWSHIRE. (Area, 241 sq. mi.)									
1.—CLYDE. Right Bank Tributaries. 3 sq. mi.									
2.—CLYDE. Left Bank Tributaries. 194 sq. mi.									
M Eaglesham (Dunwan Reservoir) No. 3	Geo. Sime, Esq.	5	1	0	822	50.5	44.59	...	...
M Eaglesham (Dunwan Reservoir) No. 4	Geo. Sime, Esq.	5	1	0	841	50.6	44.24	...	...
W Eaglesham (Picketlaw Reservoir) No. 1	Geo. Sime, Esq.	5	1	0	690	...	43.94	...	...
D Gorbals Dist. W.W. (Waulk Glen)	S. D. Canvin, Esq., C.E. ..	8	1	0	280	47.2	39.88	169	134
Paisley W.W. (Muirhead)	J. A. McGregor, Esq., C.E.	5	1	0	482	53.9	44.60	...	...
M Neilston (Filters)	County Engineer	5	1	0	561	...	45.37	...	...
Paisley W.W. (Springside)	J. A. McGregor, Esq., C.E.	5	1	0	532	54.4	45.75	...	...
Paisley W.W. (Stanely)	J. A. McGregor, Esq., C.E.	5	1	0	190	47.3	38.97	...	...
D Barrhead (Sewage Works)	Burgh Surveyor	5	1	0	100	...	34.45	169	125
D Howwood (Tor Bracken)	A. D. McNab, Esq.	5	1	3	360	54.7	46.12	187	145
D Pollokshaws (Rouken Glen Park)	G. H. Garside, Esq.	5	1	0	155	43.2	33.56	170	123
D Glasgow (Linn Park)	G. H. Garside, Esq.	5	1	0	164	...	30.81	168	126
D Pollokshaws (Pollok House) ..	Sir John Stirling-Maxwell, Bt.	5	1	0	50	36.5	29.57	171	118
D Lochwinnoch (Sewage Works)	County Engineer	5	1	0	95	...	48.81	179	144
D Lochwinnoch (Kaim Dam)	J. H. Murray, Esq., C.E. ..	8	1	0	616	72.7	61.30	192	153
D Kilbarchan (Glentyan)	D. C. Leggat, Esq.	5	1	0	300	52.6	47.66	172	140
D Calder Water (Muirshiel Mill)	(+A) County Engineer	5	1	0	782	...	66.09	213	163
§Calder Water (Queenside Loch)	County Engineer	5	1	0	1260	...	(75.90)	...	...
M Upper Calder	County Engineer	5	1	0	1337	...	(74.37)	...	...
D Calder Water (Barytes Mine) ..	County Engineer	5	1	0	1008	...	72.34	212	169
D Bridge of Weir (Ranfurly)	Rev. E. T. Vernon	5	1	0	290	...	46.43	175	142
M Calder Dam	County Engineer	5	1	0	918	...	(75.26)	...	...
D Paisley (Thornly Park School)	W. K. Wallace Lees, Esq., O.B.E.	5	1	0	195	...	38.99	164	130
D PAISLEY (Coats Observatory) ..	Obs. Com. (J. Woodrow) ..	8	1	0	106	40.7	33.84	171	119
M §Greenock W.W. (Duchal Moor)	Corporation	5	1	0	1150	75.0	66.40	...	...
M Greenock W.W. (Green Water)	Corporation	5	1	0	788	...	59.50	...	...
D RENFREW (Glasgow Airport) ..	(+A) Meteorological Office ..	8	1	0	30	37.0	29.61	170	126
D Kilmacollm (Waterworks)	James Grier, Esq.	5	1	0	600	67.0	51.85	201	160
D Kilmacollm Village	James Grier, Esq.	5	1	0	300	51.7	47.98	201	148
D Greenock W.W. (Gryfe Reservoir)	Corporation	5	1	0	640	64.0	54.15	196	148
D Greenock W.W. (Mansfield)	Corporation	5	1	0	573	...	51.40	196	147
M Greenock W.W. (Darndaff Moor)	Corporation	5	1	0	850	64.5	58.60	...	...
W Greenock W.W. (Kelly Dam)	Corporation	5	1	0	640	63.6	60.60	...	...
3.—FIRTH OF CLYDE. 34 sq. mi.									
Inverkip (Daff Burn Reservoir) ..	Burgh Surveyor	8	1	0	506	58.4	52.40	...	...
D Douliehill Filters (Pt. Glas. W.W.)	I. M. MacLean, Esq., C.E. ..	8	1	6	550	53.4	41.61	182	134
D Parkhill Filters (Port Glasgow W.W.)	I. M. MacLean, Esq., C.E. ..	8	1	6	275	48.1	38.85	185	131
D §Greenock W.W. (Compensation Res.)	Corporation	5	1	0	600	...	57.51	211	161
D Greenock W.W. (Loch Thom)	Corporation	5	1	0	643	65.4	58.02	205	157
D Greenock W.W. (New Yett's Dam)	Corporation	5	1	0	800	63.2	56.54	201	153
W Greenock W.W. (Spango Burn) ..	Corporation	5	1	0	757	62.6	57.80	...	...
D Greenock W.W. (Hole Glen)	Corporation	5	1	0	603	61.6	55.88	199	152
D GREENOCK (Prospect Hill) ..	(+A) Corporation	5	1	0	199	58.2	46.82	201	149
D Gourrock (Coves Reservoir)	Burgh Surveyor	5	1	0	350	...	46.56	186	151
4.—IRVINE. 10 sq. mi.									

DIVISION XV—WEST MIDLAND COUNTIES

DUNBARTONSHIRE. (Area, 270 sq. mi.)

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

2.—FIRTH OF CLYDE & COWAL. 52 sq. mi.

D HELENSBURGH (Valve House)	Burgh Engineer	8	1	0	293	53.0	43.33	186	154
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§ Turf wall round gauge.

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
			in.	ft.	in.	ft.	in.	in.		
DUNBARTONSHIRE—(contd.)										
2.—FIRTH OF CLYDE & COWAL—(contd.)										
	Garelochhead (Whistlefield Filters)	Malcolm Ross, Esq.	5	1	0	295	...	48.99	...	...
D	Garelochhead (Arddarroch Gardens)	Mr. D. Macpherson	5	1	0	100	74.8	62.75	197	169
3.—CLYDE. Leven. 149 sq. mi.										
d	Dumbarton (Sewage Works)	W. Wilson, Esq., C.E.	5	1	0	11	...	37.76	...	...
D	Renton (Carman Filters)	Malcolm Ross, Esq.	5	1	0	292	46.8	37.95	179	149
D	Loch Lomond Park	G. H. Garside, Esq.	5	1	0	156	50.2	51.60	200	185
	Helensburgh (Blairnairn No. 1)	Burgh Engineer	8	1	0	575	69.7	61.50	...	...
	Helensburgh (Blairnairn No. 2)	Burgh Engineer	5	1	0	1250	...	61.68	...	...
	Helensburgh (Blairnairn No. 3)	Burgh Engineer	5	1	0	1580	...	62.63	...	...
	Glen Finlas Reservoir	No. 1 Malcolm Ross, Esq.	5	1	0	782	75.1	61.79	...	...
	Glen Fruin (Auchingaich Res.) S.	Malcolm Ross, Esq.	5	1	0	800	73.4	56.04	...	...
	Glen Fruin (Auchingaich Res.) N.	Malcolm Ross, Esq.	5	1	0	800	72.2	57.62	...	...
D	Glen Finlas Reservoir	No. 2 Malcolm Ross, Esq.	5	1	0	810	83.7	69.22	187	156
M	Loch Sloy (Coiregrogain)	N. of S. Hydro-Electric Bd.	5	1	0	449	...	87.93	...	...
D	Loch Sloy (Sloy Power Station) (+A)	N. of S. Hydro-Electric Bd.	5	1	0	40	...	80.12	201	182
D	Loch Sloy (Sloy Dam)	N. of S. Hydro-Electric Bd.	5	1	0	966	...	92.42	195	185
M	Ardvorlich	N. of S. Hydro-Electric Bd.	5	1	0	1123	...	94.02	...	...
	Allt a Chnoic	N. of S. Hydro-Electric Bd.	5	1	0	1349	...	100.82	...	...
4.—CLYDE. Right Bank Tributaries. 59 sq. mi.										
	Bowling Filters	Malcolm Ross, Esq.	5	1	0	230	...	34.41	...	...
D	Duntocher (Cochno Filters)	J. E. McWilliam, Esq.	5	1	0	400	44.2	36.18	185	137
w	Kilpatrick Hills (Greenside Res.)	J. E. McWilliam, Esq.	5	1	0	876	51.8	42.41	...	...
w	Kilpatrick Hills (Loch Cochno)	J. E. McWilliam, Esq.	5	1	0	909	52.8	45.47	...	...
w	Kilpatrick Hills (Jaw Reservoir)	J. E. McWilliam, Esq.	5	1	0	912	53.9	43.87	...	...
STIRLINGSHIRE. (Area, 463 sq. mi.)										
1.—FORTH. Right Bank Tributaries. 263 sq. mi.										
d	Shieldhill (Gardrum Moss)	Department of Agriculture	5	1	0	660	...	30.78	197	132
d	Falkirk (Inglewood, Laurieston)	Miss H. S. D. Ballantine	5	1	0	133	34.8	26.00	155	128
D	FALKIRK (Arnotdale)	(+A) W. Gibson, Esq.	5	1	0	105	33.7	27.87	163	118
	Falkirk (Kerse)	Robert Johnston, Esq., C.E.	8	1	0	18	31.9	25.95	...	...
d	Grangemouth (Burgh Depot)	J. C. Wallace, Esq., C.E.	5	1	0	15	30.9	24.22	...	...
	Little Denny Reservoir	Stirling & Falkirk W. Board	8	1	0	325	42.8	36.74	...	...
	Little Denny Filters	Stirling & Falkirk W. Board	8	1	0	243	42.4	36.38	...	...
	Kilsyth (Faughlin Reservoir)	Stirling & Falkirk W. Board	8	1	0	707	54.4	45.11	...	...
D	Kilsyth (Craigannet)	Stirling & Falkirk W. Board	8	0	6	740	53.6	49.00	203	150
	Fintry (Waterhead)	Stirling & Falkirk W. Board	8	1	0	850	61.3	52.23	...	...
§	Kilsyth (Kirkburn)	Stirling & Falkirk W. Board	8	1	0	743	50.9	47.19	...	...
	Denny (Buckieburn Reservoir)	Stirling & Falkirk W. Board	8	1	0	824	54.3	46.99	...	...
	Denny (Buckieburn Filters)	Stirling & Falkirk W. Board	8	1	0	760	53.8	47.98	...	...
	Earlsburn Reservoir	Stirling & Falkirk W. Board	8	1	0	1202	56.8	44.50	...	...
D	Stirling (North Third Reservoir) No. 1	J. C. Wallace, Esq., C.E.	8	0	10	574	49.4	43.27	207	151
M	Stirling (North Third Reservoir) No. 2	J. C. Wallace, Esq., C.E.	5	1	0	825	...	38.76	...	...
M	Stirling (North Third Reservoir) No. 3	J. C. Wallace, Esq., C.E.	5	1	0	1014	...	39.28	...	...
D	Stirling (Touch Reservoir)	No. 3 J. H. Leishman, Esq.	8	1	0	759	49.1	36.24	190	147
D	Stirling (Touch Reservoir)	No. 2 J. H. Leishman, Esq.	8	1	0	707	47.9	34.29	189	137
D	Stirling (Touch Reservoir)	No. 1 J. H. Leishman, Esq.	8	1	0	455	47.6	38.22	190	148
d	Polmaise Castle Gardens	Mr. A. Copeland	5	1	0	220	...	34.21	174	124
D	Kippen (Gribloch Gardens)	Head Gardener	5	1	0	530	...	40.75	203	170
d	STIRLING (Sauchie House)	Town Council	5	1	0	151	35.9	28.05	180	116
d	Meiklewood	Mr. W. Donaldson	5	1	0	39	...	28.89	...	...
M	Duchray Valley (Ben Lomond)	S. D. Canvin, Esq., C.E.	8	1	3	1500	89.2	70.85	...	...
M	Duchray Valley (Glen Dhu)	S. D. Canvin, Esq., C.E.	8	1	3	500	81.8	56.90	...	...
M	Duchray Valley (Comer)	S. D. Canvin, Esq., C.E.	8	1	3	600	86.5	55.68	...	...

§ Turf wall round gauge.

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
STIRLINGSHIRE—(contd.)									
1.—FORTH—(contd.)									
M Duchray Valley (Achaids Burn) ..	S. D. Canvin, Esq., C.E. ..	8	1	3	1200	94.4	66.50	...	...
M Duchray Valley (Hd. of Main Stream)	S. D. Canvin, Esq., C.E. ..	8	1	3	950	88.8	69.05	...	...
2.—FORTH. Teith. 5 sq. mi.									
D Stronachlachar (Invergyle) ..	S. D. Canvin, Esq., C.E. ..	8	1	6	376	83.2	62.18	199	146
3.—FORTH. Left Bank Tributaries. 15 sq. mi.									
D Bridge of Allan (Park Cottage) ..	Mr. J. Buchanan ..	5	1	0	45	...	26.87	191	120
4.—CLYDE. Leven. 128 sq. mi.									
M Kilpatrick Hills (Burncrooks Res.) ..	J. E. McWilliam, Esq. ..	5	1	0	835	51.9	38.69	...	...
D Strathblane (Blanefield) ..	S. D. Canvin, Esq., C.E. ..	5	0	7	250	50.6	45.60	179	150
d Fintry (Police Station) ..	S. Armstrong, Esq. ..	5	1	0	300	...	46.70	178	136
D Balfron (Old Ballikrain) ..	A. R. Cross, Esq. ..	5	1	0	214	...	39.44	204	146
Endrick Weir ..	Stirling & Falkirk W. Board	8	1	0	780	...	44.28	...	...
Loch Arklet (Corriehichon) ..	S. D. Canvin, Esq., C.E. ..	8	1	6	870	82.6	69.90	...	...
Loch Arklet (Corriearklet) ..	S. D. Canvin, Esq., C.E. ..	8	1	0	950	85.2	69.90	...	...
5.—CLYDE. Right Bank Tributaries. 52 sq. mi.									
D Strathblane (Mugdock Reservoir) ..	S. D. Canvin, Esq., C.E. ..	5	0	6	320	47.4	38.69	199	150
d Kilsyth (Sewage Works) ..	J. Milne, Esq. ..	5	1	0	135	44.9	37.54	201	148
D Lennoxton ..	J. O. Stewart, Esq. ..	5	0	8	320	...	44.29	194	148
BUTESHIRE. (Area, 218 sq. mi.)									
1.—ISLE OF BUTE. 50 sq. mi.									
D Rothesay (Dhu Loch Waterworks) ..	A. Stephen, Esq. ..	5	1	6	273	...	45.12	195	153
D ROTHESAY (Ardencraig) ..	Mr. J. McDermott ..	5	1	0	200	49.0	43.52	179	153
2.—CUMBRAES. 4 sq. mi.									
D MILLPORT (Marine Biological Station)	Director ..	5	1	0	16	40.1	40.48	194	146
3.—ARRAN. 164 sq. mi.									
D Dougarie Lodge ..	Lady Mary Boscawen ..	5	1	0	50	46.0	43.61	181	151
ARGYLLSHIRE. (Area, 3,181 sq. mi.)									
1.—TAY. Tummel. 36 sq. mi.									
2.—SOUND OF ARISAIG, SOUND OF MULL & C. 317 sq. mi.									
D Ardnamurchan Lighthouse ..	(+A) Com'rs. of N. Lighthouses	5	1	0	79	...	40.00	198	152
D Morvern (Drimnin) ..	Miss A. Horsman ..	5	1	0	225	62.4	52.48	199	172
D Loch Shiel (Pollock House) ..	Forestry Commission	5	1	6	17	95.8	70.10	213	178
3.—LOCH LINNHE. Right Bank Tributaries. 139 sq. mi.									
D Morvern (Kingairloch) ..	Mr. Ewen J. MacDonald ..	5	1	0	40	98.4	79.04	195	169
D Ardour (Inversanda) ..	Mrs. N. Irvine ..	5	1	0	25	...	82.64	198	177
Corran Lighthouse ..	Com'rs. of N. Lighthouses	5	1	0	13	81.0	57.94	206	158
D Ardour House ..	Miss Maclean of Ardour ..	5	0	10	60	97.6	72.83	219	187
D Conaglen ..	M. H. Mason, Esq. ..	5	0	4	50	...	74.93	215	177
4.—LOCH LINNHE. Left Bank Tributaries. 165 sq. mi.									
d Barcaldine ..	Forestry Commission ..	5	1	0	50	65.9	49.27	182	152
D Loch Creran (Rhugarbh) ..	Miss Chisholm of Chisholm	5	1	0	20	...	50.55	210	153
D Duror (Achadh Nan Sgiath) ..	G. H. Malcolm, Esq. ..	5	1	0	40	...	53.68	195	161
Glenduror Forest ..	Forestry Commission ..	5	1	0	950	...	(83.90)	...	...
Glenleven (Blackwater House) ..	British Aluminium Co. Ltd.	8	1	0	1069	80.8	75.87	...	...
D Glenleven (Blackwater Dam, S.) ..	British Aluminium Co. Ltd.	8	1	0	1100	84.0	69.42	243	183
D Glenleven (Kinlochleven) ..	British Aluminium Co. Ltd.	8	1	0	140	86.4	75.78	224	190

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
ARGYLLSHIRE—(contd.)									
5.—LOCH ETIVE. 197 sq. mi.									
D Connel (Alltnacree)	Miss C. R. Falwasser ..	5	1	0	10	...	44.44	201	156
d Glen Etive (Dalness)	Capt. F. Bell	5	1	6	240	...	95.94	209	189
6.—LOCH ETIVE. Loch Awe. 319 sq. mi.									
D Loch Awe (Inverinan)	W. D. Rattray, Esq. ..	5	1	0	150	...	68.69	184	167
D Dalmally (Craig)	Capt. R. A. Oldham ..	5	1	0	200	...	67.62	188	172
7.—FIRTH OF LORNE. 112 sq. mi.									
D Kilmelfort (Kilchoan)	Miss D. M. Henderson ..	5	1	0	30	58.6	54.50	251	159
d Kilmelfort (Tralaig, Blaran) ..	N. of S. Hydro-Electric Bd.	5	1	0	524	...	70.66	...	...
w Oban (Gleann-a-Bhearraidh Reservoir)	Burgh Surveyor	8	1	6	400	57.2	46.02	...	...
D OBAN	Burgh Surveyor	8	1	1	229	...	49.64	192	153
8.—SOUND OF JURA. 163 sq. mi.									
D Lochgilphead (Poltalloch) ..	Colonel G. I. Malcolm ..	5	0	9	120	52.7	45.25	156	142
9.—KINTYRE, WEST. 146 sq. mi.									
|| Mull of Kintyre	Com'rs. of N. Lighthouses ..	5	1	0	270	40.9	36.75	122	115
D Largie Castle	Mrs. Moreton Macdonald ..	5	1	1	80	46.3	42.70	168	151
D West Loch Tarbert (Ardpatrick) ..	W. B. K. Kenneil, Esq. ..	5	0	10	25	...	35.77	188	150
w West Loch Tarbert (Dunmore) ..	Capt. J. V. Taylor	5	1	4	100	...	45.04	...	...
10.—KINTYRE, EAST. 177 sq. mi.									
d Campbeltown	D. M. Kellock, Esq., C.E. ..	5	1	0	20	...	46.95	178	135
w Glen Lussa (Corrylach)	N. of S. Hydro-Electric Bd.	5	1	0	442	...	48.19	...	...
M Glen Lussa (Bordadubh)	N. of S. Hydro-Electric Bd.	5	1	0	570	...	59.00	...	...
D Carradale (Torrisdale Castle) ..	Mrs. John Campbell ..	5	1	0	84	65.5	57.12	192	167
D Carradale (Saddell Manse)	Mrs. M. F. Argyll Baker ..	5	1	6	25	62.6	58.21	229	162
D Monybacach (Skipness)	W. McLaren, Esq.	5	1	1	80	...	43.88	175	147
11.—LOCH FYNE. 246 sq. mi.									
D Ardlamont (Camp Cottage)	J. W. Turnbull, Esq. ..	5	1	0	110	...	38.73	188	133
D Ardrishaig (Stronachullin)	Jas. E. Scott, Esq.	5	1	0	50	...	65.55	170	164
D Ardrishaig (Canal Office)	Engineer & Manager ..	5	1	0	48	63.5	58.07	209	170
D LOCH FYNE (LEPHINMORE)	(+A) Hill Farming Research Org.	5	1	0	30	64.7	63.09	195	168
D Loch Fyne (Barnacarry)	Miss M. Manton	5	1	8	44	...	61.81	190	164
D Crarae Lodge	Sir George Campbell, Bart.	5	1	0	20	70.2	67.22	202	167
D Strachur Park	Miss Joan Campbell ..	5	1	9	25	68.8	66.40	176	160
D Brenchoillie	Chamberlain of Argyll ..	5	1	0	240	68.9	72.92	197	161
D Inveraray Castle Gardens	J. McRobbie, Esq.	5	1	0	40	77.2	67.71	193	178
d Ardkinglas	J. R. Taylor, Esq.	8	1	0	27	...	66.38	205	163
M Loch Sloy (Beinn Choranach) ..	N. of S. Hydro-Electric Bd.	5	1	0	1340	...	105.66	...	...
w Loch Sloy (Allt Uaine)	N. of S. Hydro-Electric Bd.	5	1	0	1123	...	101.69	...	...
D Ellerigbeg	N. of S. Hydro-Electric Bd.	5	1	0	29	...	65.45	188	156
d Glen Fyne Lodge	N. of S. Hydro-Electric Bd.	5	1	0	126	...	81.97	...	161
w Allt Na Lairige	N. of S. Hydro-Electric Bd.	5	1	0	1075	...	97.19	...	...
D Shira Main Dam	N. of S. Hydro-Electric Bd.	5	1	0	1123	...	73.60	195	169
w Sron Mhor	N. of S. Hydro-Electric Bd.	5	1	0	1194	...	78.73	...	...
M Loch Fyne Head	N. of S. Hydro-Electric Bd.	5	1	0	1151	...	93.36	...	...
12.—FIRTH OF CLYDE AND COWAL. 242 sq. mi.									
D Toward (Knockdow Gardens) ..	Miss Augusta Lamont ..	5	1	2	101	56.8	46.88	204	157
D Dunoon (Waterworks)	Burgh Surveyor	5	1	0	227	...	65.84	196	173
D Ardnadam (Ashville)	Charles F. Priestley, Esq. ..	5	1	0	26	...	61.53	204	161
d Strone (Dunmore House)	A. C. Kerron, Esq.	5	0	6	10	...	57.60	195	158

|| Site unorthodox.

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			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.
ARGYLLSHIRE—(contd.)										
12.—FIRTH OF CLYDE AND COWAL—(contd.)										
d	Glen Tarsan .. .. .	.. N. of S. Hydro-Electric Bd.	5	1	0	400	...	68.30	...	...
D ¶	DUNOON (BENMORE Forest School)	.. Forestry Commission ..	5	1	0	46	...	72.03	192	177
D	Loch Eck (Benmore Gardens)	.. R. Botanic Gdn., Edinburgh	5	1	0	40	86.6	74.25	195	169
D	Garvie Farm .. .. .	.. N. of S. Hydro-Electric Bd.	5	0	9	140	...	72.28	172	163
D	Strachur (GLENBRANTER) ..	.. Forestry Commission ..	5	1	0	120	85.2	78.02	171	157
D	Lochgoilhead (Ardgoil) ..	.. G. H. Garside, Esq. ..	5	1	0	20	85.4	60.47	194	171
13.—CLYDE. Leven. 4 sq. mi.										
M	Loch Sloy (Beinn Ime 'South')	.. N. of S. Hydro-Electric Bd.	5	1	0	1322	...	109.16	...	...
M	Loch Sloy (Beinn Ime 'North')	.. N. of S. Hydro-Electric Bd.	5	1	0	1533	...	101.56	...	...
14.—INSULAR. 854 sq. mi.										
	Sanda Lighthouse .. .. .	.. Com'rs. of N. Lighthouses	5	2	9	134	...	39.27	...	...
d	Gigha .. .. .	.. Lt.-Col. J. N. Horlick, M.C.	5	1	0	65	...	34.48	...	...
	Islay (Lochindaal) .. .. .	.. Com'rs. of N. Lighthouses	5	0	7	45	44.0	41.93	207	165
	Islay (McArthur's Head) ..	.. Com'rs. of N. Lighthouses	5	0	6	173	56.5	45.64	185	156
D	Islay (Eallabus) .. .. .	.. J. H. Cranston, Esq. ..	5	1	0	68	48.9	44.08	193	158
d	Islay (Rhuvaal) .. .. .	.. Com'rs of N. Lighthouses ..	5	1	0	69	42.0	38.13	...	...
D	Jura (Ardfin) .. .. .	.. Col. W. Riley Smith ..	5	1	0	160	...	43.96	177	153
D	Jura (Tarbert) .. .. .	.. Lord Astor	5	1	0	30	50.3	47.47	186	161
D	Jura (Ardlussa) .. .. .	.. R. G. Fletcher, Esq. ..	5	0	9	100	50.1	43.32	191	151
D	COLONSAY .. .. .	.. Lord Strathcona	5	1	0	87	47.4	39.28	197	157
D	Seil (An Cala) .. .. .	.. Capt. H. Blakeney	5	1	0	30	57.4	49.24	208	151
	Lismore (Mousedale) .. .. .	.. Com'rs. of N. Lighthouses	7	3	10	38	43.7	47.09	177	151
D	Iona (Maol) .. .. .	.. Mr. MacNiven	5	1	0	60	...	38.02	184	144
d	Mull (Auchnacraig) .. .. .	.. G. W. Duncan, Esq. ..	8	1	0	50	...	61.03	...	...
	Mull (Ulva) .. .. .	.. Edith, Lady Congleton ..	5	1	0	30	64.8	50.93	...	179
D	Mull (Gruline) .. .. .	.. Mr. N. Skeffington ..	8	1	0	100	79.0	63.49	211	180
D	Mull (Kellan) .. .. .	.. Major J. Campbell	5	0	9	60	...	59.28	213	183
D	Mull (Tobermory Schoolhouse)	.. M. MacCorquodale, Esq. ..	5	1	0	150	...	54.53	204	167
	Mull, Sound of .. .. .	.. Com'rs. of N. Lighthouses	...	...	...	...	61.5	52.93	195	167
D	TREE Airport	(+A) Meteorological Office ..	8	1	0	29	44.7	38.22	205	148

DIVISION XVI—EAST MIDLAND COUNTIES

CLACKMANNANSHIRE. (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	50	33.2	27.20	169	117
D Tillicoultry (The Cemetery) ..	.. Superintendent	5	1	0	80	34.5	27.68	157	117
w Menstrie (Lipney Filters) .. ..	.. J. D. A. Ross, Esq... ..	5	1	0	328	...	26.63	...	...

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

1.—FORTH. LOWER. Left Bank Tributaries. 15 sq. mi.									
2.—LEVEN & C. 67 sq. mi.									
D Loch Leven Sluice .. .. .	.. G. Harley, Esq.	5	1	0	360	35.8	28.78	205	110
D Milnathort (Greenburn) .. ..	.. Mr. A. Ross	5	1	0	476	36.3	27.71	144	112
D Milnathort (Ochil Hills Hospital) ..	.. Medical Superintendent ..	5	1	0	800	43.9	32.42	160	138
3 —EDEN. 2 sq. mi.									

¶ Gauge over-sheltered.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
KINROSS-SHIRE—(contd.)									
4.—TAY. Earn. 3 sq. mi.									
FIFESHIRE. (Area, 505 sq. mi.)									
1.—FORTH. LOWER. Left Bank Tributaries. 68 sq. mi.									
D DUNFERMLINE (+A)	Carnegie Dunfermline Trust	5	1	0	237	...	20.65	159	107
D Kincardine (Tulliallan)	Head Gardener	5	1	0	90	33.8	22.90	156	114
M Carnock (Craigluscar Reservoir) ..	A. Sinclair, Esq., C.E. ..	12	0	4	480	36.1	28.85	...	...
2.—LEVEN & C. 208 sq. mi.									
d Burntisland (Cullaloe Reservoir) ..	Burgh Surveyor	5	1	0	294	...	21.92	136	113
D KIRKCALDY (Beveridge Park)	Town Clerk	5	1	0	106	30.0	20.35	156	113
D Cowdenbeath (Sewage Works)	H. Gardiner, Esq.	5	1	0	390	...	25.00	179	113
Cleish Hills (Craigaveral)	H. Gardiner, Esq.	5	1	0	760	41.0	31.34	...	...
Cleish Hills (Roscobie Reservoir) ..	H. Gardiner, Esq.	5	1	0	660	39.6	28.09	...	...
D Kirkcaldy (Carberry)	R. Ritchie, Esq.	5	1	0	326	...	22.12	147	101
Cleish Hills (Blairadam)	H. Gardiner, Esq.	5	1	0	670	35.8	26.33	...	...
D Glenrothes (Woodside) (+A)	Glenrothes Developmt. Corp.	5	1	0	273	...	23.45	165	109
D Leslie (Lothrie Reservoir)	R. Ritchie, Esq.	5	1	0	700	36.7	27.15	160	117
D Leven (Silverburn)	Sir David Russell	5	1	0	70	...	18.76	144	104
D LUNDIN LINKS	Largo Improvements Assn.	5	1	0	80	...	20.10	141	106
D Markinch (Rothes)	Sir David Russell	5	1	0	198	...	23.05	163	117
D Markinch (Coul Reservoir)	County Engineer	5	0	9	438	35.2	27.61	180	126
d Carnbee (Ovenstone Waterworks) ..	Mr. John R. Stewart ..	5	1	0	168	25.8	20.03	139	118
D Arncroach (Belliston)	Mr. J. M. Roger	5	1	1	270	...	20.72	162	110
3.—EDEN & C. 205 sq. mi.									
D Cupar (Clatto Reservoir)	R. W. Morrison, Esq. ..	5	1	0	505	30.1	24.71	163	120
D Cameron (Waterworks)	Burgh Engr., St. Andrews ..	5	1	0	478	29.9	20.34	158	109
D Cupar (Pitlair)	Miss Walker	5	1	0	126	29.5	20.83	160	106
d Cupar (Rankeillour)	Mr. R. Meldrum	5	1	0	240	28.7	19.64	...	...
D Kingsbarns (Croft Butts)	Gp. Capt. H. M. K. Brown	5	1	0	75	...	17.62	133	99
d Cupar (Over Rankeillour)	J. Burgess, Esq.	5	1	0	170	28.7	20.10	...	95
D Cupar (Beet Sugar Factory)	British Sugar Corpn. Ltd. ..	5	1	0	82	...	20.68	134	107
D St. Andrews (Waterworks)	Burgh Engineer	5	1	0	217	27.3	19.61	159	111
D ST. ANDREWS	Burgh Engineer	5	1	0	13	27.1	18.16	146	104
D LEUCHARS Airfield (+A)	Meteorological Office ..	8	1	0	36	25.7	17.89	145	93
4.—FIRTH OF TAY. 25 sq. mi.									
D Balmerino Manse	Mr. R. L. Constable ..	5	1	0	200	...	19.37	146	104
d Newport (Tayfield)	Dr. J. Berry	5	1	0	100	28.3	19.03	...	...
D Tayport Lighthouse	Dundee Harbour Trust ..	5	1	0	27	26.3	19.08	151	102
5.—TAY. Earn. 1 sq. mi.									
6.—INSULAR.									
PERTHSHIRE. (Area, 2,535 sq. mi.)									
1.—FORTH. Right Bank Tributaries. 17 sq. mi.									
D Loch Dhu	S. D. Canvin, Esq., C.E. ..	5	1	0	325	79.8	62.07	171	156
2.—FORTH. UPPER. Left Bank Tributaries. 84 sq. mi.									
3.—FORTH. Teith. 221 sq. mi.									
M Ochertyre (Stirling)	Lt.-Col. J. C. Dundas, D.S.O.	5	1	0	14	39.4	28.78	...	...
Loch Drunkie	S. D. Canvin, Esq., C.E. ..	8	1	10	420	62.4	52.30	...	...

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS			AUTHORITIES		Rain-gauge				Average Rain- fall	1955		
					Diam.	Height of Rim Ground above above Ground Sea Level		in.		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
PERTHSHIRE—(contd.)					in.	ft.	in.	ft.	in.	in.		
3.—FORTH—(contd.)												
	Ben Venue (Glasaholme)	..	..	S. D. Canvin, Esq., C.E.	8	1	6	1150	79·4	59·00	...	...
D	Loch Vennachar	..	..	S. D. Canvin, Esq., C.E.	5	1	0	275	55·3	44·98	167	146
D	Brig o' Turk	..	..	S. D. Canvin, Esq., C.E.	5	1	0	275	63·7	51·56	189	143
	Loch Katrine (Tunnel Hill Top)	..	..	S. D. Canvin, Esq., C.E.	8	1	6	830	79·0	65·30	...	...
D	Callander (McLaren High School)	..	..	Town Council	5	1	0	250	...	45·51	191	140
	Ben Ledi	..	..	S. D. Canvin, Esq., C.E.	8	1	8	1400	67·0	52·41	...	...
	Achnahard	..	..	S. D. Canvin, Esq., C.E.	8	1	0	474	65·5	51·15	...	...
W	Strone Bridge	..	..	S. D. Canvin, Esq., C.E.	8	1	6	380	71·7	54·00	...	...
	Glen Meann	..	..	S. D. Canvin, Esq., C.E.	8	1	3	800	76·5	58·63	...	...
	Glen Finlas	..	..	S. D. Canvin, Esq., C.E.	8	1	3	1200	78·3	59·75	...	...
D	Glengyle	..	..	S. D. Canvin, Esq., C.E.	8	1	0	380	89·9	67·84	184	162
	Upper Glengyle	..	..	S. D. Canvin, Esq., C.E.	8	1	6	750	94·7	73·30	...	...
	Allt a' Choin	..	..	S. D. Canvin, Esq., C.E.	8	1	0	1250	88·2	69·70	...	...
d	Strathyre	..	..	Forestry Commission	5	1	0	425	...	57·43	...	...
W	Balquhider (Blaircreach)	..	..	Miss E. Fergusson	5	1	0	460	92·7	66·50	...	...
4.—FORTH. LOWER. Left Bank Tributaries. 107 sq. mi.												
d	Dunblane (Old Doune Road)	..	..	Burgh Surveyor	5	1	0	206	...	29·42	181	116
D	Dunblane (Elmswood)	..	..	A. E. Martin, Esq.	5	1	0	300	...	29·07	180	126
D	Glendevon (Glenquey Reservoir)	..	..	County Engineer, Fifeshire	8	1	0	942	58·0	40·52	201	133
D	Glendevon (Frandy)	..	..	County Engineer, Fifeshire	8	1	0	911	61·6	44·81	171	149
	Glendevon (Glensherup Res.)	..	No. 1	A. Sinclair, Esq., C.E.	5	1	0	920	...	38·69	...	...
M	Glendevon (Bald Hill)	..	..	County Engineer, Fifeshire	8	1	0	1202	58·0	41·72	...	...
5.—LEVEN. 1 sq. mi.												
6.—EDEN. 4 sq. mi.												
7.—TAY. Earn. 376 sq. mi.												
M	Blackford	..	..	Water Engineer, Perthshire	5	1	7	500	...	31·55	...	...
D	§ Upper Farg (Main Bank)	..	..	County Engineer, Fifeshire	8	1	0	632	37·6	27·80	183	112
	Glenfarg (Waterworks)	..	..	Water Engineer, Perthshire	5	1	0	675	...	26·75	...	...
	Bridge of Earn (Ramsheugh)	..	..	Water Engineer, Perthshire	5	1	0	310	...	25·49	...	...
D	Bridge of Earn (Ballendrick)	..	..	G. M. Taylor, Esq.	5	1	0	50	31·5	23·86	158	118
	Lochearnhead (Ardloch)	..	..	S. Moir, Esq.	5	1	0	370	62·1	45·55	...	...
D	Comrie (Dunira Gardens)	..	..	W. P. Robertson, Esq.	10	1	0	200	...	41·01	176	126
M	Meall nam Fiadh	..	..	N. of S. Hydro-Electric Bd.	5	1	0	1850	...	52·71	...	...
d	Comrie (Invergeldie Lodge)	..	..	N. of S. Hydro-Electric Bd.	5	1	0	795	...	48·11	...	...
	Allt am Driuchd	..	..	N. of S. Hydro-Electric Bd.	5	1	0	1750	...	52·48	...	...
D	Crieff (Strathearn Hydro)	..	..	Manager	5	1	0	400	40·9	28·83	163	113
	Loch Turret (Lower Glenturret)	..	..	Water Engineer, Perthshire	5	1	0	1100	54·6	42·34	...	...
	Loch Turret (Glenturret Lodge)	..	..	Water Engineer, Perthshire	5	1	0	1250	...	50·60	...	...
	Loch Turret (Upper Glenturret)	..	..	Water Engineer, Perthshire	5	1	0	1400	...	50·50	...	...
	Loch Turret (Lochaine Uaine)	..	..	Water Engineer, Perthshire	5	1	0	1550	...	48·00	...	...
8.—TAY. Almond & c. 149 sq. mi.												
D	Perth (Craigie Haugh)	..	(+A)	J. Penman, Esq., C.E.	5	4	2	14	...	20·44	131	91
D	PERTH (Wellshill Cemetery)	..	..	Town Council	5	1	0	77	30·8	22·93	162	107
	Methven (Waterworks)	..	..	Water Engineer, Perthshire	5	1	0	450	...	26·92	...	...
9.—TAY. Strathtay below Dunkeld. 33 sq. mi.												
	Dunkeld	..	..	Water Engineer, Perthshire	5	1	0	480	...	27·63	...	...
10.—TAY. 81 sq. mi.												
D	Strath Bran (Glenquaich Lodge)	..	..	W. A. Cox, Esq.	5	1	0	900	54·1	36·11	190	133
D	Strath Bran (Garrows)	..	..	K. O. Hunter, Esq.	5	0	9	980	...	32·12	195	134

§ Turf wall round gauge.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS		AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
			Diam.	Height of		ft.		in.	Days with .01 in. or more	Days with .04 in. or more
			Rim above Ground	Ground above Sea Level						
PERTSHIRE—(contd.)			in.	ft.	in.	ft.	in.	in.		
11.—TAY. Strathtay above Dunkeld. 95 sq. mi.										
D	Aberfeldy (Tigh'n Eilean)	Dr. N. D. Mackay	5	1	0	320	37.4	24.58	172	112
d	Strathtay (Derculich)	E. J. Clark, Esq.	10	1	0	350	...	24.14	...	...
12.—TAY. Loch Tay. 241 sq. mi.										
D	Glenoglehead	N. of S. Hydro-Electric Bd.	5	1	0	942	...	50.26	179	160
	Beinn Leabhain	N. of S. Hydro-Electric Bd.	5	1	0	1850	...	48.90	...	...
	Auchlyne (West)	N. of S. Hydro-Electric Bd.	5	1	0	1200	...	71.68	...	...
D	Killin (Kinnell Gardens)	Head Gardener	5	1	0	380	58.2	40.04	154	137
D	Braentrain	N. of S. Hydro-Electric Bd.	5	1	6	850	...	38.00	155	138
D	Loch Tay (Finlanrig Power Station) ..	N. of S. Hydro-Electric Bd.	5	1	0	402	...	42.03	180	150
D	Lochay Power Station	N. of S. Hydro-Electric Bd.	5	1	0	410	...	43.00	168	137
M	Glen Lochay (Murlaganmore)	N. of S. Hydro-Electric Bd.	5	1	0	750	...	52.73	...	...
M	Loch Tay (Meall Liath)	N. of S. Hydro-Electric Bd.	5	1	0	1250	...	43.51	...	...
	Kenknock	N. of S. Hydro-Electric Bd.	5	1	0	745	...	51.37	...	...
	Lairig Nan Lunn	N. of S. Hydro-Electric Bd.	5	1	0	1720	...	64.00	...	...
D	Lawers Dam	N. of S. Hydro-Electric Bd.	5	1	0	1825	...	57.00	...	...
D	Kenmore (Dalerb)	W. L. Ross, Esq.	5	1	1	390	...	27.28	150	112
13.—TAY. Lyon. 142 sq. mi.										
D	Glenlyon (Meggernie Castle)	Sir E. S. Wills, Bart. ..	5	1	0	700	61.5	46.29	208	163
M	Ben Lawers (Ciore Raidhailt)	N. of S. Hydro-Electric Bd.	5	1	0	2000	...	59.25	...	...
	Invermearan	N. of S. Hydro-Electric Bd.	5	1	0	1150	...	80.63	...	...
D	Lubreoch Dam	N. of S. Hydro-Electric Bd.	5	1	0	1080	...	58.17	188	159
	Allt Cailliche	N. of S. Hydro-Electric Bd.	5	1	0	1300	...	77.57	...	...
	Loch Daimh	N. of S. Hydro-Electric Bd.	5	1	0	1450	...	60.45	...	...
	Giorra Dam	N. of S. Hydro-Electric Bd.	5	1	0	1375	...	52.20	...	...
w	Fortingall (Glenlyon House)	Mr. David R. Dow	5	1	0	425	44.7	34.13	...	...
14.—TAY. Tummel. 587 sq. mi.										
d	Gaunt (Power Station)	N. of S. Hydro-Electric Bd.	5	1	0	794	...	41.49	...	...
D	Loch Rannoch (Power House)	N. of S. Hydro-Electric Bd.	5	1	1	675	43.4	29.58	174	130
d	Foss (Domnaheich)	N. of S. Hydro-Electric Bd.	5	1	0	640	...	26.81	...	...
D	Loch Tummel (Power House)	N. of S. Hydro-Electric Bd.	5	1	0	500	...	28.98	166	124
D	PITLOCHRY (Faskally)	Brown Trout Research Lab.	5	1	0	310	...	24.67	171	112
	Loch Tummel (Over Bohespic)	N. of S. Hydro-Electric Bd.	5	1	0	1000	...	26.62	...	...
D	Pitlochry (Bonskeid)	Secretary, Y.M.C.A. ..	5	1	0	540	33.0	25.64	168	112
M	Pitlochry (Allt Girnaig)	Burgh Surveyor	5	1	0	850	...	26.80	...	...
D	Fincastle House	R. S. Barbour, Esq. ..	5	1	0	980	35.4	24.49	145	119
D	Ericht Dam	N. of S. Hydro-Electric Bd.	5	1	0	1196	54.1	40.54	192	151
D	Struan (Auchleeks)	Miss Robertson	5	1	0	710	45.5	33.56	178	135
w	Auchleeks	N. of S. Hydro-Electric Bd.	5	1	0	1500	...	33.78	...	...
D	Blair Atholl (Blair Castle Gardens) ..	Mr. A. B. Duguid	5	1	0	500	33.6	24.15	154	104
d	Edendon Bridge	N. of S. Hydro-Electric Bd.	5	1	0	1029	...	34.82	...	...
D	Glen Bruar (Bruar Lodge)	N. of S. Hydro-Electric Bd.	5	1	0	1500	44.9	31.79	225	152
M	§Edendon (Stronphadruig Lodge) ..	N. of S. Hydro-Electric Bd.	5	1	0	1630	...	50.35	...	...
15.—TAY. Isla. 282 sq. mi.										
D	Dunkeld (Cardney)	A. R. Macgregor, Esq. ..	5	1	0	350	37.4	26.52	150	108
d	Dunkeld (Riechip Lodge)	Mr. A. McLean	5	1	0	1000	...	25.37	145	103
	Loch Benachally	Blairgowrie Dist. Water Bd.	8	1	0	1007	40.4	25.03	...	...
d	Kirkmichael (Ballintuim House) ..	W. H. Bell, Esq.	5	1	4	700	40.3	26.93	...	...
D	Glenshee Lodge	Lt.-Col. C. A. Peel	5	1	0	1000	...	32.47	193	132
16.—TAY. Left Bank Tributaries. 51 sq. mi.										
	Balbeggie (Montague Reservoir) ..	Water Engineer, Perthshire	5	1	0	530	...	23.00	...	...
17.—FIRTH OF TAY. 45 sq. mi.										
	Errol (Fingask)	Water Engineer, Perthshire	5	1	0	550	...	21.25	...	...

§ Turf wall round gauge.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above			·01 in. or more	·04 in. or more
			Ground	Sea Level					
		in.	ft.	in.	ft.	in.	in.		
PERTHSHIRE—(contd.)									
18.—SPEY. Right Bank Tributaries. 1 sq. mi.									
19.—LOCH LINNHE. Left Bank Tributaries. 2 sq. mi.									
20.—CLYDE. Leven. 36 sq. mi.									
Lairig (Arnan)	N. of S. Hydro-Electric Bd.	5	1	0	1115	...	91·14	...	...
Dubh Eas	N. of S. Hydro-Electric Bd.	5	1	0	1210	...	88·34	...	...
M Loch Sloy (Allt Nan Caorunn)	N. of S. Hydro-Electric Bd.	5	1	0	1200	...	88·08	...	...
ANGUS. (Area, 875 sq. mi.)									
1.—TAY. Isla. 211 sq. mi.									
D Glamis Castle	Mr. D. McInnes	5	0	7	250	30·9	27·06	151	102
D Forfar (Lilybank Crescent)	Mr. D. Duncan	5	1	6	226	...	24·17	158	112
D Kirriemuir (Lintrathen)	(+A) R. Little, Esq., C.E.	8	1	0	700	34·7	24·72	156	113
Kirriemuir (Balnakeilly)	R. Little, Esq., C.E.	5	1	0	700	34·1	25·09	...	...
Kirriemuir (Dykends)	R. Little, Esq., C.E.	5	1	0	750	36·4	24·90	...	...
Kirriemuir (Creich Hill N.)	R. Little, Esq., C.E.	5	1	0	1491	40·5	25·80	...	...
Kirriemuir (Backwater)	R. Little, Esq., C.E.	5	1	0	850	39·7	27·55	...	...
Kirriemuir (Westerton)	R. Little, Esq., C.E.	5	1	0	900	40·5	26·60	...	...
Kirriemuir (Macritch)	R. Little, Esq., C.E.	5	1	0	1300	38·7	29·50	...	...
Kirriemuir (Newton)	R. Little, Esq., C.E.	5	1	0	735	37·4	25·80	...	...
Kirriemuir (Longdrum)	R. Little, Esq., C.E.	5	1	0	1045	39·3	30·10	...	...
Kirriemuir (Glendye)	R. Little, Esq., C.E.	6	1	0	1050	44·9	32·50	...	...
Kirriemuir (Barney)	R. Little, Esq., C.E.	5	1	0	1170	40·2	30·00	...	...
Kirriemuir (Glenhead)	R. Little, Esq., C.E.	5	1	0	1260	43·1	31·20	...	...
Kirriemuir (Dalvanie)	R. Little, Esq., C.E.	5	1	0	1020	42·7	31·50	...	...
Kirriemuir (Glen Damff)	R. Little, Esq., C.E.	5	1	0	1360	43·7	32·30	...	...
2.—FIRTH OF TAY. 80 sq. mi.									
D Carnoustie (BUDDON NESS Light)	Dundee Harbour Trust	5	1	0	15	26·4	18·97	150	104
D Dundee (Stobsmuir Reservoir)	R. Little, Esq., C.E.	5	1	0	278	...	20·22	150	97
d Dundee (Camperdown Works)	Cox Bros. Ltd.	5	1	0	300	26·8	20·40	...	...
D DUNDEE (MYLNEFIELD)	Horticultural Res. Institute	5	1	0	100	...	17·53	150	100
w Balruddery	D. H. Sharp, Esq.	5	1	0	260	29·8	18·69	...	...
D DUNDEE (Mayfield)	Director of Studies	5	1	0	147	26·2	20·53	143	106
D Dundee (Clatto Reservoir)	R. Little, Esq., C.E.	8	1	2	498	...	22·35	157	116
3.—SOUTH ESK & C. 371 sq. mi.									
D CARNOUSTIE	Burgh Surveyor	8	1	0	17	27·2	19·16	149	107
D Monikie Reservoir	R. Little, Esq., C.E.	5	1	0	494	34·7	24·39	161	110
D Monikie (Crombie Reservoir)	R. Little, Esq., C.E.	5	1	0	528	35·2	23·03	135	100
Monikie (Fallaws)	R. Little, Esq., C.E.	8	3	0	585	33·2	23·98	...	...
D ARBROATH (Springfield Park)	Town Council	5	1	0	95	25·6	17·39	141	99
w Arbroath (Muirheads Reservoir)	Burgh Engineer	5	1	0	251	28·1	18·25	...	...
D Montrose (West End Park)	Burgh Surveyor	5	1	0	19	26·0	19·67	143	104
D \$Forfar Waterworks (Den of Ogil)	Alex C. Millar, Esq.	5	1	0	663	...	25·31	161	113
D Glenogil (Waterworks)	Burgh Engineer, Arbroath	5	1	0	690	40·9	25·72	159	119
Glen Prosen (Cormuir)	R. Little, Esq., C.E.	5	1	0	870	...	30·60	...	...
4.—NORTH ESK & C. 213 sq. mi.									
D MONTROSE (ROYAL MENTAL HOSPITAL)	Medical Superintendent	5	0	10	200	27·0	20·94	164	111
D Montrose (Kinnaber Waterworks)	Burgh Surveyor	5	1	0	30	...	19·87	144	110
D Brechin (Stracathro Hospital)	Medical Superintendent	5	1	0	120	...	20·49	152	104
D Loch Lee (Inchgrundle)	County Engineer	5	1	0	885	...	39·69	181	130
D Loch Lee (Invermark)	County Engineer	5	1	0	895	...	37·28	158	129
Glen Lee (Stables)	County Engineer	5	1	0	1545	...	40·06	...	...

§ Turf wall round gauge.

DIVISION XVII—NORTH-EASTERN COUNTIES

STATIONS	AUTHORITIES	Rain-gauge				Average Rain- fall	1955		
		Diam.	Height of		Ground		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		in.	ft.	in.	ft.	in.	in.		
KINCARDINESHIRE. (Area, 382 sq. mi.)									
1.—NORTH ESK & C. 99 sq. mi.									
D Fettercairn (Fasque)	Sir Albert Gladstone ..	5	0	10	320	36·0	28·66	172	123
D §FETTERCAIRN (GLENSAUGH) ..	(+A) Hill Farming Research Org.	5	1	0	560	39·3	29·68	168	124
2.—BERVIE, COWIE & C. 139 sq. mi.									
D STONEHAVEN	Town Council	5	1	0	125	27·4	24·52	179	133
D MUCHALLS	N. of S. College of Agric. ..	5	1	0	210	...	22·87	166	110
Girdleness Lighthouse	Com'rs. of N. Lighthouses	7	4	0	89	...	19·33	121	99
3.—DEE. 144 sq. mi.									
D Strachan (Bridge of Dye)	Sir Albert Gladstone ..	5	1	0	553	...	30·65	184	120
D Banchory (Invery)	Major Jas. Kerr	5	1	0	225	34·8	27·86	174	118
D Banchory (Invercarnie)	A. G. Booth, Esq., C.E. ..	5	0	9	208	31·9	24·74	169	108
ABERDEENSHIRE. (Area, 1,974 sq. mi.)									
1.—DEE. 672 sq. mi.									
M Glen Muick (Allt na Guibhsaich) ..	A. G. Booth, Esq., C.E. ..	5	1	0	1370	45·1	35·58	...	...
D Glen Muick (Inchnabart)	A. G. Booth, Esq., C.E. ..	5	1	0	1270	41·9	35·27	199	154
d §Aitnach	A. G. Booth, Esq., C.E. ..	5	1	0	1260	41·9	33·48	...	...
D BRAEMAR (Bank)	R. A. Lees, Esq.	5	1	0	1111	35·4	24·79	182	129
D Braemar (Derry Lodge)	A. G. Booth, Esq., C.E. ..	5	1	0	1400	38·1	34·46	202	159
D Ballater (Birkhall Sawmill)	Forestry Commission ..	5	1	1	650	...	24·61	178	125
D Glen Tanar (Mansion House)	Lord Glentanar	5	1	0	553	...	28·04	170	123
D BALMORAL Castle Gardens	(+A) Mr. E. Stuart	5	1	0	927	33·0	23·62	191	124
d §Ballater (Irrigation Farm)	A. G. Booth, Esq., C.E. ..	5	1	0	633	33·2	28·44	168	131
Beinn Bhreac	A. G. Booth, Esq., C.E. ..	5	1	0	2700	47·1	42·22	...	...
d Aboyne (Irrigation Farm)	A. G. Booth, Esq., C.E. ..	5	1	0	380	31·9	22·33	166	113
D Glen Gairn (Gairn Shiel Lodge) ..	A. G. Booth, Esq., C.E. ..	5	1	0	1100	34·4	29·20	174	128
Glen Gairn (Corndavon)	A. G. Booth, Esq., C.E. ..	5	1	0	1500	...	31·07	...	...
Lumphanan	A. G. Booth, Esq., C.E. ..	5	1	0	476	31·6	26·61	...	...
D Drumoak (Drum Castle)	H. Q. Forbes Irvine, Esq. ..	5	1	0	320	30·9	29·14	201	128
D Tarland (Irrigation Farm)	A. G. Booth, Esq., C.E. ..	5	1	0	467	...	23·56	171	112
W Bieldside (Netherton Lodge)	J. A. Ross, Esq.	5	1	0	375	...	29·83	...	...
D ABERDEEN (MANNOFIELD RES.) ..	(+A) City Engineer, Aberdeen ..	5	1	0	171	30·5	26·37	173	122
D Craigiebuckler	Macaulay Inst. Soil Research	5	1	0	220	...	30·75	188	137
2.—DON. 512 sq. mi.									
D Strathdon (Tornashean)	Mr. G. A. Crawford	5	1	0	1000	...	29·94	193	148
D Bridge of Don (Braehead)	The Marquis of Aberdeen ..	5	1	0	114	...	23·98	173	125
D Dyce (CRAIBSTONE)	(+A) N. of S. College of Agric. ..	8	1	0	300	32·3	28·21	175	122
D DYCE (Aberdeen Airport)	(+A) Meteorological Office ..	5	1	0	241	32·0	28·20	180	118
D Alford (Littlewood Park)	Sir Alan McLean	5	1	0	750	...	33·73	200	140
3.—YTHAN & C. 285 sq. mi.									
D Ellon (Esslemont House)	Mrs. Wolrige Gordon	5	0	9	100	...	26·12	180	125
D Haddo House	Major D. Gordon	5	1	0	186	31·5	26·74	186	125
d Fyvie Castle	Sir Ian Forbes-Leith, Bart.	5	1	0	200	33·9	29·80	168	136
4.—UGIE & C. 257 sq. mi.									
D New Deer (School House)	C. S. Henderson, Esq. ..	5	1	0	397	32·3	30·10	196	142
D Peterhead (Forehill Works) n.g.	J. Coull, Esq., C.E. ...	5	1	0	132	...	23·39	177	126
D Peterhead (Forehill Works)	J. Coull, Esq., C.E. ...	5	0	8	133	30·3	21·22	176	120
D Peterhead (Mains of Buthlaw)	W. Johnston, Esq.	5	1	6	120	30·3	24·61	193	135
D Fedderate Reservoir	G. S. Stewart, Esq.	5	0	9	410	...	31·01	202	142
D RATTRAY HEAD (Coastguard Stn.)(+A)	Station Officer, for M.O. ..	5	1	0	85	...	23·93	206	136
Kinnaird Head	Com'rs. of N. Lighthouses	5	1	0	62	26·2	23·37	181	133

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			·01 in. or more	·04 in. or more
ABERDEENSHIRE—(contd.)		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>in.</i>		
5.—DEVERON & C. 248 sq. mi.									
D HUNTLY	Wm. Eddie, Esq., for M.O.	5	1	0	405	...	34·52	220	150
D Turriff (Muireisk House)	Air Com. G. E. Wilson, O.B.E.	5	1	0	130	...	28·97	213	145
BANFFSHIRE. (Area, 630 sq. mi.)									
1.—YTHAN. 1 sq. mi.									
2.—DEVERON & C. 344 sq. mi.									
D Drummuir Castle	H. G. Brown, Esq. .. .	5	1	10	620	36·4	35·25	180	147
d Keith (Isla Bank Mills)	G. & G. Kynoch, Ltd. .. .	5	1	0	360	33·8	32·12	...	...
d Turriff (Forglen Gardens)	Mr. S. Barclay .. .	5	1	0	220	31·9	27·22	176	141
D BANFF	Town Council (I. H. Gordon)	5	0	9	130	28·7	23·76	187	129
D Cullen House Gardens	C. A. Ritchie, Esq. .. .	5	1	2	150	30·6	27·04	196	140
3.—SPEY. Right Bank Tributaries. 285 sq. mi.									
D GLENLIVET (Clashnoir)	Walter Duncan, Esq., for M.O.	5	1	0	1085	...	34·00	191	141
D Dufftown (Glenrinnies Manse) ..	Rev. W. Gardiner .. .	5	1	0	995	...	39·32	204	151
D Ballindalloch	R. McIntosh, Esq. .. .	8	1	0	630	33·7	31·47	183	143
MORAYSHIRE. (Area, 477 sq. mi.)									
1.—DEVERON & C. 7 sq. mi.									
2.—SPEY. Right Bank Tributaries. 35 sq. mi.									
D FOCHABERS (Gordon Castle)	Col. G. C. Gordon Lennox, C.V.O., D.S.O. .. .	5	0	8	104	29·8	26·99	178	135
3.—SPEY. Left Bank Tributaries. 133 sq. mi.									
D Grantown-on-Spey (Moniack)	H. Grant Cumming, Esq. .. .	5	1	0	700	...	27·21	196	128
4.—LOSSIE & C. 154 sq. mi.									
D Forres (Dallas Lodge)	Brig. H. W. Houldsworth ..	5	1	0	600	...	28·67	176	132
D Lhanbryde (Blackhills House) ..	Mr. W. Dunbar .. .	5	1	0	310	32·0	28·91	188	141
D Elgin (Kirkhill)	Mrs. M. D. MacDonald .. .	5	1	7	35	...	25·45	188	127
D Elgin (The Bield)	Mrs. Harrison .. .	5	1	4	120	...	25·04	184	129
D §ELGIN (Cemetery) (+A)	Town Council .. .	5	1	1	92	...	23·98	174	113
d Elgin (Lesmurdie)	Mrs. J. G. Norman .. .	5	1	0	114	26·9	25·57	...	...
D Elgin (Newton Nursery)	Forestry Commission .. .	5	1	0	75	...	19·92	170	111
5.—FINDHORN & C. 148 sq. mi.									
D FORRES (Hydro)	Town Clerk .. .	5	1	0	155	...	19·62	152	98
D Kintessack (Culbin)	Mr. W. G. Milne .. .	5	1	0	28	...	19·92	190	101
D KINLOSS Airfield (+A)	Meteorological Office .. .	5	1	0	16	...	20·04	158	104
D FINDHORN	D. Cameron, Esq. .. .	5	1	0	20	...	18·46	167	96
NAIRNSHIRE. (Area, 163 sq. mi.)									
1.—FINDHORN & C. 102 sq. mi.									
D Ardclach (Glenferness)	Mr. J. May .. .	8	1	0	700	34·8	27·68	199	137
D Lethen	Major D. J. Brodie .. .	5	1	6	300	...	23·76	166	116
2.—NAIRN & C. 61 sq. mi.									
D Cawdor (Auchindoune)	Col. the Hon. I. M. Campbell	5	1	0	425	...	23·85	196	128
D Cawdor Castle	Mr. James Taylor .. .	5	0	9	225	29·2	24·28	205	128
D Nairn (Firhall)	Lt.-Col. Angus Cameron ..	5	1	0	65	24·7	19·43	185	97
D Nairn (Balblair)	Major R. H. Allanby .. .	5	1	9	94	24·7	21·39	153	107
D Nairn (Achareidh)	Mrs. Clarke .. .	8	1	0	59	23·9	19·45	186	102
D NAIRN (Golf Course)	Town Clerk .. .	8	1	0	20	22·5	18·47	166	92

§ Turf wall round gauge.

DIVISION XVIII—NORTH-WESTERN COUNTIES

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
INVERNESS-SHIRE. (Area, 4,146 sq. mi.)									
1.—TAY. Tummel. 28 sq. mi.									
2.—SPEY. Right Bank Tributaries. 437 sq. mi.									
D DALWHINNIE	G. Ritchie, Esq., for M.O.	8	1	0	1176	46.7	36.70	201	142
M Loch Seilich (Gaick Lodge)	N. of S. Hydro-Electric Bd.	5	1	0	1430	...	42.23	...	...
D Loch Seilich (Tromie Dam)	N. of S. Hydro-Electric Bd.	5	1	0	1430	46.6	42.14	225	179
D Glenshero	British Aluminium Co. Ltd.	8	0	10	880	45.9	33.90	180	138
M Glenfeshie Lodge	Department of Agriculture	5	1	0	1170	...	31.46	...	...
D Aviemore (Kinrara)	Wm. Murphy, Esq. . . .	5	1	7	800	...	27.62	183	141
D Loch Morlich (Forester's Cottage) ..	Forestry Commission	5	1	0	1072	...	30.98	187	146
D Loch Morlich (GLENMORE LODGE) ..	D. of Field Studies, for M.O.	5	1	0	1075	...	32.13	202	141
3.—SPEY. Left Bank Tributaries. 257 sq. mi.									
D Cluny Castle	J. Burnaby Coutts, Esq. . .	5	1	0	830	39.9	30.44	215	154
M Loch Spey	British Aluminium Co. Ltd.	5	1	0	1164	64.9	47.64	...	...
Glen Spey (Mealgarve)	British Aluminium Co. Ltd.	8	1	0	1135	55.2	44.81	...	...
D Kingussie	Miss Jessie Dallas	8	1	0	800	...	27.40	223	162
D Carrbridge (Rose Cottage)	Mr. A. F. Panton	5	1	0	850	...	23.53	166	125
4.—FINDHORN. 164 sq. mi.									
D Tomatin (Dalmigavie Lodge)	C. W. Christie-Miller, Esq.	5	1	2	1150	42.5	37.91	216	162
5.—NAIRN & C. 131 sq. mi.									
d Inverness (Cameron Barracks)	Officer Commanding	5	1	0	50	...	18.77	...	...
D Dalcross Airfield	(+A) Meteorological Office ..	5	1	0	35	...	19.24	168	99
6.—NESS. Right Bank Tributaries. 252 sq. mi.									
d Invergarry (Aberchalder Lodge)	N. of S. Hydro-Electric Bd.	5	1	0	180	...	33.60	...	...
M Auchterawe (Lon Mor)	Forestry Commission	5	1	0	525	...	40.01	...	...
D Fort Augustus (Auchterawe)	Forestry Commission	5	0	6	136	47.7	36.63	182	141
D FORT AUGUSTUS (St. Benedicts)	Procurator	5	1	0	68	44.2	33.49	196	146
D Loch Ness (Garthbeg)	British Aluminium Co. Ltd.	8	1	0	630	40.1	31.72	228	153
D Loch Ness (Foyers)	British Aluminium Co. Ltd.	8	1	0	52	38.2	27.73	200	133
D Loch Ness (Aberchalder)	British Aluminium Co. Ltd.	8	1	0	700	39.4	29.83	203	145
w Loch Ashie	Town Council	5	1	0	718	...	26.60	...	...
D INVERNESS (Culduthel Reservoir) ..	Town Council	5	1	0	242	27.6	21.98	185	112
7.—NESS. Garry & c. 185 sq. mi.									
d Loch Quoich (Cruadhach)	N. of S. Hydro-Electric Bd.	5	1	0	710	...	135.92	...	...
Glen Kingie (Lachan na Sgud)	N. of S. Hydro-Electric Bd.	5	1	0	470	...	73.08	...	...
Loch Quoich (Kinlochquoich)	N. of S. Hydro-Electric Bd.	5	1	0	713	...	115.45	...	...
D Invergarry (Craigard)	N. of S. Hydro-Electric Bd.	5	1	0	181	...	41.78	202	148
D Glen Garry (Kingie Camp)	(+A) N. of S. Hydro-Electric Bd.	5	1	0	480	...	72.14	211	180
D Glen Garry (Inchlaggan)	N. of S. Hydro-Electric Bd.	5	1	0	360	...	48.33	200	164
Glen Quoich (Alltbeithe)	N. of S. Hydro-Electric Bd.	5	1	0	760	...	85.10	...	...
D Glenquoich	N. of S. Hydro-Electric Bd.	5	1	0	672	...	85.02	206	181
8.—NESS. Moriston. 120 sq. mi.									
d Cluanie Camp	N. of S. Hydro-Electric Bd.	5	0	8	610	...	57.12	...	...
d Glenmoriston (Ceannacroc)	N. of S. Hydro-Electric Bd.	5	1	0	427	...	49.65	...	...
D Glenmoriston (Blairie)	N. of S. Hydro-Electric Bd.	5	1	0	229	...	34.97	173	134
d Glenmoriston (Invermoriston Hotel)	N. of S. Hydro-Electric Bd.	5	1	0	70	44.0	34.67	...	...
d Invermoriston (Allt Saigh)	N. of S. Hydro-Electric Bd.	5	1	1	95	41.2	31.17	...	...

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

STATIONS		AUTHORITIES		Rain-gauge				Average Rain-fall	1955			
				Diam.	Height of		in.		in.	Days with .01 in. or more	Days with .04 in. or more	
				in.	ft.	in.		ft.				in.	in.
INVERNESS-SHIRE—(contd.)												
9.—NESS. Enrick. 133 sq. mi.												
M	Glen Urquhart Forest .. ..	..	..	Forestry Commission ..	5	1	0	1000	45.0	31.20	...	...
d	Glen Urquhart House .. ..	..	..	G. S. Wilkinson, Esq. ..	5	1	3	470	36.1	25.99	169	132
10.—BEAULY. 341 sq. mi.												
M	Glen Affric (Creag na Calman) ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	1050	71.7	62.25	...	...
d	Glen Affric (Affric Lodge) ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	765	59.4	50.82	194	180
M	Glen Fiadh .. ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	1550	83.3	73.70	...	...
d	Glen Affric (Benevean Dam) ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	762	...	38.10	...	...
D	Cannich (Balcladaich) .. ..	..	..	Forestry Commission ..	5	1	0	350	45.9	32.84	200	147
D	Cannich (Fasnakyle) .. ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	264	42.6	30.73	185	140
D	Glen Cannich (Mullardoch Dam) (+A)	..	..	N. of S. Hydro-Electric Bd.	5	1	0	672	63.4	53.09	219	173
D	Strathglass (Glassburn) ..	..	..	Maj.-Gen. A. L. Collier, C.B.E.	5	1	0	170	42.5	33.33	201	139
d	Glen Farrar (Broulin Lodge) ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	500	...	43.23	...	...
d	Glen Farrar (Leishmore) ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	200	...	28.81	...	...
11.—CROMARTY FIRTH. 13 sq. mi.												
12.—SOUND OF SLEAT. 259 sq. mi.												
D	Arisaig (Traigh House) .. ..	..	..	Mrs. Vera Shaw Stewart ..	5	1	0	20	...	49.09	207	180
D	Loch Morar (Rhubana) .. ..	..	..	N. of S. Hydro-Electric Bd.	5	1	0	52	...	57.20	224	192
D	Loch Hourn (Kinlochourn) ..	..	..	Ewen MacRae, Esq. ..	5	1	0	18	107.3	84.49	212	188
13.—SOUND OF ARISAIG. 126 sq. mi.												
D	Moidart (Glenmoidart) .. ..	..	..	Miss Margery Lees ..	5	1	0	200	84.5	63.51	205	182
D	Loch Ailort (Inverailort) ..	..	..	F. S. Cameron-Head, Esq.	5	1	0	8	...	70.86	207	181
D	Loch Ailort (Polnish) .. ..	..	..	C. M. Wedderburn, Esq. ..	5	1	0	120	78.0	61.17	219	174
D	Arisaig House .. ..	..	..	Mr. J. MacPherson ..	5	1	0	40	62.9	55.41	235	191
14.—LOCH LINNHE. Right Bank Tributaries. 48 sq. mi.												
15.—LOCHY. Right Bank Tributaries. 143 sq. mi.												
W	Glen Loy (Erracht) .. ..	..	..	Major E. C. Cameron ..	5	1	0	150	79.8	61.00	...	...
D	Loch Arkaig (Achnacarry) ..	..	..	Lt.-Col. D. H. Cameron of Lochiel	5	1	0	128	80.6	54.95	210	172
D	Clunes (Loch Lochy West) ..	..	..	Lt.-Col. D. H. Cameron of Lochiel	5	1	6	110	73.6	56.29	209	180
M	Clunes (Kilmallie) .. ..	..	..	Forestry Commission ..	5	1	0	1050	...	58.74	...	...
16.—LOCHY. Left Bank Tributaries. 362 sq. mi.												
M	Fort William (Allt a'Mhuilinn) ..	..	..	British Aluminium Co. Ltd.	8	1	0	1000	83.6	70.62	...	...
D	Fort William (The Factory) ..	..	..	British Aluminium Co. Ltd.	8	1	0	75	73.0	51.32	215	175
	Roy Bridge (Lairig Road) ..	..	..	British Aluminium Co. Ltd.	8	1	0	1650	85.7	74.86	...	...
	Spean Bridge (The Cour) ..	..	..	British Aluminium Co. Ltd.	5	1	0	1050	92.4	78.89	...	...
	Sgurr Finisgaig .. ..	..	..	British Aluminium Co. Ltd.	8	1	0	1850	89.4	70.25	...	...
D	Loch Treig (Fersit) .. ..	..	..	British Aluminium Co. Ltd.	8	1	0	850	62.9	53.24	205	163
	Tulloch (Allt Laire) .. ..	..	..	British Aluminium Co. Ltd.	5	1	0	1050	60.7	59.98	...	...
	Roy Bridge (Allt Leachdach) ..	..	..	British Aluminium Co. Ltd.	5	1	0	650	61.3	53.57	...	...
	Loch Pattack .. ..	..	..	Sir J. F. Ramsden, Bart. ..	5	0	9	1420	58.8	47.30	...	...
M	Glen Spean (Craigbeg) .. ..	..	..	British Aluminium Co. Ltd.	8	1	0	860	58.6	46.43	...	...
d	Spean Bridge (Spean Lodge) ..	..	..	Mr. J. D. McHardy ..	5	1	3	200	64.5	46.92	...	...
D	Loch Laggan (Ardverikie) ..	..	..	Sir J. F. Ramsden, Bart. ..	5	0	6	838	54.0	47.64	206	166
17.—LOCH LINNHE. Left Bank Tributaries. 120 sq. mi.												
D	ONICH .. ..	..	..	Forestry Commission ..	5	1	3	48	77.4	63.39	203	180
D	Onich (Corran Gardens) ..	..	..	R. W. Paine, Esq. ..	5	1	0	72	...	61.42	214	172
D	Glenleven (Blackwater Dam, N.) ..	..	..	British Aluminium Co. Ltd.	8	1	0	1100	85.5	65.91	239	187
M	Glenleven (Loch Eilde Mhor) ..	..	..	British Aluminium Co. Ltd.	8	1	6	1130	94.9	75.23	...	...

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
INVERNESS-SHIRE—(contd.)									
17.—LOCH LINNHE—(contd.)									
d Glenleven (Corrour)	British Aluminium Co. Ltd.	8	1	0	1350	70.1	61.62	...	...
Fort William (Teviot)	(+A) J. W. Ainslie, Esq.	8	1	0	34	78.9	57.73	215	168
D Fort William (Glasdrum)	British Aluminium Co. Ltd.	5	1	0	216	75.9	58.03	218	177
18.—INSULAR. INNER HEBRIDES. 832 sq. mi.									
D Isle of Eigg	Rt. Hon. Viscount Runciman	5	1	0	120	59.2	47.87	202	165
D Skye (Glenbrittle)	(+A) Mr. Ewen MacRae	5	1	0	30	...	73.18	216	185
D Skye (Broadford)	R. B. Dundas, Esq.	5	1	0	23	76.8	62.32	224	192
D Skye (Kyleakin, Dunringell)	W. A. Douglas-Hamilton, Esq.	5	1	0	70	...	51.52	230	182
D Skye (Grula)	Forestry Commission	5	1	0	60	...	76.05	220	192
D Skye (Tallisker)	James A. Cameron, Esq.	5	1	0	15	...	55.66	199	192
D Skye (Loch Harport, Carbost)	Mr. D. M. MacCaskill	5	1	0	160	...	73.66	218	193
Skye (Struan Schoolhouse)	D. A. MacLean, Esq.	5	1	0	150	...	50.20	...	...
D Skye (Portree)	Miss F. Macdonald	5	1	0	90	73.1	56.14	211	186
d Skye (Loch Leathan)	N. of S. Hydro-Electric Bd.	5	0	9	480	75.8	66.02	225	204
D Skye (DUNTULM, Kilmuir)	Seton Gordon, Esq., C.B.E.	5	1	0	294	53.5	51.70	238	190
19.—INSULAR. OUTER HEBRIDES. 243 sq. mi.									
D Barra (Loch an Duin)	(+A) Department of Agriculture	5	1	0	120	...	41.68	205	153
D BENBECULA Airport	(+A) Meteorological Office	5	1	0	18	...	42.71	228	178
D Lochport (Schoolhouse)	E. H. Brockie, Esq.	5	1	0	21	...	46.72	246	182
D Harris (Kyles Lodge)	L. H. Lomas, Esq.	5	1	0	20	...	53.26	224	188
ROSS & CROMARTY. (Area, 3,237 sq. mi.)									
1.—NESS. Moriston. 35 sq. mi.									
2.—BEAULY. 109 sq. mi.									
3.—MORAY FIRTH COAST STREAMS. 64 sq. mi.									
D Munlochy (Allangrange)	Major A. J. Cameron	5	1	0	70	...	21.93	166	114
D § FORTROSE	Rev. W. Craig	5	1	0	69	23.8	19.34	162	103
d Fearn (Geanies)	Capt. K. Murray, J.P.	5	1	0	200	22.8	20.61	...	...
4.—CROMARTY FIRTH. 714 sq. mi.									
D River Meig (Corrieheel)	N. of S. Hydro-Electric Bd.	5	1	0	760	...	54.21	206	158
D Muir of Ord (Fairburn)	Major J. S. Stirling	5	1	0	400	36.2	27.12	164	131
D Strathconan (Bridgend)	N. of S. Hydro-Electric Bd.	5	1	0	500	...	40.12	188	165
d Loch Rosque (Luibmore)	N. of S. Hydro-Electric Bd.	5	1	0	550	...	60.07	...	...
D Loch Luichart (East)	N. of S. Hydro-Electric Bd.	5	1	0	165	39.5	33.93	202	159
D Achnasheen (Druimdhru)	N. of S. Hydro-Electric Bd.	5	0	10	540	...	53.13	265	211
D Lochluichart (The Manse)	N. of S. Hydro-Electric Bd.	5	1	0	310	42.0	37.32	189	147
w Loch Fannich (Cabaie)	N. of S. Hydro-Electric Bd.	5	1	0	850	79.5	60.86	...	...
D Lochluichart (Aultdearg)	N. of S. Hydro-Electric Bd.	5	1	0	725	53.6	39.77	207	160
M Garbat (Dubh Choille)	Forestry Commission	5	1	0	1150	46.7	40.27	...	...
D Garbat Forest (Longart)	Forestry Commission	5	1	0	500	42.9	41.72	197	182
D Strath Vaich Schoolhouse	N. of S. Hydro-Electric Bd.	5	1	0	700	44.7	41.13	214	160
d Strath Vaich Lodge	N. of S. Hydro-Electric Bd.	5	1	0	790	...	45.87	219	166
D Alness (Ardross School)	J. H. Ross, Esq.	5	1	6	495	...	24.29	184	117
5.—DORNOCH FIRTH. 355 sq. mi.									
D Tain (Mayfield)	Dr. E. W. Fraser	5	1	0	77	29.0	21.28	163	112
D TARBATNESS	Principal Keeper, for M.O.	5	1	0	60	22.2	19.06	164	101
6.—ENARD BAY. 78 sq. mi.									

§ Turf wall round gauge.

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

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		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
ROSS & CROMARTY—(contd.)									
7.—LOCH BROOM & C. 367 sq. mi.									
D Loch Droma	N. of S. Hydro-Electric Bd.	5	1	0	940	62.3	49.84	203	188
D Inverbroom (Glackour)	Forestry Commission ..	5	1	0	65	56.5	44.63	220	173
D Ullapool (Semardon)	J. R. Matheson, Esq. ..	5	1	0	50	...	38.50	210	168
D Strath Kanaird (Power Station) ..	N. of S. Hydro-Electric Bd.	5	0	9	45	...	41.62	208	171
8.—LOCH EWE, LOCH TORRIDON & C. 423 sq. mi.									
d Loch Torridon (Torridon House) ..	Capt. R. G. Gunter ..	5	1	0	25	...	56.95	...	...
D KINLOCHEWE (Anancaun)	Nature Conservancy ..	5	1	0	82	...	62.82	222	188
Loch Maree (Grudie Bridge)	Nature Conservancy ..	5	1	0	60	...	53.54	...	...
D Loch Bad-na-Sgalaig	N. of S. Hydro-Electric Bd.	5	1	0	500	...	53.11	260	204
D Gairloch (Badachro)	N. of S. Hydro-Electric Bd.	5	1	0	50	...	43.75	213	178
D Inverasdale (Midtown)	Alex. J. MacLeod, Esq. ..	5	1	0	40	...	49.00	189	165
9.—LOCH CARRON, LOCH ALSH & C. 401 sq. mi.									
D Loch Duich (Ratagan)	Forestry Commission ..	5	1	0	12	82.3	65.69	197	176
M Loch Duich (Druim Sgurr)	Forestry Commission ..	5	1	0	1000	81.2	65.56	...	...
D Loch Alsh (Nostie)	N. of S. Hydro-Electric Bd.	5	1	0	25	...	55.21	219	184
D BALMACARA HOUSE	Principal	5	1	0	2	...	50.50	232	181
D Stromeferry (Dailfearn)	Forestry Commission ..	5	0	8	100	...	53.04	204	180
M Stromeferry (Am Meallan)	Forestry Commission ..	5	1	3	625	...	60.05	...	...
D Lochcarron	R. MacLean, Esq. ..	5	1	0	5	...	59.89	219	180
D Applecross (Camusteel)	K. MacRae, Esq. ..	5	1	0	2	...	47.39	226	188
D ACHNASHELLACH	Forestry Commission ..	5	1	0	225	79.9	73.53	239	205
10.—INSULAR. OUTER HEBRIDES. 691 sq. mi.									
D §STORNOWAY Airport	(+A) Meteorological Office ..	5	1	0	11	41.5	34.50	227	166
D Stornoway (Back Schoolhouse) ..	A. Matheson, Esq., B.Sc. ..	5	1	0	102	...	35.85	224	172

DIVISION XIX—NORTHERN COUNTIES

SUTHERLAND. (Area, 2,080 sq. mi.)

1.—DORNOCH FIRTH. 413 sq. mi.									
D Dornoch (Ospisdale)	F. N. Sudlow, Esq. ..	8	1	2	50	...	27.36	205	138
D Strath Oyckell (Rosehall)	Mr. A. Munro	5	1	0	200	36.8	31.89	207	146
D Glenrossal	Lt.-Col. P. C. H. Grant ..	5	1	0	130	...	38.36	227	157
D Glen Cassley (Dalphaid)	N. of S. Hydro-Electric Bd.	5	1	0	352	...	48.65	...	...
D Laig (Crask)	Mr. Hugh Murray	5	1	0	740	...	43.85	245	189
2.—FLEET, BRORA & C. 309 sq. mi.									
3.—HELMSDALE & C. 226 sq. mi.									
4.—NORTH COAST STREAMS. 736 sq. mi.									
d Loch Naver (Mudale Altnaharra) ..	N. of S. Hydro-Electric Bd.	5	1	0	296	...	43.34	...	...
D Tongue	D. Murray, Esq.	5	1	0	40	41.5	35.45	221	172
D STRATHY (Bowside)	Department of Agriculture	5	1	0	125	...	36.24	234	176
d Melvich School	W. Macdonald, Esq. ..	5	1	0	200	...	29.37	...	...
D CAPE WRATH	Principal Keeper, for M.O.	5	1	0	367	41.3	40.34	240	188
5.—LOCH LAXFORD & C. 256 sq. mi.									

§ Turf wall round gauge.

DIVISION XIX—NORTHERN COUNTIES—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with .01 in. or more	Days with .04 in. or more
		in.	ft.	in.	ft.	in.	in.		
SUTHERLAND—(contd.)									
6.—ENARD BAY. 138 sq. mi.									
d Elphin .. .. .	.. .. . Capt. H. MacLeod ..	5	1	2	750	61.4	50.26	...	...
D Lochinver (Bank House) .. ..	.. .. G. W. Gordon, Esq., J.P. ..	5	1	0	22	44.6	40.17	210	166
D Stoer .. .. .	.. .. Mr. N. A. Mackenzie ..	5	1	0	70	...	38.09	203	167
7.—INSULAR. 2 sq. mi.									
CAITHNESS. (Area, 696 sq. mi.)									
1.—BERRIEDALE, DUNBEATH & C. 169 sq. mi.									
Berriedale (Langwell) .. .. .	.. .. The Duke of Portland ..	5	1	6	105	33.8	26.97	...	...
Clythness .. .. .	.. .. Com'rs. of N. Lighthouses	5	1	5	133	29.6	28.44	136	120
2.—WICK & C. 184 sq. mi.									
D Wick Airport (+A)	Meteorological Office ..	5	1	0	119	29.9	28.34	212	148
Noss Head .. .. .	.. .. Com'rs. of N. Lighthouses	5	0	9	129	25.1	28.39	192	153
3.—THURSO & C. 238 sq. mi.									
d Halkirk (Westerdale) .. .. .	.. .. Rev. A. S. Maciver ..	5	1	0	195	...	35.97	...	...
D Loch Calder (Achavarn Lodge) ..	.. .. County Water Engineer ..	5	1	0	218	...	37.68	209	158
D Thurso (Buckies) .. .. .	.. .. Miss J. W. Davidson ..	5	0	11	240	39.0	32.01	217	171
Thurso (Holburn Head) .. .. .	.. .. Com'rs. of N. Lighthouses	5	0	8	68	...	33.04	195	152
4.—FORSS & C. 104 sq. mi.									
5.—INSULAR. 1 sq. mi.									
ORKNEY ISLANDS. (Area, 389 sq. mi.)									
Hoy (Cantick Head) .. .. .	.. .. Com'rs. of N. Lighthouses	5	3	10	68	32.9	28.75	176	126
Hoy (Graemsay Sound, High) .. ..	.. .. Com'rs. of N. Lighthouses	5	1	4	29	35.8	29.88	176	144
D § GRIMSETTER Airport (+A)	Meteorological Office ..	5	1	0	84	...	35.29	236	168
D Stenness .. .. .	.. .. Mr. P. Leith, Jr. ..	5	1	0	75	...	37.79	247	182
Hellyar Holm .. .. .	.. .. Com'rs. of N. Lighthouses	5	1	3	35	32.9	28.25	195	142
Shapinsay (Balfour Castle) .. ..	.. .. Mr. J. W. Liddell ..	5	0	5	50	32.0	26.82	...	...
Sanday (Start Point) .. .. .	.. .. Com'rs. of N. Lighthouses	5	1	0	27	31.1	30.46	213	171
North Ronaldshay .. .. .	.. .. Com'rs. of N. Lighthouses	5	0	9	22	32.8	28.68	174	147
D SULE SKERRY .. .. .	.. .. Principal Keeper, for M.O.	5	1	0	43	...	34.94	247	178
SHETLAND ISLANDS. (Area, 558 sq. mi.)									
d Sandwick .. .. .	.. .. Zetland County Council ..	5	1	0	400	...	35.10	...	...
D Burra Isle .. .. .	.. .. Zetland County Council ..	5	1	0	100	...	30.93	209	154
D LERWICK OBSERVATORY (+A)	Meteorological Office ..	5	1	0	269	38.1	32.12	225	162
D Bixter (Vementry) .. .. .	.. .. Capt. D. Cross ..	5	1	1	25	37.2	29.68	222	161
D Whalsey (Saltness) .. .. .	.. .. Zetland County Council ..	5	1	0	250	...	29.57	235	167

Northern Ireland

FERMANAGH. (Area, 713 sq. mi.)

1.—ERNE. 667 sq. mi.									
D Newtownbutler (Crom Castle) ..	.. .. The Earl of Erne ..	5	1	0	200	38.7	35.30	228	150
D Florencecourt .. .. .	.. .. The Earl of Enniskillen ..	5	1	0	274	...	42.20	190	143
D Enniskillen (Bellevue) .. .. .	.. .. Lady Margaret Lowry-Corry	5	1	0	210	...	35.74	234	144
D Colebrooke .. .. .	.. .. Sir Basil Brooke, Bart. ..	5	1	0	250	...	36.77	185	148
Ballinamallard (Rosfad) .. .. .	.. .. Lt.-Col. H. S. C. Richardson	5	0	11	200	...	36.55	...	...
d Belleek (Roscor) .. .. .	.. .. Mrs. M. K. Dick, for M.O.	5	1	0	500	...	43.20	221	177

§ Turf wall round gauge.

NORTHERN IRELAND—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim above	Ground	above Sea Level			·01 in. or more	·04 in. or more
FERMANAGH—(contd.)		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>in.</i>		
1.—ERNE—(contd.)									
D Belleek	Mrs. Beacom	5	1	2	150	...	40·26	205	173
D Irvinestown (R.U.C.)	Sergeant in Charge* ..	5	1	0	303	...	35·90	209	160
D CASTLE ARCHDALE Airfield ..	(+A) Meteorological Office ..	5	1	0	240	...	37·01	201	154
2.—DROWES & C. 46 sq. mi.									
ARMAGH. (Area, 514 sq. mi.)									
1.—DUNDALK BAY. 118 sq. mi.									
2.—CARLINGFORD LOUGH. 23 sq. mi.									
D Bessbrook (The Woodhouse) ..	J. S. W. Richardson, Esq.	5	1	0	260	...	36·28	188	137
3.—BANN. Lough Neagh, East. 37 sq. mi.									
4.—BANN. UPPER. 144 sq. mi.									
D Markethill (Whitecross)	R.U.C. Barracks*	5	1	0	400	...	36·32	177	135
5.—BANN. Lough Neagh, West. 192 sq. mi.									
D Tynan Abbey	Sir Norman Stronge, Bart.	5	1	0	167	...	30·31	175	142
D ARMAGH Observatory	(+A) Director of Obsy., for M.O.	5	1	0	205	31·7	32·03	185	143
d Richhill (Sandymount)	Mrs. C. B. Lamb	5	1	6	200	...	31·25	169	133
DOWN. (Area, 961 sq. mi.)									
1.—CARLINGFORD LOUGH. 104 sq. mi.									
D Rostrevor (Baymont)	Canon T. F. Campbell ..	5	1	0	100	...	34·70	197	147
D Newry (Bridge Street House) ..	C. Blaney, Esq.	5	1	0	23	38·1	35·22	167	134
2.—DUNDRUM BAY & C. 173 sq. mi.									
D KILKEEL (Coastguard Station) ..	Station Officer, for M.O. ..	5	1	0	59	...	30·22	186	137
D Silent Valley (Belfast Waterworks) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	457	...	47·02	190	151
D Annalong (Belfast Waterworks) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	435	...	44·81	181	148
M Mourne Mount'ns (Slieve Lamagan) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	1320	...	59·65	...	...
M Mourne Mount'ns (Lough Shannagh) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	1280	65·6	59·90	...	...
M Mourne Mount'ns (Slieve Bearnagh) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	1954	...	55·30	...	...
D Seaforde	Lt.-Col. D. C. Forde ..	8	1	0	180	38·3	38·78	133	124
3.—STRANGFORD LOUGH. 260 sq. mi.									
d Lough Cowey (Waterworks)	H. S. L. Knight, Esq., C.E.	5	1	0	45	...	29·59	...	...
D DUNDONALD (Heatherdene)	W. R. McKibbin, Esq. ..	5	1	0	97	...	36·70	175	143
4.—COAST STREAMS. 47 sq. mi.									
D Ballywalter Park	Lord Dunleath	5	1	0	50	...	33·47	203	137
D Donaghadee (Orlock Reservoir) ..	Resident Engineer	5	1	0	23	...	29·44	172	122
5.—BELFAST LOUGH. 206 sq. mi.									
D Dromara	Govt. of Northern Ireland ..	5	1	0	400	...	36·90	191	146
M Annaghanoon	Late W. J. Gibson, Esq. ..	5	1	0	200	...	32·87	...	...
D Waringstown (The Forge)	Late W. J. Gibson, Esq. ..	5	1	0	184	32·2	29·95	195	133
D HILLSBOROUGH (Ag. Research Inst.) ..	Secretary	5	1	0	388	...	32·86	187	132
D Hillsborough (Lisadian)	W. J. McCann, Esq. ..	8	1	0	217	...	32·75	197	138
D Dundonald (Moyard)	Dr. F. G. L. Barnes ..	5	1	0	200	...	35·05	171	133

* Per Govt. of Northern Ireland.

NORTHERN IRELAND—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in. or more	·04 in. or more
					Sea Level				
		in.	ft.	in.	ft.	in.	in.		
DOWN—(contd.)									
5.—BELFAST LOUGH—(contd.)									
D Knock (Ormiston Drive)	W. R. Carmody, Esq. ..	5	1	0	100	...	37·28	189	130
D Conlig Reservoir	Bangor Borough Council ..	5	2	6	213	...	35·11	184	128
D Ballysallagh Reservoir	Bangor Borough Council ..	5	2	6	245	...	38·59	176	143
D HOLYWOOD (Waterworks)	Town Surveyor	5	1	0	346	...	38·39	168	134
D Bangor (Garth House School) ..	Miss E. N. Swanson ..	5	1	3	120	...	34·95	170	129
6.—BANN. Lough Neagh East. 7 sq. mi.									
7.—BANN. UPPER. 162 sq. mi.									
d Banbridge	Town Surveyor	5	0	6	252	...	32·05	...	...
8.—INSULAR. 2 sq. mi.									
ANTRIM. (Area, 1,193 sq. mi.)									
1.—BELFAST LOUGH. 107 sq. mi.									
D Dunmurry (Lagmore)	R. E. D. Bain, Esq., B.A. ..	5	1	0	385	...	40·52	201	170
D BELFAST (QUEEN'S UNIVERSITY) ..	Secretary	5	1	0	57	34·5	35·80	182	141
d Belfast (Sewage Works)	City Surveyor	8	1	0	26	...	37·07	181	136
D Belfast (Oldpark Filters)	R. E. D. Bain, Esq., B.A. ..	5	1	0	203	...	41·22	185	146
D Carrickfergus (Dorisland)	R. E. D. Bain, Esq., B.A. ..	5	1	0	271	...	41·29	213	151
D Carrickfergus (Knockagh)	R. E. D. Bain, Esq., B.A. ..	5	1	0	723	...	44·25	213	159
D Carrickfergus (South Woodburn) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	640	...	44·49	214	156
D Carrickfergus (North Woodburn) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	735	...	46·39	210	155
D Carrickfergus (Copeland)	R. E. D. Bain, Esq., B.A. ..	5	1	0	427	...	42·39	200	151
D Carrickfergus (Lough Mourne) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	596	...	44·99	214	157
2.—GLENARM & C. 186 sq. mi.									
D Larne (Ballycarry)	John McClintock, Esq. ..	5	1	0	210	...	38·73	173	133
D Larne (Sallagh Springs)	H. C. Walker, Esq. ..	5	1	0	566	...	48·95	198	157
3.—BUSH & C. 193 sq. mi.									
D Ballycastle (Coolgreany)	E. R. Casement, Esq. ..	5	1	0	90	...	33·60	194	161
4.—BANN. LOWER. 112 sq. mi.									
D Toomebridge	M. of Finance Lock Keeper*	5	1	0	59	...	29·90	168	134
5.—BANN. Lough Neagh, East. 590 sq. mi.									
D Stoneyford (Belfast Waterworks) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	453	...	37·63	199	162
D Leathamstown (Belfast Waterworks) ..	R. E. D. Bain, Esq., B.A. ..	5	1	0	534	...	36·43	204	155
D NUTTS CORNER (Belfast Airport) ..	Meteorological Office ..	5	1	0	338	...	35·93	178	141
D ALDERGROVE Airfield (+A)	Meteorological Office ..	5	1	0	220	33·0	32·77	177	141
D Randalstown	Old Bleach Linen Co. Ltd. ..	5	1	0	100	...	36·36	197	141
w Ballyclare (Little Ardymagh)	F. G. Johnston, Esq. ..	5	0	10	741	...	43·42	...	...
D Ballymena (Harryville)	R. Leatham, Esq. ..	5	1	0	150	41·5	34·46	191	142
D Broughshane (Quolie)	H. W. Craig, Esq., C.E. ..	5	1	6	864	...	45·92	230	177
6.—INSULAR. 5 sq. mi.									
LONDONDERRY. (Area, 816 sq. mi.)									
1.—LOUGH SWILLY. 6 sq. mi.									
2.—BUSH & C. 9 sq. mi.									

* Per Govt. of Northern Ireland.

|| Gauge over-exposed.

NORTHERN IRELAND—(contd.)

STATIONS	AUTHORITIES	Rain-gauge				Average Rain-fall	1955		
		Diam.	Height of		Ground		Rain-fall	Days with	Days with
			Rim	above	above			·01 in. or more	·04 in. or more
			Ground	Sea Level					
LONDONDERRY—(contd.)		<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>ft.</i>	<i>in.</i>	<i>in.</i>		
3.—BANN. LOWER. 240 sq. mi.									
D Upperlands (Ardara)	H. J. Clark, Esq.	5	2	0	250	...	38·43	231	160
D GARVAGH (MONEYDIG)	J. Porter, Esq.	5	1	0	121	38·8	34·84	209	162
D Coleraine (The Cutts)	M. of Finance Lock Keeper*	5	1	0	22	37·5	33·26	206	156
D Coleraine (Ingledene)	W. R. Johnston, Esq. ..	5	3	4	55	36·9	34·72	208	152
4.—BANN. Lough Neagh, West. 196 sq. mi.									
D Draperstown (Ard Muiri)	James Gunn, Esq.* ..	5	1	0	267	...	43·14	208	151
5.—FOYLE & C. 365 sq. mi.									
M Glenedra (Spelhoagh Mountain) ..	Londonderry C.B.C. ..	5	1	0	1333	...	53·90	...	...
M Glenedra Hill	Londonderry C.B.C. ..	5	1	0	1333	...	52·27	...	...
M Glenedra Lodge	Londonderry C.B.C. ..	5	1	0	950	57·0	50·74	...	...
M ||Glenedra (Altagarran Mountain) ..	Londonderry C.B.C. ..	5	1	0	1230	...	48·64	...	...
M Dungiven (Labbyheige)	Londonderry C.B.C. ..	5	1	0	1150	...	52·05	...	...
M Altnaheglish (Altabrogy Burn) ..	Londonderry C.B.C. ..	5	1	0	967	...	47·32	...	...
M Glenedra Intake	Londonderry C.B.C. ..	5	1	0	740	...	44·61	...	...
M Altnaheglish (Glack Burn)	Londonderry C.B.C. ..	5	1	0	967	...	45·85	...	...
D Dungiven (Banagher Filters)	Londonderry C.B.C. ..	5	1	0	373	...	44·53	235	170
D Dungiven (Grianan)	A. E. Bunn, Esq.* ..	5	1	0	330	...	35·78	217	156
D Londonderry (Creggan Reservoir) ..	City Surveyor	5	1	0	325	41·8	34·89	221	168
D Limavady (Drenagh)	Lt.-Col. C. R. McCausland	5	1	6	80	37·0	33·54	213	179
TYRONE. (Area, 1,257 sq. mi.)									
1.—ERNE. 46 sq. mi.									
2.—BANN. Lough Neagh, East. 442 sq. mi.									
D Dungannon (Aloha)	Major R. Stevenson ..	5	1	0	275	...	35·35	201	151
D Castlecaulfield (Parkanaur)	Major Y. A. Burges ..	8	0	6	250	...	36·38	202	148
D Cookstown (Loughery Agric. College)	J. A. Young, Esq.* ..	5	1	0	208	41·3	34·22	189	139
3.—FOYLE. 769 sq. mi.									
D Omagh (Edenfel)	Mrs. F. M. Hammond Smith	8	1	0	280	40·1	36·03	204	161
D Newtown Stewart (Baronscourt) ..	Estate Manager	5	1	0	250	...	34·36	226	185
d Gortin (Beltrim School)	H. C. Willis, Esq.* ..	5	1	0	393	...	40·52	189	162
d Sion Mills (Sion House)	Capt. J. C. Herdman ..	5	1	0	100	39·1	33·91	...	165

* Per Govt. of Northern Ireland.

|| Gauge over-exposed on moor.

BRITISH RAINFALL 1955

PART III

SNOWFALL IN GREAT BRITAIN DURING THE DECADE 1946-55

BY L. C. W. BONACINA, F.R.MET.S.

This fourth descriptive account of snowfall in the British Isles and third decennial supplement, presented at the age of 73, is likely enough to be my last, but should it be given to me to write not only one but even two more, the series will have covered a hundred years from 1875.

This report follows the general pattern of the previous three published in *British Rainfall* 1927, 1936 and 1948, slightly varied in each case as circumstances suggested. The seasons classed as "snowy", numbered in bold type, are those in which widespread heavy snowfalls

were a prominent feature of the weather; those ranked as "ordinary", left in roman type, in which widespread snowfalls were not more conspicuous than usual; and those judged to be "snowless" or "snow-free", printed in italics, in which the snowfalls were mostly of minor, localized character. The analysis has inevitably been limited to Great Britain.

The months named after the year-dates stood out conspicuously in the winter's snowfall, either absolutely in the case of the period November to March or relatively to the season of the year at other times.

SECTION I—CHRONICLE OF CHIEF EVENTS

1945-46 February, March

This was a snow-free season within the terms of reference above. Following a warm autumn, early in which the semi-permanent snow beds of Ben Nevis were said to have completely vanished, there were no important snowfalls over the country till the early spring. Then between February 20 and March 17 snow fell more or less extensively from northern Scotland to southern England. On the first-named date deep drifts blocked main roads in north-east Scotland, and level snow lay 18 inches deep at Braemar in the valley of the Dee in Aberdeenshire. In the south the London area had a 4-inch snowfall on February 26 and another on March 2 when heavy snow in Kent isolated villages. Evi-

dently on this occasion south-east England came within the sphere of a continental snowstorm which deposited as much as 20 inches in Paris.

1946-47 December, January, February, March

By general consent this was the snowiest winter so far experienced during the present century and probably since 1814, though it should be remembered that most of the nineteenth century, when records were much more fragmentary than now, is already well behind living memory.

The big snowfalls were preceded by preliminary falls in December and early January. In Scotland much snow fell in the second half

of December blocking many roads, while in southern England a considerable fall occurred around the 19th as far west as Cornwall, Dartmoor being thickly covered. In the first week of January snow came again to many parts including the London area, but in the middle of the month there supervened a very mild spell with balmy west winds and charming winter cloudscapes. This delightful interlude was, however, terminated on January 22 when the great frost and long snowy spell set in, to last till March 17. During this period when large parts of the country were continuously under snow a vast bulwark of high pressure, sometimes extending from Siberia to Greenland, caused persistent east winds over Britain associated with depressions which often took a south-easterly course towards the Mediterranean. The accompanying snowfalls were so frequent, heavy and protracted that it was difficult to keep track of the various storms, but a few of the events call for mention.

A widespread blizzard on January 28 and 29 brought deep snow first of all to south-west England where even the Scilly Isles had a covering of 7 inches. All the coastal combes in Devon and Cornwall which usually escape the snow which falls further inland were, as I was later personally informed, filled with snow a foot or more deep down to the surf line, and many of them were sealed off for a week or more by huge drifts forming at their heads.

Following a transient thaw in the south with rain, an outstanding snowstorm affected the south Midlands and East Anglia on February 7; but the worst of the February storms ranged over the northern half of England and Wales and the eastern half of Scotland on the 25th and 27th. Yet the culminating blizzard was reserved for March. After a few days of bright frosty weather with suspension of the gloomy east wind, warmer Atlantic air on March 4 brought heavy rain to south-west England but in some localities an ice-storm due to freezing of the rain did damage for the second time in a month, though less widely

than in January 1940. The ice-storm in the south-west was, as often the case, marginal to an intense snowstorm eastward of the warmer air. It seemed that the depression bringing the warmer air would advance across the country to occasion a complete thaw, but instead the very cold air over the land acted as a buffer forcing the warm moist current aloft—so resulting in the most furious snowstorm of the winter. This early March blizzard was most intense in Wales, the Midlands and the north of England but it stretched out sufficiently to the south-east to smother the compact ice left on London's footways from previous snowfalls with a fresh layer of 6 inches. Northward in the main area of the storm another foot or more of snow was added to the already great depth lying on the ground, bringing the accumulated depth in some upland areas to nearly 5 feet. Actually a precise measurement of 60 inches or 5 feet was made at Clawdd-newydd, Denbighshire, at 998 feet above sea-level, on the morning of March 6. General dislocation of traffic by road and rail followed the blizzard, and numerous Midland and East Anglian villages, isolated by 30-foot drifts whipped up by the fierce east wind, had to be supplied by aircraft.

During the long succession of snowstorms, drifting was naturally particularly heavy in the Wolds of Yorkshire and Lincolnshire immediately facing, as they did, the bitter snow blasts from the North Sea. Mr. P. C. Spink, F.R.Met.S., of Ulceby, Lincolnshire, tells me that the roads formed receptacles for the clouds of powdery snow which were blown off the fields and filled them up to the hedge tops and almost to the telegraph wires. Thus whilst the roads were put out of use the fields lost the snow which might have protected the soil from the frost.

Not to mention the mountains, conditions in all the lower hills such as the Downs, Chilterns and Cotswolds were exceedingly difficult all through February. I know farms up on the Blackdown Hills north of Honiton along the border of Devon and Somerset

which had no postal delivery for a fortnight or more.

Yet another blizzard on March 12 almost as bad as that on the 4th struck the Border country and a large area on either side—the wild Cheviot country which suffered as heavily from the storms of this ferocious winter as any part of Britain.

In the middle of March the general spring thaw came to England and with an exceptionally violent gale on the 17th it let loose disastrous floods in the Fens and other low-lying basins.

But in Scotland, in keeping with that country's more northerly location, the weather remained very rigorous all through March, and much of the country including the Orkneys and Shetlands was under deep snow till the end of the month. Nor had Scotland really seen the last of the snowfalls till after the first week in May, though these were seldom heavy after March. Nevertheless it is a curious fact that the western seaboard of Scotland with the Hebrides had little snow or precipitation of any kind all through the cold period—an immunity presumably in some way connected with the south-easterly course taken by so many of the depressions across the British Isles.

The snowfall of February, 1947, unprecedented for a very long period, was perhaps, at the lower levels more accentuated in England and Wales than in Scotland. It may be recalled that the snowfall accompanied an average degree of cold about equal to that of February, 1895, with, however, lower day maxima and higher night minima owing to the obstinately overcast sky. For a few days in mid-February ice-floes of fair size were seen in the North Sea drifting from the Dutch towards the English coast. At the close of the month the shores of the Thames estuary and the Essex tidal creeks were fast bound with pack-ice. I learned that even in the west the various Devonshire river estuaries were laden with ice from the upper reaches as they had been in 1945 and 1940.

As happened after certain other cold

snowy winters such as 1895, 1917 and 1940, the late spring of 1947 proved warm, and in fact the spell of intense humid heat at the close of May and opening of June was one of the most persistent ever recorded in England. (*Weather*, June 1947.) And as if further to emphasize the continental turn of British weather in 1947 the heat of August came with an east wind as persistent as the cold of February.

Further reference to the snows of this memorable winter on the hills is made in Section IV of this article.

1947-48 November, January, February,
April, May

This may be classed as an ordinary season. Although the snowfall was light compared with the previous year it had interesting features and was spread over a longer period than in 1946-47. In November there was decidedly more snow than in 1946. It came in two cold spells from 13th to 19th and from 23rd to the end of the month. The fairly widespread, if patchy, November snowfalls were not confined to northern districts, being rather heavy in East Anglia and notably so in South Wales and the Exmoor district. December was very mild and the only considerable snowfall occurred in Scotland at the end of the month.

In January cyclonic systems from the Atlantic frequently crossed the British Isles in a manner causing the north to be invaded by streams of polar air which did not penetrate to the south. This resulted in an unusually steep thermal gradient from south to north with rapid increase in the incidence of snow which fell on most days in Scotland though not heavily except at the higher levels.

February was also interesting in another way. During the first half of the month conditions in Scotland resembled those in January; but during the second half an anti-cyclone developed over that country leaving England open to the passage of troughs of low pressure producing snow in association with what might be described as an overflow

of intensely cold continental air. Hence the south-eastern counties including London had the most severe weather. The storm of February 20 brought 12 inches of snow to many parts of Kent, Surrey and Sussex, with heavy drifting, and was said to rival any of the storms experienced in 1947. It was accompanied by day maxima little above 20° F., and by night minima, after the sky cleared, well below 10° F. in several localities. In the more western parts of England there was much less snow except on the higher ground, but that it did spread very far west is shown by a measurement of 2 inches at St. Mary's, Scilly Isles—in comparison with 7 inches in 1947.

March, a pleasantly genial month, was virtually snow-free at low levels, and the general absence of snow was often commented upon, especially in the north. But as might have been expected, the snow was only delayed till April, when it fell rather widely, even in the south. Nor did the bleaker parts of the country see the last of it till the end of May.

1948-49 December, January, March

If 1946-47 was the snowiest winter of the decade so was 1948-49 the least snowy. It was, in fact, quite a featureless season. In October upland snowfalls below 2,000 feet were more common than in many autumns but no definite snowfall occurred at lower levels till late December and early January, and even then it was confined to the western side of Britain as far south as Devon. The most widespread snowfalls were delayed till early March but in the south these were slight, London experiencing the one transient snow-cover of the winter. In April nothing of note occurred except fairly frequent snow showers.

1949-50 December, January, February, April

Another winter of rather light snowfall but with so much more character than the previous season that it seems best to consider it as one of ordinary British experience.

In the second week of December northerly blizzards deposited 12 inches of snow in various parts of Scotland, northern England and Wales. Late in January a very severe snowstorm swept the Borders, 8 inches coming down within three hours in the Lake District. The northern parts of the country continued to have very snowy weather in early February, with heavy accumulations above 2,000 feet.

As often happens April abundantly made up for lack of snow in March. Its first three weeks were more or less snowy in elevated country in the north, but the fourth week was characterized by a remarkable snowstorm in the south. A depression forming in polar air on the night of April 25 gave considerable snowfall to the Welsh uplands and in moving eastward generated a severe snowstorm in south-east England. The depth of snow varied between 6 and 18 inches over a somewhat narrow and irregular tract of country in Wiltshire, north Hampshire, south Berkshire, Surrey and north Kent. The weight of the snow, which was moist and sticky, brought down over a thousand telegraph poles, causing much hindrance to traffic, and did extensive damage to trees, notably in the orchards then in full blossom. London was curiously affected by this singularly erratic spring snowstorm, for while the southern outskirts were literally in the thick of it the northern escaped with a light flurry. Only on two other occasions this century, namely in 1919 and 1908, has southern England experienced a comparable snowstorm during the last week in April. (*British Rainfall* 1927.)

1950-51 October to May

This was a decidedly snowy season of long duration. Although some months brought substantial snowfall in southern districts, the distinguishing feature of the season was the heavy snowfall at high levels in northern districts, especially in Scotland where, indeed, the mountain snowfall was altogether excessive. Grampian farmers reported that their precincts were never free from snow from

late October to late May, a considerably longer period than in the famous winter of 1946-47. Thus the little town of Dalwhinnie at slightly over 1,000 feet in south-east Inverness-shire had snow lying on 102 days in 1950-51 as against only 83 in 1946-47.

This, however, was not the case southward of these northern mountains, for there snow lay for longer periods in the earlier season. But everywhere this winter there was a marked disproportionality between lowland and highland snowfall, particularly in February, when cold air from Greenland became warmed up sufficiently in flowing over the sea for the snow to turn to cold rain near sea-level.

The autumn months were all cold and wet with bleak north-west winds. Late in September Ben Nevis and other Scottish peaks received their first dusting of snow, and in October and November there were frequent mountain snowfalls with snow showers occasionally advancing towards southern England. In December snow fell copiously at all levels. This was, in fact, generally the snowiest month of the winter and in the south it was the coldest December since 1890 though a good deal less severe than that memorable month.

There was something about these heavy snowfalls of December, 1950 highly suggestive of deep winter. Owing to the absence of much wind they did not take the form of drifting blizzards, as so often in Britain, but of steady downfalls which varied very much in quantity from place to place. Thus whereas London had no thicker cover than 4 inches on December 17, Shanklin received 15 inches in 3½ hours in a fall which just tumbled from the clouds on the 15th.

Early January continued the snowy weather of December everywhere, but after the first week the snowfalls were mostly relegated to the north, being particularly heavy in western Scotland. February was an interesting month, the heavy mountain snowfalls proceeding with renewed intensity. On the 17th a train and several buses were stranded all night in the notoriously desolate Moor of

Rannoch during a blizzard which again struck the west of Scotland. In London, where February was about the wettest on record, phenomenal snowfall was only escaped by a narrow margin, since on some of the very rainy days the temperature was down in the upper thirties. At Hampstead it was often obvious that at no great height above the hill-top the air was thick with whirling snowflakes though it was seldom that any actually reached the ground.

During the spring months the bleak weather was maintained with blizzards from time to time over the northern mountains and snow showers over the southern lowlands. Late in March elevated ground in the south-west, like Exmoor, Dartmoor and Bodmin Moor, sustained rather heavy snowfall.

Naturally after such a season the accumulations of snow lingering in the mountains early in the summer were enormous. Thus photographs taken in the middle of May showed snowfields in the ravines and corries of the Cairngorms stated to be as much as 40 feet deep. On Carnedd Llewelyn in the Snowdon range a compact snowdrift present on May 31 was described as 15 feet deep and half a mile long. The general inclemency of this season in the hills is, indeed, grimly reflected in a report from the Westmorland fells of the dead bodies of sheep and lambs being piled up in high heaps to await burial.

As remnants of the great drifts and snowfields were observed to linger till a late date in the summer it is by no means unlikely that a few of them in remote inaccessible spots may have even persisted into the autumn. In that case they might have been reinforced by the next winter's snow and so survived as relics into the spring of 1952. The fact that the semi-permanent snow beds of Ben Nevis and the Cairngorms were considerably swollen in the autumn of 1951 lends credence to this possibility.

Hence we see how easily small glaciers could be restored to the higher British hills if seasons like 1951 became of regular occurrence.

1951-52 January, February, March

This is easily ranked as an ordinary season. The mountain snowfall was again rather copious but nothing like that of the previous year. Little snow, and that confined to the north, occurred before the end of 1951, but January and February were definitely snowy periods. The storm of January 28, the worst of the winter, was widespread over Scotland, northern England and north Wales. It disorganized traffic, and fatalities due to it were reported from Glasgow.

Until the last week March was so mild, almost warm and sultry, that snow seemed far away. Yet on the 25th one of those sudden eruptions of polar air so typical of early spring brought general snow and the chief fall of the winter to some southern districts.

Thus between March 28 and 30 a fierce north-easterly blizzard swept over the south Midlands embracing London, whose northern suburbs had a good 6-inch snow cover. This snowstorm was most intense in the Cotswolds and Chilterns where snow lay some 12 inches deep with 15-foot drifts. Perhaps we may regard the Cotswolds and Chilterns as, in a sense, companion hill-systems, the one formed of oolitic limestone, the other chalk, each with a steep scarp of similar altitude, about 50 miles apart, facing west and a long "dip" slope eastward. Hence it seems likely that on this occasion the snowfall was intensified by orographic uplift as the snow-laden winds swept up the long slopes of the hills open to the east.

Incidentally it must be this orographic factor which habitually contributes to the severity of the blinding blizzards which ride with such terrific force up the long slanting eastern slopes of the northern Pennines behind Crossfell Edge.

1952-53 September, November, January,
February, April

Another ordinary winter so far as the general amount of snow is concerned though it had, of course, its own distinctive features, particularly the snowy November. Following on the thunderstorms of August with the terrible

Exmoor cataclysm on the 15th, September came in exceptionally cold so that even in the south evening fires were a sheer necessity, not just a comfort as commonly in this month. Inevitably, therefore, the first mountain snow-covers were more in evidence than usual, appearing at 4,000 feet at the very beginning of the month and later at 1,000 feet in Ross and Cromarty. October continued cold but snowfall was not remarkable, even for mid-autumn. November, bringing the cold of this autumn to a climax, was, relatively to the earliness of the season, if not perhaps absolutely quite so snowy as February, the snowiest month of the winter. In the second half of the month there was heavier and more frequent snow, at least in England, than in any November since 1919—the month of extreme cold in Scotland. In central Wales and the south Midlands the snow lay often more than a foot deep in hilly districts, with drifts up to 30 feet, at the end of the month. On the northern heights of London snow fell on many days without, however, forming a thick cover, whereas not far away in the Chilterns roads were heavily blocked by snow which lay long.

December, too, the month of the great London fog, was rather snowy, especially about the third week, when there was much snow in western Scotland, including the Hebrides, north-west England and north Wales. In January, though the weather was cold, little snow fell, but the violent north-west gale and North Sea storm flood at the end, costing some 1,500 human lives in England and the Low Countries together, ushered in a markedly snowy spell during the first half of February. Taking the country as a whole, this brought more snow than the second half of November. In the second week of February an intense snowstorm swept northern England and north Wales, and very heavy drifting occurred in the Peak district of Derbyshire.

But after mid-February the weather turned so unusually warm that the snow melted rapidly even well up in the mountains. Thus it was reported that the snow-line on Ben

Nevis rose to the average June level. During the quiet dry anticyclonic March snow was virtually absent, but during April it fell frequently on elevated ground in the north.

1953-54 January, February, March

This was yet another season with little out of the ordinary, though the monthly distribution of the snowfall was quite the opposite of that of the previous winter. In 1952-53 most of the snow came before the New Year; in 1953-54 noteworthy snowfall was confined to the early months of the year. From time to time in these months heavy snowfalls with much drifting occurred over the higher ground in the more northern parts of the country, notably around January 25, February 10 and March 1. In the hilly country of the Welsh border about a foot of snow was commonly lying at the end of January. In the south of England the spell of intense continental cold, with temperature continuously below the freezing point in many places between January 29 and February 7, was accompanied by snowfall only locally heavy. Thus whilst Kent and Dorset both experienced falls with deep drifts whipped up by the strong north-east wind, the London district escaped with passing flurries of dry snow which even on the higher ground of Hampstead Heath never left as much as an inch. But as March entered there followed a drifting snowstorm described as the worst of the winter in north-west England and north Wales. About this time Devon and Cornwall also had more snow than at any time in the winter, and so likewise did the London area with 3 inches at Hampstead.

In April, snow showers fell frequently up and down the country, and as late as the evening of May 2 snow fell thickly on the Chiltern Hills and on Dunstable Downs.

1954-55 December, January, February, March, May

This comes next to the winter of 1946-47 as the snowiest of the decade over Britain as a whole. In England, Wales and most of Scotland this season's snowfall was decidedly

less impressive than in the earlier years, but rather more so in the far north of Scotland and perhaps equally so in Cornwall.

There is little to note before December, which was a month of striking meteorological character. Warm, wet and stormy in the south, memorable for the violent thunderstorms and tornadoes which broke out on the 8th, doing much damage in the western suburbs of London and elsewhere, in the north the weather took a colder turn, with much polar wind and snow north of a line from the Severn estuary to the Wash. In the Dee valley, Aberdeenshire, snow was nearly 2 feet deep and all over north-east Scotland many roads were blocked. These preliminary December snowfalls, just ordinary seasonal incidents in themselves, derive more interest as the forerunner of the exciting events of January and, still more, of February.

On the last day of the year the wind shifted to the east in England, and it was not long before light flurries of snow appeared on the east coast. On January 4 with the arrival of a depression at the entrance of the Channel the first heavy drifting snowstorms affected southern England, commencing in Cornwall and spreading eastward and northward. This brought London a good fall of about 6 inches, the most since 1947. A similar depression moving up Channel renewed the snowfall over much the same area giving London another 6 inches fall on the 14th. Incidentally I recall the beauty of the delicate green tint of the sky, such as is often seen after a heavy fall of snow, over and through the branches of the trees on the morning of January 14 in the northern suburbs of London. On the 17th the easterly winds of yet another depression crossing southern England brought a protracted blizzard to Lancashire and Yorkshire—so intense that at Southport 3½ inches of snow fell in less than an hour.

Meanwhile in the rear of these depressions strong and intensely cold northerly winds were bearing down upon the far north of Scotland straight from the Arctic. They carried a succession of blizzards causing

accumulations of undrifted snow between 1 and 2 feet deep all over Sutherland, Caithness, Orkney and Shetland. As the northerly current was at a temperature below the freezing point the snow lay and drifted as easily on the lower ground of Caithness as on the higher ground of Sutherland, and since, further, it was unstable, the snowfall was intensified by orographic effect on exposed mountain sides in the latter county. In the Orkneys and Shetlands, which inevitably in such conditions suffered as much as the mainland of Scotland, all main roads were blocked by drifts up to 30 feet deep, and snow ploughs were described as useless. In short, conditions became so critical in the middle of January that "Operation Snowdrop" was arranged by the Admiralty and the Royal Air Force for the relief of snow-bound areas in the far north.

On January 21 a thaw with a south-west wind and rain set in, soon clearing the country of most of the snow, but in less than three weeks, on February 8, another cold spell arrived, more intense and prolonged than the first. In the extreme north of Scotland the intensely cold gale-force northerly wind re-established itself. The accompanying snowfall aggravated by minor troughs and small depressions in the polar air-current was even heavier than before in Orkney, Shetland, Sutherland and Caithness and spread more into the counties to the south. Whereas in January the average depth of undrifted snow did not reach 2 feet, in February it exceeded that limit, witness such maximum depths as 26 inches at Elphin, Sutherland, and Glenmore, Inverness-shire, 28 inches at Glenlivet, Banffshire, and 36 inches at Drummuir, Banffshire. The amount of snow, however, in these northern Scottish counties was somewhat irregular because of strong orographic effect in the unstable northerly current of air. Thus at Crask in Sutherland, sheltered from the north wind by the mass of Ben Klibreck (3,100 feet), the innkeeper reported that the snow had given little trouble. Around February 18 the northerly winds moderated in Scotland but a complex shallow depression

brought the whole succession of blizzards to a grand climax in the far north, so that "Operation Snowdrop" was resumed till the end of the month. Further comment will be made on the critical situation in the north of Scotland in Section IV of this article.

In England and Wales snow fell heavily during the latter part of February as winds drew more into the east. On the 19th a particularly severe storm with serious drifting extended along a line from Lancashire through Derbyshire to Norfolk, and on the 23rd another hit Devon and Cornwall. In the latter county where all roads were blocked it was especially violent, but in both counties it was the worst visitation of snow since January 30, 1947. On both occasions conditions in the south-west were likened to the blizzard of March 9, 1891—now beginning to recede from living memory. I do not think myself, however, that either of these snowstorms or any which have occurred in the West Country since 1891 can really compare with the terrible hurricane-blizzard of that year. (*British Rainfall* 1927.)

In the elevated moorlands of the Land's End peninsula the snow lay deep for days after February 23 so that we may fairly say that at the close of the month most of Britain was thickly mantled from Land's End to John O'Groats. In this connection photographs published indicating similar effects of heavy drifting at Wick, Caithness, in the extreme north, and at Camelford, Cornwall, near the extreme south-west are peculiarly fascinating from a geographical and climatological standpoint. (*Meteorological Magazine*, May 1955.) No doubt such scenes are more familiar to the people of Caithness but on occasion lack absolutely nothing of impressiveness in the landscape of Cornwall.

The greater abundance of snow in February than in January 1955 is indicated in published maps showing days of "snow falling" and "snow lying" in Great Britain. The map for February shows much larger tracts of elevated country with over 20 days of snow-cover, enclosing considerable areas with over 25 days. (*Meteorological Magazine*, May 1955.)

The minor snowfalls of March were little more than the aftermath of the great winter storms. Henceforth there is little to note till May 17 when the cold boisterous wet May weather was emphasized by a general snowfall spreading southward. This was remarkably heavy in certain areas like the Pennines and Peak district, and it whitened the ground in several southern counties. In London snow fell for two or three hours late at night with a bitterly cold wind but did not lie even at Hampstead. In the metropolis no such sustained fall of snow had occurred so late in May for something like a century. It should, however, be recalled that on the same date, the 17th, in May, 1935, the countryside throughout Devon and Cornwall "looked like Christmas". (*British Rainfall* 1936.)

The warm sunny weather of April followed by the sustained heat and drought of the later summer must have disposed of large quantities of snow in the mountains. I am indebted to Professor Gordon Manley who journeyed to the north of Scotland early in August, 1955,

for the information that nothing unusual was to be seen at that time on Ben Nevis, the Cairngorms or elsewhere. In any case there were no relics of the winter snowfall in the summer of 1955 comparable with those in 1951. Furthermore, Mr. P. C. Spink found smaller remnants of snow in August, 1955, than in August, 1954. I believe this is partly due to excessive heat in July, 1955, and partly to a larger proportion of the snowfalls of 1953-54 at 4,000 feet occurring with south-west winds. These snowfalls drift heavily into the corries to leeward. (See *Weather*, May, and August, 1956.)

In 1955, as in 1947, it was noticeable that whilst in the north the heaviest snowfalls came mostly during periods of northerly wind, in the south they accompanied more the spells of easterly wind. This seems to accord with general experience that in England the most severe winter weather is of continental origin, in Scotland of polar origin and so liable to come over a longer season.

SECTION II—MAIN FEATURES OF THE DECADE

During the decade five winters have been placed within the category of more or less ordinary experience, three have been classed as snowy and two as snowless within the meaning defined at the outset.

Of the snowy winters, 1946-47 was not only the snowiest of the present century but probably, also, since very far back into the last. The winter of 1950-51 though much less snowy over Britain as a whole even surpassed 1946-47 at high mountain levels in Scotland, where the accumulations lingered till far into the summer. The third of the snowy winters, 1954-55, was generally less snowy than 1946-47 but locally in the far north of Scotland more so and, perhaps, equally so in Cornwall.

Of individual months the intensely cold February of 1947 stands well out for general abundance of snow over Great Britain as a

whole, but March 1947 is hardly less outstanding in Scotland.

The February of 1955 probably comes next to February 1947 as the most generally snowy month but in northern Scotland, part of which escaped the snows of 1947, it comes first. Other conspicuous months are January, 1947, January, 1955, December, 1950, February and March, 1951 at higher levels, and November, 1952 relatively to the season of the year. The prominence of the month of February in this decade, even in the relatively snow-free seasons, is very noticeable. I think that in the British Isles generally February is the most snow-ridden month of the year for amount, frequency and duration of snowfall and there is certainly every theoretical climatic reason why it should be.

The great individual snowstorms of the

decade so often merged into one another as incidents in the snowy periods that it would be tedious to recapitulate them in this summary as they are all described in the Chronicle, Section I. Mention, however, might be made here of three erratic spring snowfalls south of the Border, namely: of late March, 1952,

heaviest in the counties just north of the Thames; of late April 1950, heaviest in the counties just south of the Thames; of mid-May 1955, heaviest in the Pennines and Midlands but chiefly notable for the wide extent of country affected so late in the year.

SECTION III—HILL FARMERS AND THE SNOWS OF 1947

The hard winter of 1946–47 with its tremendous snowfall leading on to the most damaging floods, coming immediately after a bad harvest, was a major disaster for British agriculture. It is calculated that of sheep alone the country lost 4 million, of which 3 million were in the hills, all in that lean post-war period when the effect of such a loss was all the greater. Hill farmers all over the kingdom from the Grampians to Dartmoor, cut off from the outside world for long periods, were often in a desperate plight for food, fuel and fodder; but from what one heard I doubt if conditions were anywhere grimmer than amid the desolate mountains of Wales or in the wild fastnesses of the Cheviot Hills where the repeated snowstorms were exceedingly heavy and prolonged.

Down to the beleaguered farms, hamlets, and villages, the Royal Air Force dropped provisions, and up as close to the homesteads as the gigantic drifts would allow, the Government moved consignments of hay and straw by lorry or train. Generous aid, too, was organized by the Farmers Union from low-land farms, some situated in distant southern counties. What conditions were like in the hills generally is typified in the message of a

Cumberland farmer who said that the wind had not gone down for ten days and that no man could stand out long on the hills.

The whole story first of the snows in the hills then of the floods in the low-lying basins is told in *Black Winter*, an illustrated booklet published in 1947 by the *Farmers Weekly*. Opening his account of the snows by quoting the words of a Devonshire moorland farmer as to how he had read the signs of the coming blizzards a few days before they came in the behaviour of the sheep, the sound of the wind and the look of the sky, the compiler, E. J. Smith, says that these signs were seen with fear all over the hills of Britain—a fear only too well founded. Yet it is here stated that though the losses in livestock were on a scale never before known, the situation in 1947 had one redeeming feature; there was no actual loss of human life though many narrow escapes from death; whereas in other snowy winters of recent times shepherds have perished in the courageous attempt to rescue their sheep when the blizzards swooped down upon the high hills. Maybe many such attempts in 1947 were frustrated at the outset by the very severity of the conditions in this truly fearful winter.

SECTION IV—THE SITUATION IN THE NORTH OF SCOTLAND IN 1955

The fierce blizzards which swept northern Scotland in January and February 1955 were, of course, highly dangerous to wayfarers in wild country where bearings are speedily lost and sufficiently hazardous to travellers by road

and rail. Typical of the difficulties in that region were the experiences of the meteorological observer at Grimsetter, Orkney, who twice during the period was isolated at his station. On both occasions he had to main-

tain and transmit by telephone the hourly observations for some 40 hours unaided and without food or lighting, other than a paraffin lamp, until the relief observer could get through. Yet the critical situation created by these wintry storms was undoubtedly exaggerated. How is it that snowstorms described by experienced local observers as decidedly less violent than several within recollection should have had such unprecedentedly dramatic consequences in calling for relief on a nation-wide scale with offers of help even from Norway?

The explanation is probably this: In Caithness on the low ground near sea-level the snow lay and drifted to an unusual depth and

dwellers may have relied to a greater extent on being able to obtain supplies by road than they would formerly have dared. The fact that no starvation cases were reported may, indeed, be as much a tribute of the foresight of many crofters and farmers in the wilder parts of Sutherland and Ross in having laid up stocks in the autumn as to the efficiency of "Operation Snowdrop" itself where this succour was called for. At any rate I have heard on good authority that many among the crowd of Pressmen who flew to Wick airport found it less easy to clinch hardship cases for the front page than they expected.

SECTION V—SNOW SURVEY OF GREAT BRITAIN

The Snow Survey of Great Britain as a particular organization was first conceived at the Conference of the International Commission of Snow and Glaciers held in Edinburgh in September, 1936, at which I communicated a paper dealing with drifting in severe snowstorms in the British Isles. During the conference Mr. Gordon Manley, now Professor of Geography at Bedford College, London, and myself discussed the advisability of organizing a systematic survey of snowfall over Britain. Soon afterwards Professor Manley with characteristic energy managed to secure the co-operation of a number of observers under the auspices of the newly formed Association for the Study of Snow and Ice, later to become the British Glaciological Society. The Survey, of course, lapsed when war broke out in 1939 but was revived on a wider basis in 1947 under the able directorship

of Messrs. E. L. Hawke and D. L. Champion. After functioning independently for seven years the work of the Survey was taken over by the Meteorological Office in 1954.

The Reports of the Survey which for the seven years 1947–53 appeared in the *Journal of Glaciology*, published by the British Glaciological Society under the editorship of Mr. Gerald Seligman, are based on information supplied by some 120 voluntary observers well distributed over the country, supplemented by data collected by the Meteorological Office. At the several stations data are recorded on cards for height intervals ranging from sea-level to 4,000 feet, and a great feature of the Reports has been statistics of mountain snowfall in England, Scotland and Wales. The survey has made a good start and its value, like that of the larger Rainfall Survey, should continually grow with the number of observers.

SECTION VI—ACKNOWLEDGMENTS AND REFERENCES

In the preparation of this article I have relied basically on the published reports of the Meteorological Office and Snow Survey, together with much miscellaneous material

including articles, newspaper paragraphs, private letters and personal conversations.

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