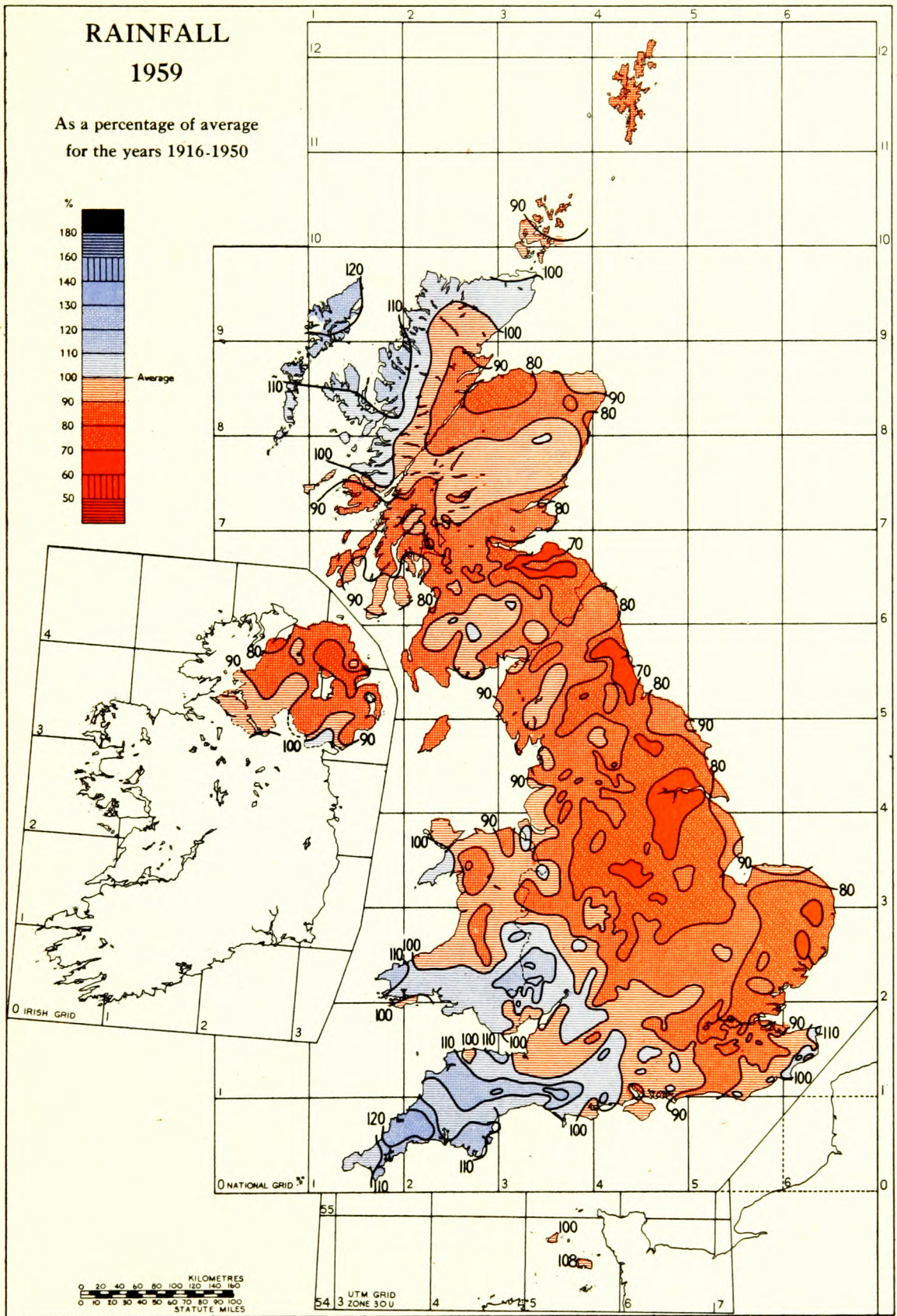
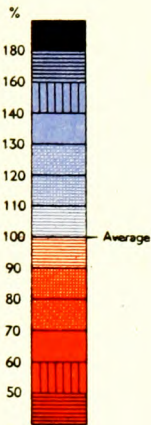


RAINFALL

1959

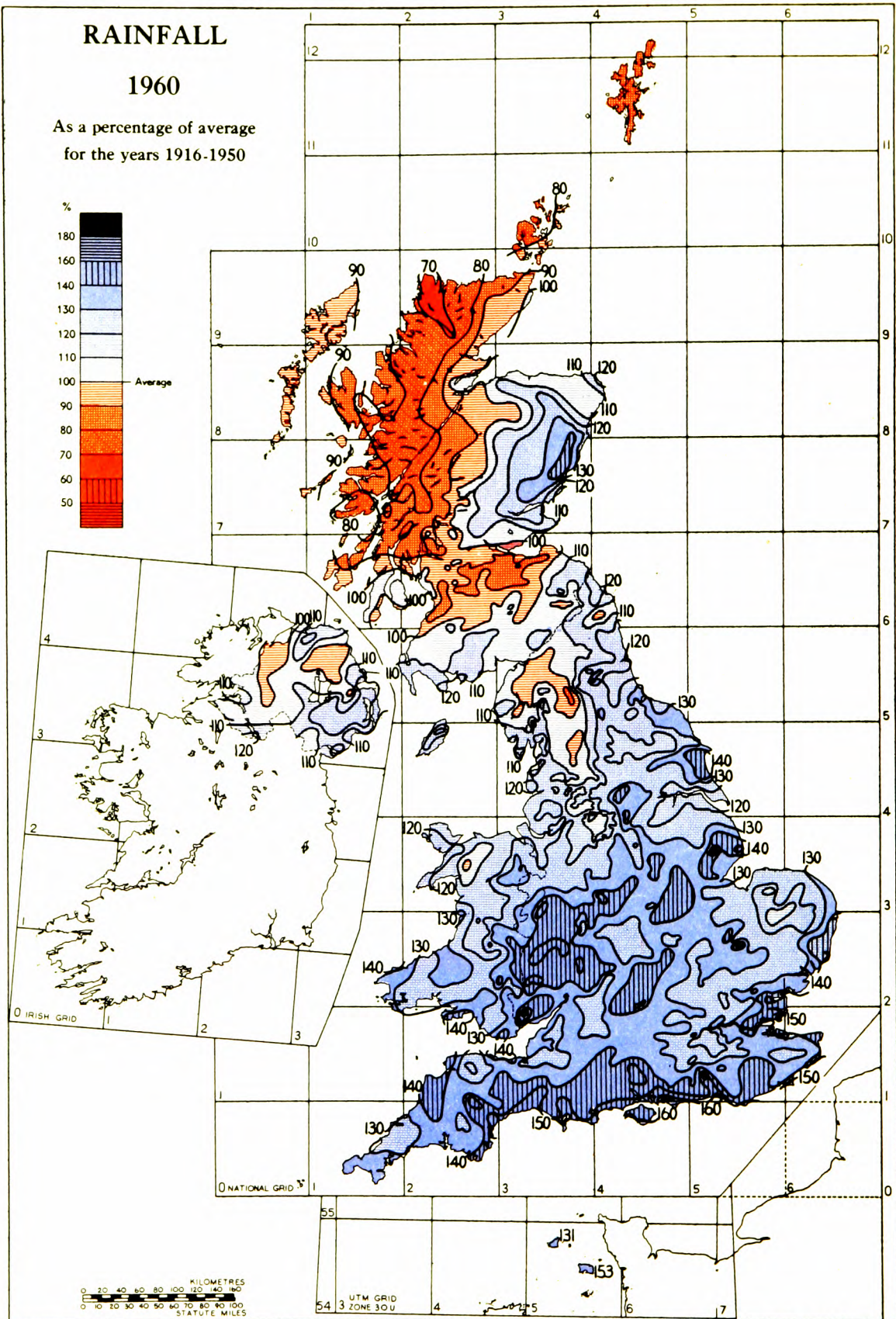
As a percentage of average
for the years 1916-1950



RAINFALL

1960

As a percentage of average
for the years 1916-1950



M.O. 731, 731A

AIR MINISTRY

METEOROLOGICAL OFFICE

BRITISH RAINFALL

1959-1960

THE NINETY-NINTH AND HUNDREDTH ANNUAL VOLUMES

*Report on the
Distribution of Rain*

in space and time over Great Britain
and Northern Ireland during the years 1959-1960
as recorded by about 6,000 observers

WITH MAPS

LONDON

HER MAJESTY'S STATIONERY OFFICE

1963

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BRITISH RAINFALL 1959-1960

PART I

1 Rainfall Work of the Meteorological Office

“BRITISH RAINFALL.” A number of important changes were introduced in *British Rainfall* 1958, with a brief explanation in Part I, Section 1, of that volume. As foreshadowed in the same section, the material for 1959 and 1960 has now been brought together in a combined volume, to speed up the work and prepare for further developments with the data for 1961. The changes made for 1958 have been maintained with only one additional modification, this being in Part II, the General Table. In order that the data for two years could be accommodated in a single line for each station the names of station authorities have, for the present, been omitted. Although this omission is, in some respects, regrettable, it is in line with the practice adopted for the two combined volumes for 1940–42 and 1943–1945, and also with a probable future development. It is proposed, in fact, henceforth, to reduce very considerably the amount of repetitive material in the annual volumes, which will be given over as far as possible to current data, and to publish the more standard and lasting information in a supplement, at intervals of a few years, possibly five. If this suggestion is adopted, as at present seems likely, this is the last time that an annual volume will begin with a descriptive and explanatory section on the rainfall work of the Meteorological Office, since all such material will be more appropriately given in the covering supplement. The first such supplement is intended to contain explanatory articles relating to new material and methods of presentation in the 1961 and subsequent volumes. Thereafter, the following supplements, say for five-year periods ending 1965,

1970 and so on, will be in part retrospective, with details of stations, authorities and other relevant matters for the five years covered, and in part forward-looking, with regard to expected developments.

The production of *British Rainfall* 1961 in a new form, which will coincide with the introduction of data processing, for a major proportion of the material, by electronic computer, will thus be an important landmark in the history of rainfall work in the U.K. It will also, as it happens, correspond with the passing of a very important milestone. In a certain sense the data for 1960 may be taken to represent the completion of 100 years of *British Rainfall*. G. J. Symons first produced a four-page pamphlet “English Rainfall, 1860” with information for over 150 stations. (The original edition is probably extremely rare, but it was reprinted as an insert in *British Rainfall* 1884.) He next produced the first volume of *British Rainfall* to cover both 1860 and 1861, and thereafter the work was maintained with separate annual volumes; the series of single volumes remained continuous up to 1939. For 1904 H. R. Mill introduced the phrase “forty-fourth annual volume” on the title-page, reckoning the combined first volume for 1860 and 1861 as one. The equivalent phrase has appeared on the title-page ever since, but the combined volumes for 1940–42 and 1943–45 were in this respect counted as three volumes each. Following the later of the two contradictory conventions, the data for 1960 in the present combined volume represent the 100th volume of *British Rainfall*. Those who wish to be strictly consistent will argue that 1960 represents either

the 101st or, with 1959, the 95th, but cannot be the 100th. However, it is convenient to retain the decadal correspondence, which can only be done by supposing that H. R. Mill for 1904 onwards, and the compilers for 1940-42 and 1943-45, were both right.

THE OBSERVERS AND CONTRIBUTORY AUTHORITIES. The information presented in this volume is based on the collection of rather more than 6,000 returns of rainfall received from stations in all parts of the country. The goodwill of the private observers and other authorities, who voluntarily forward their observations to the Meteorological Office for use and preservation, is gratefully acknowledged. Without their ready co-operation the compilation of *British Rainfall* would not be possible. This volume includes data from about 450 new stations, but data from 350 stations previously making returns are no longer available. In most parts of the British Isles the records gained exceeded those lost, and there were notable net gains in Ross and Cromarty, the West and East Ridings of Yorkshire, Shropshire, Somerset, Cardiganshire and Pembrokeshire.

The description given in *British Rainfall* in earlier years of Meteorological Office representation on various committees and co-operation with other organizations, remains broadly valid. Co-operation of this kind is often linked with research projects, but also important are those activities which involve the steady improvement of the permanent national rain-gauge network. Especially noteworthy in this connection are the close links which are maintained with the Surface Water Survey and the individual river boards in England and Wales whereby suggestions are made for the improvement and extension of the River Board rain-gauge networks under the terms of the River Boards Act, 1948. Similar links exist between the Meteorological Office and most, if not all, of the larger water-supply undertakings, which contribute extremely useful rainfall data for the areas in which they are interested. A number of local

authorities installed standard rain-gauges in conjunction with autographic rain-recorders in preparation for an officially co-ordinated investigation of urban rainfall intensities.

The Climatological Services Branch of the Meteorological Office opened an office in Belfast in June 1960, and one of the tasks of this new office will be to try to improve the meteorological observing network throughout Northern Ireland. A start has been made by approaching local authorities, the Forestry Division and other bodies likely to be able to assist in this direction.

INSPECTIONS. During the 12 months ending June 30, 1960, the rainfall station inspectors visited 505 stations in England and Wales and 152 in Scotland; during the following 12 months the corresponding figures were 686 and 231. A large number of sites for new stations were selected.

The inspector from the Meteorological Office headquarters at Bracknell visited, during the two years, stations maintained by private observers, local authorities, water-supply undertakings and river boards, in nearly every county in England and Wales. Co-operation with water-supply undertakings and river boards in the selection of new sites in areas poorly represented in the general rainfall station network continues. A full-time rainfall station inspector was added to the staff of the Meteorological Office Edinburgh in May 1960.

In the area covered by the rain-gauge networks of the North of Scotland Hydro-Electric Board, the work of the Board's new inspector formed a valuable supplement to the inspection programme of the Meteorological Office.

The routine inspection of all rainfall sites in Northern Ireland was transferred to the Belfast Office in June 1960. Especial emphasis was placed on the checking of rain-gauge sites at new stations during the first 12 months.

Throughout the United Kingdom the work of inspecting rainfall stations and planning new rain-gauge networks is being organized

increasingly on a river basin or drainage area basis, in harmony with other general developments in the hydrological field.

SNOW SURVEY OF GREAT BRITAIN. A report on the Snow Survey of Great Britain appeared in *British Rainfall* for the first time in the volume for 1957. A similar report for the seasons 1958–59, and 1959–60 is published in Part III of the present volume. The basic information from which the Survey is prepared is obtained from monthly reports, made throughout the season, by voluntary observers who record daily the snowfall and snow-cover seen from their observing stations. All co-operating observers receive copies of this survey. Additional snow data are also obtained from returns made by voluntary climatological stations and official Meteorological Office stations.

SURFACE WATER YEAR BOOK. The Meteorological Office has continued to make its contributions to the *Surface Water Year Book*, prepared by the Surface Water Survey of the Ministry of Housing and Local Government. The *Year Book* for 1959–60 contains flow data for 205 areas; rainfall estimates were supplied for 169 of these areas. Estimates of monthly and annual areal rainfall were also supplied for the 1960–61 *Year Book*.

In addition, comprehensive reports on rainfall and evaporation were supplied for a number of hydrometric areas for which the Surface Water Survey are preparing special hydrological surveys.

INQUIRIES. Inquiries regarding rainfall in various parts of the country dealt with by the Meteorological Headquarters at Bracknell, by the Meteorological Office Edinburgh and

by the Meteorological Office Belfast, largely followed the customary pattern and covered the very wide fields indicated in previous volumes of *British Rainfall*. It was natural, however, in view of the remarkable juxtaposition of weather contrasts, especially for England and Wales, in 1959 and 1960, that with regard to data for 1959 there was an unusual preponderance of inquiries concerned in some way with water deficiencies, including soil-moisture deficits, in various parts of the country; whilst for 1960, the emphasis was on the disposal of surplus water and, from the end of September onwards, on very serious flood problems in some areas. Enhanced interest both in water conservation and in river flood-warning systems has continued since this two-year period.

The Belfast Office has been responsible, since its inception in June 1960, for dealing with all climatological and hydrological inquiries in respect of Northern Ireland.

Information was supplied for publication in *Water and Water Engineering* while monthly reports of rainfall in Great Britain and Northern Ireland were supplied to the British Waterworks Association, and to various Government Departments. Information was also supplied for publication in the *Meteorological Magazine* up to the end of 1959. The Metropolitan Water Board and the Thames Conservancy were supplied with detailed reports every month while a comprehensive annual report was prepared for the Metropolitan Water Board. The regular monthly issue of rainfall maps and data to industrial firms, Government Departments, consulting engineers and local authorities continued.

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

OBITUARY. During the two years ending June 30, 1961, notification was received of the deaths of 60 observers who had contributed to volumes of *British Rainfall*. Of these the following observers kept records for 35 years or more.

Miss I. Bentall
J. C. P. White, Esq.

Leigh (Brick House)
Abbotsbury (East Cottage)

Essex
Dorset

1916–59
1898–1959

T. Robinson, Esq.	West Town	Somerset	1919-59
W. Fletcher, Esq.	Salisbury (Atherton House)	Wiltshire	1911-59
C. E. Burnell, Esq., J.P.	Shepton Mallet (Charlton)	Somerset	1902-50
Lt.-Col. H. E. du C. Norris	West Adderbury (Crosshill)	Oxfordshire	1921-60
Miss C. E. Cooper	Bushey Heath (California Lane)	Herts.	1919-60
Major E. Harrison	Horam (Coxlow)	Sussex	1901-60
Major W. F. Wormald	Ganton (Willerby Wold)	Yorkshire, E.R.	1920-60
E. A. Lee, Esq.	Hadleigh (Linden Lea)	Suffolk	1921-60
R. Martin, Esq.	Lee Moor House	Devon	1910-60
Col. M. F. Grant	Bredon (Bredon House)	Worcestershire	1917-60
W. S. Corbett Lowe	Overton (Sodylt Hall)	Shropshire	1913-60
Capt. J. D. D. Evans	Brecon (Ffrwdgrech)	Brecon	1911-60
E. W. Smith, Esq.	Havering-Atte-Bower (Fernside)	Essex	1920-61
Maj. Gen. McConnell	Colmonell (Knockdolian)	Ayrshire	1910-61
W. A. Sibly	Stonehouse (Wycliffe College)	Gloucestershire	1912-59
Col. N. Kennedy, C.B.E., D.S.O.	Doonholm	Ayrshire	1923-60
A. R. MacGregor, Esq.	Cardney Dunkeld	Perthshire	1923-60
Dr. N. D. McKay	Tigh'n Eilean Aberfeldy	Perthshire	1908-61

2 The Distribution of Rain in Time

THE NUMBER OF RAIN-DAYS AND WET-DAYS IN 1959 AND 1960

In order to obtain a homogeneous series of statistics in *British Rainfall*, a "rain-day" was defined as long ago as 1865 as a period of 24 hours, normally commencing at 9 a.m. GMT, during which $\cdot 01$ in. or $\cdot 2$ mm. or more of rain is recorded. A "wet-day" was defined in 1919 as a period of 24 hours, normally commencing at 9 a.m. GMT, during which $\cdot 04$ in. or $1\cdot 0$ mm. or more of rain is recorded.

More detailed frequency analysis of the amounts of rain falling on rainfall days is under consideration for future use, when the processing of rainfall data by computer will make such a development practicable. It may then be thought desirable to abandon the rather arbitrary definitions of "rain-day" and "wet-day", but these are being retained, at present, to round off the decade 1951-60 according to the old standards.

Data regarding the number of rain-days and wet-days during 1959 and 1960 are presented in this volume in map and tabular form as follows:

1. The General Table of rainfall in Part II shows the annual number of rain-days and wet-days at stations where daily observations are recorded.

2. Maps showing the annual distribution of wet-days over the country are published in this section; similar maps have been published annually in *British Rainfall* since 1919.

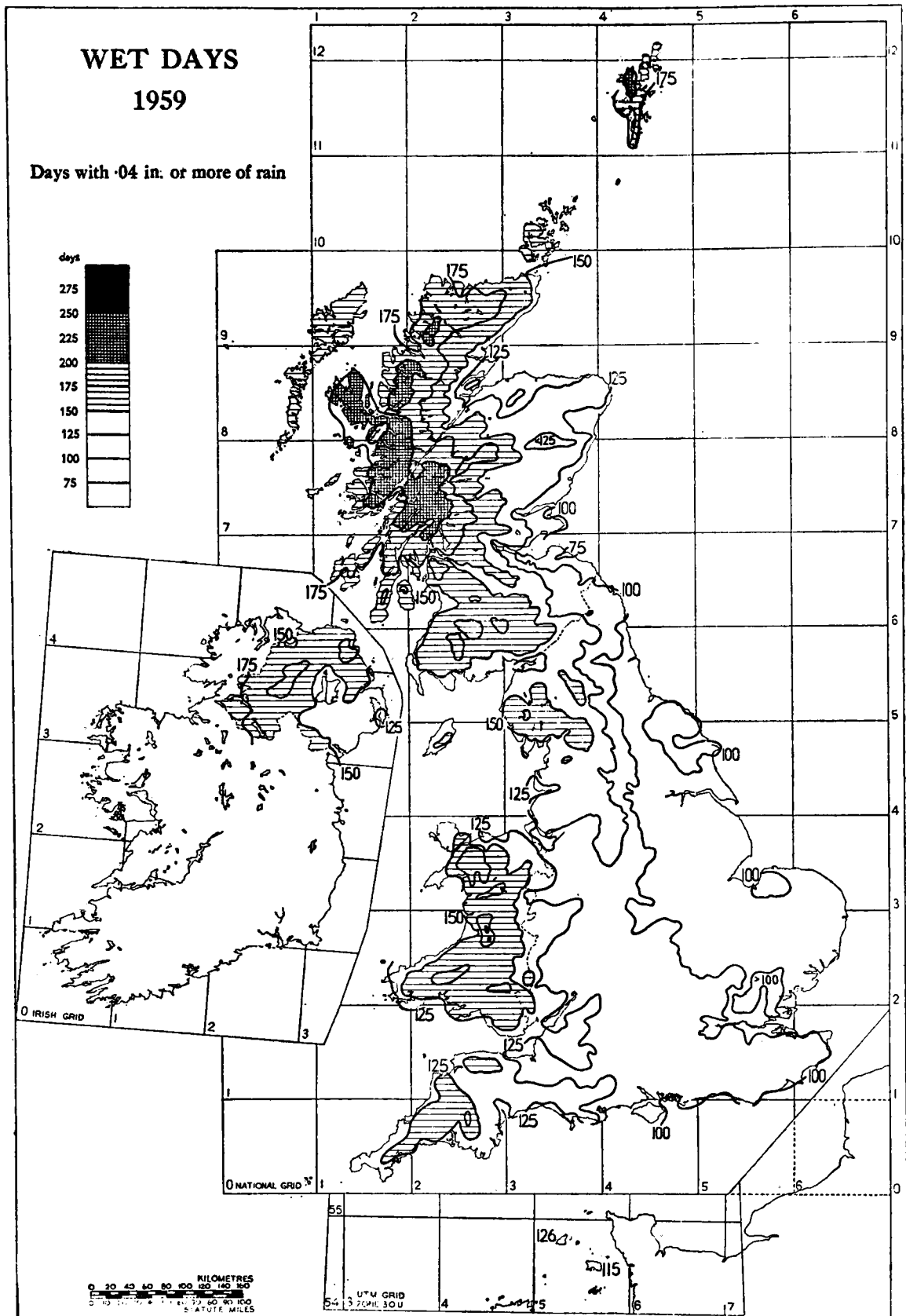
3. Table 2A gives the monthly and annual numbers of wet-days in England and Wales during the two years under discussion, together with the corresponding figures for the previous 16 years and the average values for 35 years (1916-50) to enable a comparison to be made.

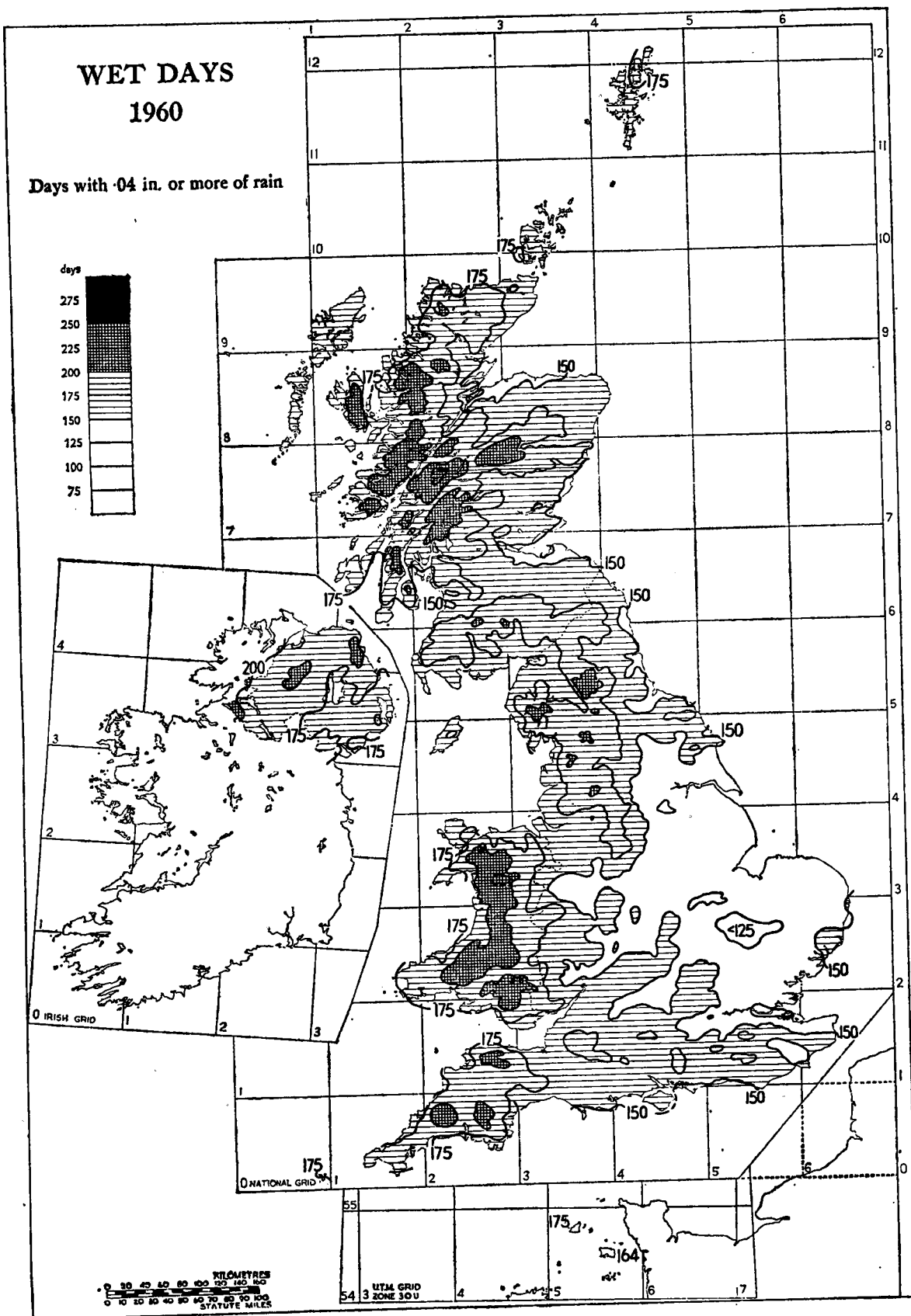
4. Table 2B gives the number of rain-days and wet-days (small type) throughout the year

at 82 stations, 48 in England and Wales, 28 in Scotland and the Isle of Man, and 6 in Northern Ireland. These stations, which from now on will be referred to as "selected stations", have been chosen to represent conditions over the United Kingdom as uniformly as possible. Monthly mean values and the computed averages of rain-days for the period 1916-50 for England and Wales, Scotland and Northern Ireland are also given in the table. These 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 monthly rainfall amounts for the 82 selected stations are included in Table 8c.

A comparison of the maps showing the number of wet-days in 1959 and in 1960 brings out strikingly the great difference in the daily rainfall during the two years. In 1959 there were less than 100 wet-days over most of England east of the Pennines and east of a line from Birmingham to the London area and Thames Estuary, 150-175 wet-days over most of Wales, Westmorland, the western part of Scotland and most of Scotland north of the Great Glen except the coastal strip and around the Moray Firth, and about 200 days in parts of Ross and Cromarty and south-west Inverness-shire. During 1960, however, there were no significant areas with less than 100 wet-days, most of England north and east of a line approximately from London to Birmingham to the Tees Estuary (except the North Yorkshire moors) having from 125 to 150 wet-days. Scotland and most of the rest of England had more than 150 wet-days, while large areas of south-west England, Wales and west and central Scotland had more than 200 wet-days.

Maps showing the number of rain-days tell the same general story. In 1959 most of





England east of a line from the Pennines to the Isle of Wight had less than 150 rain-days, larger areas in Suffolk, Huntingdon, the northern part of Lincolnshire and the West Riding of Yorkshire having between 100 and 125 days. Most of Scotland and the remainder of England had more than 150 rain-days and 200 days or more were confined mainly to the highest ground in Wales and Scotland. In 1960, on the other hand, most of England east of a line from the Pennines to the Isle of Wight had between 175 and 200 rain-days, and most of south-west England, Wales, the Pennines and Scotland, except the lower coastal areas in the east, had more than 225 rain-days and there were more than 250 rain-days over Bodmin Moor, the Brecon Beacons, in parts of Montgomery, Dumfriesshire, Invernessshire, Ross and Cromarty, Sutherland and over most of the high ground in Northern Ireland.

Table 2A brings out vividly the difference between the two years over England and

Wales and shows 1960 as having 40 more wet-days than 1959. In 1959 both February and September had fewer wet-days than the corresponding month of any previous year since 1943, and the period May to September 1959 had fewer wet-days than the corresponding period during any year in the table. In 1960 July, October and November had more wet-days than the corresponding month of any previous year since 1943, and the number of wet-days during the year was greater than in any year since at least 1943 and 19 days more than the average.

In Table 2B, among the selected stations in 1959, Belleek had the greatest number of rain-days and Loch Duich the greatest number of wet-days. In 1960, Belleek had the most rain-days and wet-days. Earls Colne and Lowestoft were without measurable rain throughout September 1959, but during the same month in 1960 none of the selected stations had less than 12 rain-days.

**Table 2A. Monthly Number of Wet-Days (Days with .04 inch or more)
over England and Wales 1943-1960**

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
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
1956	17	7	6	7	5	11	12	18	11	9	7	15	125
1957	13	15	13	3	9	7	15	13	15	10	7	12	132
1958	13	14	9	6	13	14	12	15	13	12	8	16	145
1959	13	2	12	13	5	8	9	5	2	11	15	22	117
1960	15	13	10	8	6	8	16	14	14	19	21	15	157
Average 1916-50	14	11	10	11	10	9	11	11	11	13	13	14	138

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1959

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall in.
ENGLAND AND WALES															
London.....2	St. Pancras (Camden Square)...	13 9	1 1	18 10	16 14	5 5	10 8	8 7	9 9	2 1	12 10	16 12	21 18	131 104	19.95
Kent.....1	Dover (Waterloo Crescent)....	15 11	2 0	17 8	17 14	4 4	7 6	6 5	11 5	1 1	12 10	17 13	25 22	134 99	30.49
".....4	Edenbridge (Falconhurst)....	13 11	2 1	16 13	15 12	5 4	10 7	10 7	5 5	1 1	12 9	19 12	24 23	132 105	27.32
Sussex.....3	Worthing (Beach House Park)...	14 12	1 0	15 10	14 13	4 4	9 7	9 6	5 4	1 1	12 7	18 14	26 20	128 98	23.47
Hampshire...1	St. Catherine's Pt. Lighthouse	16 10	4 2	19 12	14 9	7 5	8 4	7 6	8 7	2 1	14 10	22 18	25 21	146 105	28.89
".....4	Southampton (East Park).....	17 14	3 1	17 14	15 10	7 4	14 7	7 6	9 5	1 1	15 11	20 16	26 21	151 110	27.90
".....8	South Farnborough (R.A.E.)...	15 9	3 1	17 10	14 11	6 3	10 4	10 9	8 6	1 1	13 9	17 12	23 21	137 96	23.58
Hertford....2	Harpden (Rothamsted).....	18 11	4 0	15 10	17 14	5 4	13 7	10 7	8 7	2 2	15 10	19 11	25 19	151 102	25.29
Oxford.....3	Oxford (Radcliffe Met. Stn.)...	18 12	6 0	21 14	16 13	9 5	10 7	10 8	7 7	3 2	15 11	16 10	26 19	157 108	24.29
Northampton4	Wellingborough (Swanspool)...	15 11	2 1	14 9	16 11	7 4	11 6	11 9	6 6	1 0	13 10	16 10	26 18	138 95	20.06
Huntingdon 1	Whittlesea Mere.....	12 10	4 3	12 10	13 9	4 2	7 5	11 10	6 6	2 1	12 10	14 9	19 16	116 91	18.85
Cambridge...2	Cambridge (Botanic Gardens)...	13 10	1 1	17 11	16 12	6 3	9 4	9 8	6 4	1 1	13 9	16 9	21 18	128 90	19.73
Essex.....3	Shoeburyness.....	15 10	2 0	14 7	16 12	5 5	7 7	9 7	9 7	1 1	13 8	15 11	24 16	130 91	15.88
".....5	Earls Colne (Grammar Sch.)...	16 10	2 1	14 12	13 10	5 3	6 5	7 7	5 5	0 0	15 14	14 11	30 27	127 105	16.90
Suffolk.....4	Lowestoft (Secondary School)...	16 13	2 1	14 6	18 13	3 2	7 4	7 6	7 5	0 0	12 9	14 12	20 17	120 88	17.47
Norfolk.....3	Sandringham House Gardens...	14 13	3 2	12 9	13 10	4 3	7 5	12 10	10 8	4 1	15 14	17 13	24 16	135 104	21.87
Devon, S.....5	Teignmouth (Den Gardens)...	19 14	3 1	20 17	15 10	8 7	11 9	7 4	7 6	1 1	15 11	23 20	27 23	156 123	38.02
Devon, N....1	Ilfracombe (Bowling Green)...	18 14	2 2	21 19	15 11	10 8	12 9	11 9	7 6	2 2	18 17	21 20	27 26	164 143	44.61
Cornwall....1	Bude (School House).....	18 15	6 3	21 18	16 13	10 8	13 7	11 9	11 6	2 1	19 16	24 21	28 27	179 144	36.53
".....2	St. Austell (Poltair Publ. Gdns.)	20 18	5 3	21 17	19 13	10 7	13 7	10 8	7 7	2 2	20 19	27 22	30 28	184 151	56.76
".....4	Scilly (St. Mary's C.G. Stn.)...	21 17	4 2	17 15	13 8	8 4	10 5	9 4	6 5	2 0	17 11	22 19	30 26	159 116	32.74
Somerset....1	Bath (Henrietta Park).....	16 14	2 1	21 18	14 12	9 8	14 13	10 8	9 6	2 2	16 12	19 13	29 22	161 129	31.67
".....3	Taunton (Vivary Park).....	20 12	2 1	20 14	14 12	10 8	13 7	9 5	7 5	2 2	16 12	19 16	27 21	159 115	29.25
Hereford....1	Ross-on-Wye.....	17 14	2 1	14 12	15 14	9 6	14 7	9 8	8 6	1 1	14 8	18 13	25 20	146 110	30.28
Shropshire...3	Shrewsbury (Monkmoor).....	18 16	5 3	17 14	18 11	12 7	16 11	15 7	6 6	2 1	16 12	18 11	28 25	171 124	23.23
Warwick....1	Wellesbourne.....	17 13	3 1	16 12	16 13	7 5	12 5	8 7	6 3	2 1	13 11	16 10	23 16	139 97	19.62
Leicester....4	Loughborough (Nanpantan Res.)	15 11	2 2	13 11	16 13	5 4	11 5	9 6	6 6	1 1	11 9	18 11	23 17	130 96	20.20
Lincoln.....3	Potterhanworth (Old Hall)....	13 6	6 2	13 8	16 10	4 3	9 7	12 11	5 4	2 2	11 9	16 12	22 20	129 94	17.25
Nottingham..5	Mansfield (Carr Bank).....	12 9	3 1	17 12	19 13	5 4	12 8	11 8	4 3	4 0	12 8	18 14	25 21	142 101	22.13
Cheshire....2	Northwich (Winnington).....	14 11	5 1	14 10	16 13	9 7	14 13	14 12	6 4	2 1	10 9	23 16	28 22	155 119	27.21
".....3	Birkenhead (Bidston Obs'y)...	18 12	5 2	16 9	15 12	7 7	12 8	18 14	8 4	2 2	15 13	21 15	28 23	165 121	28.75
Lancs, C....1	Squires Gate Airport.....	14 12	6 3	16 10	16 11	9 7	13 10	14 11	4 2	2 2	16 13	21 16	26 22	157 119	31.39

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1959 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall
ENGLAND AND WALES (continued)															in.
Yorks, W.R..8	Wakefield (Clarence Park)	15 10	2 1	10 7	15 13	6 6	11 7	13 10	3 2	4 2	12 9	17 16	22 16	130 99	19·65
” E.R..3	Hull (Pearson Park)	14 11	3 2	12 8	14 11	5 2	11 6	11 9	6 2	2 2	11 9	16 12	22 19	127 93	17·72
” N.R..2	Felixkirk (Mount St. John) . . .	13 12	5 2	11 8	14 10	6 4	14 9	10 6	2 1	4 2	18 11	25 16	23 17	145 98	20·77
” N.R..5	Scarborough	19 18	3 2	13 7	17 11	5 4	8 6	10 9	4 2	7 4	12 10	21 14	23 17	142 104	23·02
Durham.2	Durham (University Obs'y.) . . .	17 13	3 2	12 7	13 8	6 2	13 11	8 5	4 1	4 3	14 6	18 14	23 19	135 91	17·30
Northumb..6	Ilderton (Lilburn Tower Gdns.) .	13 12	3 2	10 7	14 10	6 4	10 8	11 9	6 5	4 3	14 8	21 17	25 21	137 106	25·58
Cumberland..1	Geltsdale	13 11	11 9	17 13	18 15	8 6	17 15	17 13	10 5	7 3	15 13	28 23	27 25	188 151	35·22
” ..2	Keswick (Derwent Island)	11 9	12 10	18 18	19 18	9 7	15 13	13 10	7 4	4 4	14 13	20 17	20 19	162 142	53·19
Westmorland.2	Ambleside	15 12	13 11	18 17	21 20	9 9	15 14	17 14	6 5	5 5	16 13	25 22	26 24	186 166	70·48
Glamorgan .7	Cardiff (Penylan)	21 13	7 3	22 16	19 15	11 9	16 12	12 11	11 10	2 1	15 13	22 14	27 25	185 142	41·29
Carmarthen..2	Llandeusan (Pontcrynfe)	19 16	5 4	23 21	18 17	11 9	13 11	12 12	8 5	2 2	19 15	25 21	29 26	184 159	60·14
Pembroke . .4	Haverfordwest (Hospital Gds.) .	19 19	9 4	23 19	12 9	9 7	11 10	11 8	7 6	2 2	16 15	25 25	30 27	174 151	50·31
Radnor.1	Birmingham W.W. (N'gwyllt) .	21 18	10 6	23 21	22 20	12 9	16 14	19 12	10 5	2 1	19 14	27 23	30 28	211 171	65·97
Montgomery.5	Lake Vyrnwy (Exper. Station) .	22 17	12 4	23 20	20 18	11 9	14 13	18 15	10 9	2 2	18 15	27 21	30 29	207 172	60·35
Merioneth . .5	Aberdovey (Plas Penhelig) . . .	20 18	10 6	20 15	21 16	11 8	13 11	17 12	12 9	2 2	19 16	28 22	30 27	203 162	43·06
Anglesey. . . .	Llanerchymedd (Llwydiarth Esgob)	21 19	12 6	18 13	19 15	11 8	12 7	10 10	10 4	3 2	20 12	24 20	27 22	187 138	37·16
England and Wales	Mean of 48 Stations	16 13	5 2	17 12	16 13	7 5	12 8	11 9	7 5	2 2	15 11	20 15	25 22	153 117	...
	Average (1916-50)	19 14	15 11	14 10	15 11	13 10	12 9	15 11	15 11	15 11	17 13	17 13	19 14	186 138	...
ISLE OF MAN	Douglas (Borough Cemetery) .	17 14	16 11	21 15	16 12	10 8	14 11	12 11	6 2	4 4	17 13	27 23	27 26	187 150	40·52
SCOTLAND															
Wigtown. . . .1	Castle Kennedy (Lochinch) . . .	16 15	14 13	18 16	18 15	10 5	15 12	15 11	7 6	7 6	16 15	22 18	27 23	185 155	41·90
Kirkcudbright5	Lochrutton (Dumfries W.W.) . .	11 9	17 10	18 15	20 18	10 5	15 14	17 12	8 4	6 5	16 13	26 22	26 22	190 149	44·32
Peebles.2	Stobo Castle	8 6	12 8	16 10	23 17	10 8	18 15	15 12	11 6	5 4	15 12	27 25	27 22	187 145	33·08
Berwick4	Marchmont House	12 11	8 3	13 9	16 11	5 3	13 10	8 7	4 2	4 4	13 8	24 18	28 21	148 107	21·67
Lanark5	Strathaven (Glengavel Res.) . .	10 7	14 12	15 15	19 18	13 13	17 16	16 15	12 11	6 6	15 15	26 25	25 25	188 178	51·67
Renfrew3	Greenock (Prospect Hill)	11 7	14 13	20 17	21 20	13 8	18 16	17 14	13 8	6 7	16 14	25 20	28 24	204 168	53·68
Stirling.1	Falkirk (Arncliffe)	7 6	14 9	18 13	23 19	10 6	16 11	14 10	5 3	8 5	12 9	26 20	24 20	175 131	30·33
Argyll.2	Morvern (Drimnin)	18 13	15 15	21 18	21 18	11 8	24 21	23 17	18 15	10 8	18 16	24 21	30 26	233 196	60·56
”11	Inveraray Castle Gardens	14 9	16 14	20 19	25 21	14 12	20 16	17 16	15 11	11 10	16 15	24 23	29 28	221 194	79·85
”14	Islay (Ellabus)	16 11	14 10	20 16	22 16	12 7	20 12	21 17	18 11	9 6	19 17	26 23	30 26	227 172	47·57

Table 2B. Number of Rain-days ($\cdot 01$ in. or more) and of Wet-days ($\cdot 04$ in. or more) in 1959 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall
SCOTLAND (continued)															
Argyll. 14	Tiree Airport.	20 12	15 8	18 16	22 18	11 6	22 14	22 17	15 8	12 7	20 17	26 23	27 26	230 172	in.
Fife. 3	Leuchars Airfield.	8 5	9 1	13 10	19 11	4 2	15 11	10 8	5 3	8 2	13 7	24 16	26 20	154 96	40.00
Perth. 11	Aberfeldy (Tigh'n Eilean).	9 4	14 5	19 11	24 15	10 7	15 11	12 9	9 7	8 6	19 13	26 19	30 24	195 131	22.52
Aberdeen. 1	Braemar (Bank).	15 12	10 3	16 10	21 12	10 9	17 12	13 11	10 7	9 4	15 13	26 20	27 23	189 136	38.79
" 2	Dyce (Craibstone).	16 15	8 3	16 10	17 15	9 7	15 7	12 8	10 6	10 4	13 10	22 16	26 20	174 121	33.12
" 4	Peterhead (Forehill Works).	23 20	7 3	16 9	19 10	7 5	13 8	13 9	13 5	9 7	15 10	23 20	27 19	185 125	27.49
Banff. 3	Ballindalloch.	19 18	4 3	8 8	13 11	8 6	12 11	13 9	12 7	9 6	15 13	18 14	18 13	149 119	28.02
Nairn. 2	Nairn (Acharaidh).	18 16	7 5	10 7	21 14	8 6	16 10	16 11	12 6	8 5	17 15	19 14	16 11	168 120	25.38
Inverness. 2	Dalwhinnie.	13 12	16 12	17 17	22 20	14 11	14 12	15 11	17 11	9 6	17 14	25 23	26 21	205 170	20.47
" 6	Loch Ness (Garthbeg).	17 15	15 13	16 9	25 18	15 9	15 12	16 12	16 10	11 5	17 13	23 17	24 15	210 148	48.72
" 17	Fort William (Secondary Sch.).	18 13	16 16	19 15	25 22	12 8	23 12	23 19	20 18	13 10	16 14	27 23	29 27	241 197	34.29
Ross and Cromarty. 7	Inverbroom (Glackour).	24 21	13 13	12 12	21 20	7 7	18 16	18 18	20 15	12 8	16 16	23 23	20 16	204 185	78.47
" 9	Loch Duich (Ratagan).	18 16	15 12	17 14	25 21	7 7	19 18	22 21	20 19	14 14	16 15	24 24	21 19	218 200	60.50
" 10	Stornoway Airport.	25 20	15 12	19 13	23 18	8 7	17 12	25 19	21 16	12 10	18 16	28 22	22 19	233 184	89.03
Sutherland. 1	Overscaig.	18 17	12 12	14 14	22 19	10 9	18 16	20 18	16 13	11 10	15 15	23 22	21 18	200 183	48.85
" 4	Tongue.	26 21	9 6	16 9	24 18	14 10	17 12	21 19	20 11	10 7	17 16	25 17	24 17	223 163	58.50
Caithness. 2	Wick Airport.	24 23	7 4	14 11	21 12	13 8	16 7	19 14	22 14	5 5	17 13	23 17	24 19	205 147	41.18
Scotland.	Mean of 27 Stations.	16 13	12 9	16 13	21 17	10 7	17 13	17 13	14 9	9 7	16 13	24 20	26 21	198 155	31.65
	Average (1916-50).	21 18	18 14	17 13	17 13	16 12	16 12	18 14	19 14	19 15	21 17	20 16	21 17	223 175	...
NORTHERN IRELAND															
Fermanagh. 1	Newtownbutler (Crom Castle).	18 12	16 6	21 19	25 17	11 9	19 15	21 14	14 6	10 8	21 15	29 20	29 26	234 167	39.33
" 1	Belleek.	21 14	17 9	22 17	28 21	13 9	20 15	19 17	13 11	10 8	24 19	27 23	29 26	243 189	44.70
" 5	Armagh Observatory.	15 11	11 6	17 16	20 14	9 8	15 13	18 14	9 5	7 5	19 13	23 16	27 25	190 146	29.39
Down. 5	Ballysallagh Reservoir.	17 14	9 6	17 15	20 15	10 10	14 12	14 10	4 4	5 5	13 9	20 16	25 22	168 138	31.55
Antrim. 5	Ballymena (Harryville).	22 17	17 8	23 15	23 16	11 7	16 12	15 12	11 5	8 6	20 13	27 18	30 22	223 151	33.55
Tyrone. 3	Omagh (Edenfel).	17 14	13 12	20 17	25 23	10 8	17 15	15 12	10 7	7 7	20 17	25 23	29 27	208 181	38.19
Northern Ireland.	Mean of 6 Stations.	18 13	14 8	20 16	24 18	11 9	17 14	17 13	10 7	8 7	19 14	25 19	28 25	211 162	...
	Average (1916-50).	23 18	18 14	18 14	18 14	17 14	17 13	20 16	21 16	20 15	22 17	21 17	23 18	238 186	...

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1960

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall in.
ENGLAND AND WALES															
London 2	St. Pancras (Camden Square) . .	17 9	18 14	13 7	9 4	7 6	15 9	18 14	17 12	13 10	26 21	25 21	18 10	196 137	33.51
Kent 1	Dover (Waterloo Crescent) . .	23 16	15 11	11 9	10 8	8 8	10 5	18 16	19 15	12 11	24 23	23 21	24 20	197 163	43.82
" 4	Edenbridge (Falconhurst)	18 15	16 15	14 9	11 4	8 7	12 11	22 16	16 13	17 15	23 21	27 25	26 14	210 165	43.90
Sussex 3	Worthing (Beach House Park) . .	18 13	18 11	14 11	10 4	7 6	11 7	19 15	14 8	14 13	20 18	27 19	24 16	196 141	41.43
Hampshire . . . 1	St. Catherine's Pt. Lighthouse . .	18 14	18 13	15 11	11 8	8 6	9 4	18 12	17 14	17 14	20 17	27 24	24 20	202 157	48.21
" 4	Southampton (East Park)	17 15	17 11	16 11	15 7	11 8	11 8	22 17	21 12	17 13	22 17	26 24	22 16	217 159	45.91
" 8	South Farnborough (R.A.E.) . .	19 16	18 15	14 6	14 3	10 8	13 8	19 12	17 10	14 11	27 19	26 22	18 13	209 143	34.05
Hertford 2	Harpenden (Rothamsted)	21 14	15 14	10 7	11 5	9 6	12 9	20 16	17 12	13 12	26 21	25 20	24 11	203 147	34.76
Oxford 3	Oxford (Radcliffe Met. Station)	25 13	13 12	14 6	12 7	9 7	15 8	21 17	15 8	12 10	25 19	26 20	22 13	209 140	37.89
Northampton 4	Wellingborough (Swanspool) . .	23 14	13 9	11 9	11 3	7 5	11 9	20 15	16 14	14 11	24 17	25 17	17 13	192 136	31.93
Huntingdon . 1	Whittlesea Mere	19 12	13 11	12 7	9 4	5 3	10 8	20 15	14 10	14 14	24 20	23 16	23 13	186 133	28.98
Cambridge . . 2	Cambridge (Botanic Gardens) . .	19 10	13 9	7 6	7 4	5 3	12 8	19 16	15 12	13 13	22 13	22 14	20 11	174 119	28.52
Essex 3	Shoeburyness	18 9	13 9	10 5	8 2	10 7	10 8	15 12	17 13	16 13	23 20	21 16	21 14	182 128	30.40
" 5	Earls Colne (Grammar School)	14 12	15 9	8 7	8 4	4 4	7 6	19 17	16 14	15 12	23 19	22 19	18 12	179 135	29.83
Suffolk 4	Lowestoft (Secondary School) . .	19 15	9 7	10 9	9 7	5 3	9 9	19 15	14 10	16 12	24 24	24 22	23 17	181 150	34.98
Norfolk 3	Sandringham House Gardens . .	27 18	13 11	7 6	9 8	4 4	12 8	20 15	17 14	14 12	21 16	25 21	22 16	191 149	32.97
Devon, S. . . . 5	Teignmouth (Den Gardens) . .	19 13	19 14	15 14	10 6	7 4	8 5	21 17	19 15	15 12	23 19	28 23	22 16	206 158	51.69
Devon, N. . . . 1	Ilfracombe (Bowling Green) . .	20 19	18 15	12 9	11 10	8 6	10 6	22 18	18 14	12 12	24 22	26 26	20 18	201 175	54.08
Cornwall 1	Bude (School House)	20 15	19 14	16 13	13 8	9 6	11 6	23 16	21 16	17 11	27 21	28 24	25 17	229 167	50.50
" 2	St. Austell (Poltair Pub. Gdns.)	22 16	21 18	20 18	12 10	8 6	11 10	24 22	17 12	17 13	28 25	28 25	25 19	233 194	61.81
" 4	Scilly (St. Mary's Coast. Stn.) . .	23 13	20 17	18 14	12 8	13 8	12 6	25 20	16 11	17 13	22 15	26 21	25 20	229 166	46.62
Somerset 1	Bath (Henrietta Park)	23 12	18 15	17 12	16 9	10 6	13 9	24 18	23 18	18 13	24 20	27 22	20 17	233 171	42.24
" 3	Taunton (Vivary Park)	18 10	18 16	15 11	10 7	13 6	9 6	25 15	17 16	20 12	25 21	26 21	19 16	215 157	40.72
Hereford 1	Ross-on-Wye	19 14	17 12	12 10	10 6	9 4	12 10	18 11	18 18	14 11	25 20	26 21	18 11	198 148	39.24
Shropshire . . . 3	Shrewsbury (Monkmoor)	19 16	17 11	13 9	9 6	10 6	11 7	20 14	19 15	13 11	24 17	27 21	20 14	202 147	38.42
Warwick 1	Wellesbourne	18 13	16 11	16 7	8 5	7 5	11 6	22 14	18 16	15 12	25 20	25 17	17 11	198 137	31.34
Leicester 4	Loughborough (Nanpantan Res.)	17 14	14 9	13 10	11 6	7 6	7 7	16 12	16 16	14 12	21 20	25 15	13 9	174 136	37.90
Lincoln 3	Potterhanworth (Old Hall)	23 18	14 8	11 6	12 7	5 2	6 4	19 15	15 12	16 11	23 18	23 15	21 11	188 127	31.08
Nottingham . . 5	Mansfield (Carr Bank)	24 13	16 11	13 10	11 5	6 4	9 5	20 13	21 12	13 11	22 20	26 18	21 11	202 133	36.23
Cheshire 2	Northwich (Winnington)	18 13	14 12	11 9	13 6	9 5	12 8	24 19	20 15	14 12	20 17	25 20	19 13	199 149	37.59
" 3	Birkenhead (Bidston Obs'y) . . .	18 13	15 15	14 12	11 9	10 6	9 6	21 21	21 15	17 13	16 15	26 21	20 12	198 158	33.00
Lancs, C. 1	Squires Gate Airport	15 12	16 13	14 11	13 11	11 6	11 9	20 13	25 19	17 16	17 14	25 24	22 16	206 164	41.37

Table 2B. Number of Rain-days (.01 in. or more) and of Wet-days (.04 in. or more) in 1960 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall
ENGLAND AND WALES (continued)	Wakefield (Clarence Park)....	17 14	11 10	10 8	11 7	8 4	7 5	18 16	20 15	16 11	23 17	23 16	18 13	182 136	34.15
	Hull (Pearson Park).....	22 19	15 11	8 8	11 7	4 3	6 5	16 12	21 15	15 11	23 19	21 18	18 16	180 144	30.48
	Felixkirk (Mount St. John)....	24 20	14 12	12 8	14 8	4 4	7 5	21 15	18 15	15 12	28 22	24 17	23 14	204 152	35.80
	Scarborough.....	24 21	14 12	13 7	10 7	9 3	10 3	18 16	23 17	16 12	29 22	25 19	22 17	213 156	34.05
	Durham (University Obs'y)....	23 17	16 12	16 11	17 9	7 4	7 1	26 18	17 11	16 12	24 22	21 15	21 15	211 147	30.81
	Ilderton (Lilburn Tower Gdns.)	23 19	20 12	16 11	16 8	7 6	11 8	21 16	18 16	17 13	28 23	20 17	20 16	217 165	37.38
	Geltsdale.....	20 17	19 17	16 8	18 13	7 6	14 13	26 18	24 19	20 11	23 18	23 23	20 19	230 182	39.18
	Keswick (Netherholme).....	16 14	18 16	13 11	14 13	7 5	12 9	25 21	22 18	14 12	19 18	27 23	21 14	208 174	64.64
	Ambleside.....	17 15	17 14	12 12	16 14	11 10	13 9	27 25	20 17	19 17	17 15	26 23	21 17	216 188	82.05
	Cardiff (Penylan).....	20 16	14 12	14 12	12 9	9 5	11 9	25 18	21 16	19 13	21 17	26 23	24 20	216 170	55.29
	Llandilo (Golden Grove Farm)	21 21	18 17	9 7	14 12	14 8	13 12	25 22	22 17	20 16	25 21	27 25	25 19	233 197	74.57
	Haverfordwest (Hospital Gds.)	21 19	14 13	13 12	13 11	11 7	10 9	21 18	18 16	18 17	25 23	27 27	20 19	211 191	58.36
	Birmingham W.W. (N'gwyllt)	22 19	23 20	15 12	15 12	11 7	13 11	28 20	25 20	17 15	25 22	29 26	24 19	247 203	82.64
England and Wales	Lake Vyrnwy (Exper. Station)	23 19	18 15	15 13	14 12	13 8	12 8	26 20	28 22	18 14	23 18	28 25	26 20	244 194	77.55
	Aberdovey (Plas Penhelig)....	23 20	16 12	13 7	13 12	11 7	16 13	25 20	17 15	21 16	23 16	28 26	22 19	228 183	59.00
	Llanerchymedd (Llwydiarth Esgob).....	20 17	19 16	12 10	13 11	11 7	9 8	21 15	17 11	17 14	21 19	28 25	21 19	209 172	46.53
	Mean of 48 Stations.....	20 15	16 13	13 10	12 8	8 6	10 8	22 16	19 14	16 14	24 19	25 21	21 15	206 157	...
	Average (1916-50).....	19 14	15 11	14 10	15 11	13 10	12 9	15 11	15 11	15 11	17 13	17 13	19 14	186 138	...
	Douglas (Borough Cemetery)..	20 12	15 15	11 8	12 11	8 7	10 8	20 17	18 14	16 15	21 15	27 25	23 21	201 168	53.22
	Castle Kennedy (Lochinch)....	14 13	17 16	12 11	16 13	10 8	11 10	21 18	20 17	15 13	15 13	24 23	22 21	197 176	54.99
	Lochrutton (Dumfries W.W.)...	17 13	18 16	14 9	15 14	10 7	12 9	24 21	19 17	15 13	17 15	25 22	19 19	205 175	52.01
	Stobo Castle.....	20 15	21 16	18 12	18 15	8 4	13 8	26 18	24 18	17 12	26 20	23 19	21 16	235 173	39.66
	Marchmont House.....	21 21	16 14	15 9	13 8	11 6	11 9	25 18	21 17	16 11	25 21	23 16	20 14	217 164	33.77
	Strathaven (Glengavel Res.)...	18 15	17 15	12 12	17 16	11 6	17 11	26 21	23 17	16 11	24 15	23 20	21 19	225 178	50.71
	Greenock (Prospect Hill).....	18 12	21 16	16 11	16 14	13 10	13 10	24 20	21 15	19 13	20 12	23 20	23 19	227 172	58.87
	Falkirk (Windsor Road).....	14 11	17 16	16 11	16 13	9 6	12 10	21 16	20 16	13 8	24 20	20 17	23 16	205 160	35.65
SCOTLAND	Morvern (Drimmin).....	20 15	20 19	11 11	19 14	14 12	17 15	26 23	24 20	18 17	18 14	25 21	25 23	237 204	52.81
	Inveraray Castle Gardens.....	19 14	20 17	11 11	17 14	19 12	15 14	22 21	22 20	17 12	17 12	26 21	24 21	229 189	69.74
	Islay (Eallabus).....	25 15	23 20	16 10	16 13	17 12	14 9	28 21	22 18	20 16	20 13	27 24	28 24	256 195	50.88
	Wigtown.....	14 13	17 16	12 11	16 13	10 8	11 10	21 18	20 17	15 13	15 13	24 23	22 21	197 176	54.99
	Kirkcudbright.....	17 13	18 16	14 9	15 14	10 7	12 9	24 21	19 17	15 13	17 15	25 22	19 19	205 175	52.01
	Peebles.....	20 15	21 16	18 12	18 15	8 4	13 8	26 18	24 18	17 12	26 20	23 19	21 16	235 173	39.66
	Berwick.....	21 21	16 14	15 9	13 8	11 6	11 9	25 18	21 17	16 11	25 21	23 16	20 14	217 164	33.77
	Lanark.....	18 15	17 15	12 12	17 16	11 6	17 11	26 21	23 17	16 11	24 15	23 20	21 19	225 178	50.71
	Renfrew.....	18 12	21 16	16 11	16 14	13 10	13 10	24 20	21 15	19 13	20 12	23 20	23 19	227 172	58.87
	Stirling.....	14 11	17 16	16 11	16 13	9 6	12 10	21 16	20 16	13 8	24 20	20 17	23 16	205 160	35.65
	Argyll.....	20 15	20 19	11 11	19 14	14 12	17 15	26 23	24 20	18 17	18 14	25 21	25 23	237 204	52.81
	".....	19 14	20 17	11 11	17 14	19 12	15 14	22 21	22 20	17 12	17 12	26 21	24 21	229 189	69.74
	".....	25 15	23 20	16 10	16 13	17 12	14 9	28 21	22 18	20 16	20 13	27 24	28 24	256 195	50.88

Table 2B. Number of Rain-days ($\cdot 01$ in. or more) and of Wet-days ($\cdot 04$ in. or more) in 1960 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Total Rain-fall
SCOTLAND															
(continued)															in.
Argyll.....14	Tiree Airport.....	20 12	21 15	12 8	16 14	17 12	17 12	25 17	16 13	19 13	17 10	24 24	27 27	231 177	40.25
Fife.....3	Leuchars Airfield.....	16 14	17 12	14 11	16 12	9 6	13 8	24 12	23 17	14 11	26 22	18 14	18 8	208 147	32.81
Perth.....11	Aberfeldy (Tigh'n Eilean).....	16 10	18 12	16 13	19 14	12 7	14 8	21 13	22 16	16 11	24 18	20 17	19 15	217 154	46.66
Aberdeen.....1	Braemar (Bank).....	22 20	17 13	13 7	20 15	9 7	13 9	20 15	28 21	18 14	31 23	20 14	19 17	230 175	40.86
".....2	Dyce (Craibstone).....	20 14	19 12	15 9	17 10	6 5	14 10	23 17	25 18	18 11	29 26	25 21	16 14	227 167	42.86
".....4	Peterhead (Forehill Works).....	22 19	21 15	11 8	17 13	12 6	14 9	14 12	22 15	17 10	27 23	27 23	18 11	222 164	33.17
Banff.....3	Ballindalloch.....	17 15	15 13	8 7	10 9	7 5	15 15	20 15	27 23	17 12	28 23	19 15	16 12	199 164	34.74
Nairn.....2	Nairn (Achareidh).....	20 14	15 10	9 4	14 8	9 5	19 11	21 15	27 21	16 11	24 16	17 11	18 12	209 138	25.83
Inverness.....2	Dalwhinnie.....	19 13	21 17	16 10	20 17	14 8	18 14	24 17	30 25	21 11	24 17	17 16	19 16	243 181	45.22
".....6	Loch Ness (Garthbeg).....	22 17	21 18	10 3	21 11	12 6	18 12	25 14	30 24	19 15	20 13	23 16	20 18	241 167	34.79
".....17	Fort William (Glasdrum).....	16 15	21 17	9 6	18 14	17 13	16 14	24 15	26 21	18 15	19 9	25 20	22 21	231 180	56.18
Ross and Cromarty.....7	Inverbroom (Glackour).....	20 18	20 18	6 3	18 17	9 8	14 14	19 15	26 21	19 17	18 15	23 16	20 20	212 182	44.80
".....9	Loch Duich (Ratagan).....	19 19	19 18	6 6	14 13	16 12	18 17	22 21	25 22	20 16	10 10	23 17	21 18	213 189	64.49
".....10	Stornoway Airport.....	22 17	21 19	12 6	19 17	15 10	19 13	21 16	22 16	18 13	16 11	25 20	24 21	234 179	37.56
Sutherland.....1	Overscaig.....	19 18	19 16	11 8	17 16	12 11	20 16	19 16	22 17	15 13	22 20	20 18	23 22	219 191	44.49
".....4	Tongue.....	23 20	24 18	12 10	18 13	11 7	17 11	18 13	24 19	16 12	22 14	22 12	22 18	229 167	30.55
Caithness.....2	Wick Airport.....	21 19	22 19	14 7	20 12	9 4	16 10	20 12	19 17	15 11	27 18	22 16	22 16	227 161	31.86
Scotland	Mean of 27 Stations.....	19 15	19 16	12 9	17 13	12 8	15 11	23 17	24 19	17 13	21 16	23 18	21 18	223 173	...
	Average (1916-50).....	21 18	18 14	17 13	17 13	16 12	16 12	18 14	19 14	19 15	21 17	20 16	21 17	223 175	...
NORTHERN IRELAND															
Fermanagh.....1	Newtownbutler (Crom Castle).....	21 15	22 14	16 12	19 13	20 12	14 11	28 23	27 21	24 18	25 11	29 23	27 21	272 194	47.82
".....1	Belleek.....	22 15	25 20	18 14	20 16	21 14	19 14	29 25	28 19	26 17	26 12	27 21	24 22	285 209	50.58
Armagh.....5	Armagh Observatory.....	18 15	18 12	15 11	15 11	15 9	14 11	26 21	23 17	17 12	21 13	22 19	19 16	223 167	39.43
Down.....5	Ballysallagh Reservoir.....	18 13	14 11	14 13	13 12	9 8	10 9	24 22	18 15	17 14	19 16	25 20	22 15	203 168	48.61
Antrim.....5	Ballymena (Harryville).....	21 16	20 16	14 10	15 12	15 10	13 10	27 23	22 16	17 11	25 13	24 21	28 16	241 174	39.54
Tyrone.....3	Omagh (Edenfel).....	20 17	17 15	13 10	15 12	14 11	11 11	29 26	25 20	18 14	20 14	25 21	23 20	230 191	42.56
Northern Ireland	Mean of 6 Stations.....	20 15	19 15	15 12	16 13	16 11	14 11	27 23	24 18	20 14	22 13	25 21	24 18	242 184	...
	Average (1916-50).....	23 18	18 14	18 14	18 14	17 14	17 13	20 16	21 16	20 15	22 17	21 17	23 18	238 186	...

3 Absolute Droughts and Dry Spells in 1959 and 1960

An "absolute drought" has been defined in *British Rainfall* since 1887 as a period of at least 15 consecutive days to none of which is credited $\cdot 01$ in. of rain or more; that is at least 15 successive days without a rain-day. A "dry-spell" was first defined in 1919 as a period of 15 consecutive days to none of which is credited $\cdot 04$ in. of rain or more; that is at least 15 successive days without a wet-day.

Changes in the methods of defining and discussing droughts and dry spells, made possible by the introduction of computer programmes for checking and processing rainfall data, are now under consideration, and may be introduced with the data for 1961. But for the present the old definitions are retained, and the summaries discussed are strictly comparable with those given in earlier years.

Table 3AB in this section shows the total number of droughts and dry spells occurring each year from 1940 to 1960 at the 82 representative stations of Table 2B of the previous section, together with their mean and maximum duration. It will be seen that there were more droughts and dry spells during 1959 than in any other year since 1940, and that 1944 and 1956 were the only years during the period with fewer droughts than 1960.

Table 3c gives details of the absolute droughts and dry spells occurring at 82 representative stations during 1959 and 1960.

In 1959 only five of the selected stations had neither a drought nor a dry spell; in 1960, 17 did not record either and these stations are therefore omitted from the respective tables in this section.

Absolute droughts occurred mainly during six different periods in 1959 (January 23–March 1, May 4–June 3, June 9–25, July 11–25, July 29–August 12, August 14–October 16) and during four different periods in 1960 (March

12–28, April 14–May 11, May 19–June 9, June 16–July 4). Dry spells in 1959 covered rather similar periods, but the second lasted from May 2 until June 27, the third began two days later and lasted until August 12. The last period began on August 14 and ended like the drought period on October 16. In 1960 dry spells were mainly within two periods, March 4–April 7 and April 10–July 4.

In 1959 droughts were most widespread during the period August 14–October 16 and 89 were registered at the selected stations; one being recorded in most parts of England, Wales and southern Scotland, whilst many of the stations had two and Scarborough recorded three. During the whole year, 1959, Dover recorded six separate droughts and Loughborough and Scarborough five. Few droughts were recorded in south-west Scotland, the Western Isles or Northern Ireland. Dry spells were also most frequent during the period August 14 to October 16, one being recorded over most of the United Kingdom except the western parts of Northern Ireland and Scotland.

In 1960 the period of most widespread drought was from May 19 to June 6. The 16 droughts reported at the selected stations were even so confined mainly to south-west England, the southern counties of Wales and to Lancashire. No droughts were recorded over most of south-east England and the Midlands, over Scotland or over Northern Ireland. Dry spells occurred during 1960 mainly during the periods March 4–April 7, or April 10–July 4; they were widespread during the latter period when they were reported over most of the country.

In 1959, an absolute drought of 57 days from August 14 to October 9, was recorded at Earls Colne and at Lowestoft. This is the

longest drought at a selected station since records began in 1887 but in 1893 well-authenticated absolute droughts were recorded which

covered 60 days, within the period March 4 to May 14, at Hastings, Winchelsea, Lewes and Haywards Heath.

Table 3AB. Droughts and Dry Spells at 82 Stations, 1940-1960

Year	ABSOLUTE DROUGHTS*				DRY SPELLS†			
	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	83	23	48	39
1941	82	21	31	25	196	21	37	1
1942	96	20	30	26	206	22	36	9
1943	61	21	41	47	129	22	47	28
1944	25	17	21	62	96	19	37	41
1945	33	19	24	55	125	20	35	14
1946	57	17	25	36	132	18	29	10
1947	114	25	44	3	179	25	53	1
1948	29	17	23	57	107	19	32	18
1949	75	20	37	27	162	22	55	12
1950	41	16	21	49	106	17	27	24
1951	27	16	23	56	94	18	32	12
1952	32	17	23	61	119	18	23	24
1953	71	24	36	20	163	23	43	7
1954	44	20	27	43	97	21	29	15
1955	111	20	36	15	224	22	44	2
1956	12	17	21	72	69	19	36	43
1957	46	17	40	47	159	18	42	19
1958	18	18	33	64	71	18	33	29
1959	152	21	57	15	253	22	59	5
1960	27	17	25	58	98	18	31	17

* 15 days without a rain-day.

† 15 days without a wet-day.

Table 3c. Droughts and Dry Spells in 1959

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES	St. Pancras (Camden Square)	Jan. 24	Feb. 20	28	Jan. 23	Feb. 20	in.
		May 4	May 18	15	May 4	May 18	29
		Aug. 23	Sept. 20	29	Aug. 23	Sept. 20	15
		Sept. 23	Oct. 9	17	Sept. 22	Oct. 9	29
Kent.....1	Dover (Waterloo Crescent)	Jan. 31	Feb. 20	21	Jan. 24	Mar. 2	18
		May 4	May 18	15	May 4	May 18	38
		June 10	June 25	16	June 10	June 25	15
		July 11	July 25	15	July 11	July 25	16
„	Edenbridge (Falconhurst)	Sept. 1	Sept. 20	20	Aug. 14	Sept. 20	38
		Sept. 22	Oct. 9	18	Sept. 22	Oct. 9	18
		Jan. 23	Feb. 20	29	Jan. 23	Feb. 20	29
		May 4	May 18	15	May 4	May 18	15
Sussex	Worthing (Beach House Park)	Aug. 14	Sept. 20	38	June 10	June 25	16
		Sept. 22	Oct. 9	18	Aug. 14	Sept. 20	38
		Jan. 24	Feb. 10	18	Sept. 22	Oct. 9	18
		Feb. 12	Mar. 1	18	Jan. 24	Mar. 1	37
Hampshire	St. Catherine's Point Lighthouse	Aug. 14	Sept. 20	38	June 10	June 25	16
		Sept. 22	Oct. 8	17	July 11	July 25	15
		Jan. 24	Feb. 8	16	Aug. 14	Sept. 20	38
		Aug. 22	Sept. 20	30	Sept. 22	Oct. 8	17
„	Southampton (East Park)	Jan. 24	Feb. 8	16	Jan. 24	Feb. 8	16
		Aug. 22	Sept. 20	30	Feb. 10	Mar. 1	20
		Sept. 22	Oct. 6	15	Aug. 21	Sept. 20	31
					Sept. 22	Oct. 8	17

Table 3c. Droughts and Dry Spells in 1959 (continued)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted	Began	Ended	Lasted
ENGLAND AND WALES (continued)	Hampshire8	Jan. 24	Feb. 8	days 16	Jan. 22	Feb. 8	days 18
		...	...	...	Feb. 10	Mar. 1	20
Hertford2	Harpden (Rothamsted) . . . . .	...	...	...	May 4	May 19	16
		Aug. 23	Sept. 20	...	June 5	June 23	19
Oxford3	Oxford (Radcliffe Meteorological Station)	Sept. 22	Oct. 8	17	Aug. 23	Sept. 20	29
		May 4	May 18	...	Sept. 22	Oct. 9	18
Northampton4	Wellingborough (Swanspool)	Aug. 23	Sept. 20	29	Jan. 24	Mar. 1	37
		...	...	...	May 4	May 18	15
Huntingdon1	Whittlesea Mere	Aug. 14	Sept. 20	38	Aug. 23	Sept. 20	29
		Jan. 24	Feb. 8	16	Jan. 23	Feb. 20	29
Cambridge2	Cambridge (Botanic Gardens) . . . . .	...	...	...	May 4	May 18	15
		Aug. 22	Sept. 20	30	June 9	June 23	15
Essex3	Shoeburyness	Sept. 22	Oct. 9	18	Aug. 22	Oct. 9	49
		May 4	May 18	...	...	...	...
		...	...	...	Feb. 5	Feb. 20	...
		...	...	...	May 4	May 19	16
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16
		...	...	...	Aug. 14	Sept. 20	38
		...	...	...	Sept. 22	Oct. 9	18
		...	...	...	Jan. 24	Feb. 20	28
		...	...	...	May 4	May 18	15
		...	...	...	June 10	June 25	16

Table 3c. Droughts and Dry Spells in 1959 (*continued*)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lastest	Began	Ended	Lastest
				days			days
ENGLAND AND WALES (<i>continued</i>) Somerset .....3	Taunton (Vivary Park).....	Feb. ... 12	Feb. ... 28	...	Jan. 23	Feb. 8	17
		...	...	17	Feb. 10	Mar. 1	20
		Sept. 5	Sept. 20	...	July 11	July 25	15
Hereford .....1	Ross-on-Wye.....	Sept. 22	Oct. 8	17	Sept. 5	Sept. 20	16
		...	...	...	Sept. 22	Oct. 8	17
		...	...	...	Jan. 24	Feb. 8	16
Shropshire .....3	Shrewsbury.....	...	...	...	Feb. 10	Mar. 1	20
		...	...	...	June 7	June 23	17
		...	...	...	Aug. 21	Sept. 20	31
Warwick .....1	Wellesbourne.....	Aug. 21	Sept. 20	31	Aug. 22	Oct. 9	18
		Sept. 22	Oct. 9	18	Aug. 14	Sept. 20	38
		Aug. 14	Sept. 20	38	Sept. 22	Oct. 9	18
Leicester .....4	Loughborough (Nanpantan Res.).....	...	...	...	Jan. 24	Feb. 13	21
		...	...	...	Feb. 15	Mar. 1	15
		...	...	...	May 4	May 19	16
Lincoln .....3	Potterhanworth (Old Hall) .....	...	...	...	June 10	June 24	15
		...	...	...	Aug. 22	Sept. 20	30
		Sept. 22	Oct. 9	18	Sept. 22	Oct. 9	18
Nottingham .....5	Mansfield (Carr Bank) .....	...	...	...	Jan. 23	Feb. 13	22
		...	...	...	May 2	May 18	17
		...	...	...	June 10	June 24	15
		Aug. 14	Sept. 15	33	Aug. 14	Sept. 15	33
		Sept. 22	Oct. 11	20	Sept. 22	Oct. 11	20
		Jan. 23	Feb. 13	22
		Feb. 15	Mar. 1	15
		May 4	May 18	15
		Aug. 14	Sept. 14	32	Aug. 14	Oct. 11	...
		Sept. 22	Oct. 10	19
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Table 3c. Droughts and Dry Spells in 1959 (continued)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted Rain in.
ENGLAND AND WALES (continued)							
Cheshire 2	Northwich (Winnington) . . . . .	... Aug. Sept.	... Sept. Oct.	... 30 21	23 Aug. Sept.	Feb. Sept. Oct.	29 30 25
" 3	Birkenhead (Bidston Observatory) . . . . .	... Aug. Sept.	... Sept. Oct.	... 24 15	31 Aug. Sept.	Feb. Sept. Oct.	21 30 16
Lancashire, C. . . . 1	Squires Gate (Blackpool Airport)	Aug. Sept. Aug.	28 26 15	36	22 Aug. Sept.	20 Sept. Oct.	05 01 03
Yorkshire, W.R. . . 8	Wakefield (Clarence Park) . . . . .	... Jan. Aug.	... Feb. Sept.	... 21 32	26 Jan. Aug.	11 Feb. Sept.	16 21 34
" E.R. . . . 3	Hull (Pearson Park) . . . . .	... May June Sept.	... June June Sept.	... 15 15	23 Jan. May	14 Feb. June	23 23 16
" N.R. . . . 2	Felixkirk (Mount St. John) . . . . .	... Aug. Jan.	... Sept. Feb.	... 32 20	12 Aug. Jan.	3 Sept. Feb.	02 02 21
" . . . 5	Scarborough . . . . .	... June Aug. Aug.	... June Aug. Sept.	... 17 15 16	14 Aug. Jan.	19 Sept. Feb.	04 02 01
Durham 2	Durham (University Observatory) . . . . .	... June Aug. Sept.	... June Aug. Sept.	... 16 16	22 Sept. Jan.	10 Oct. Feb.	... 19 21
Northumberland . 6	Ilderton (Lilburn Tower Gardens) . . . . .	... Aug. Jan.	... Sept. Feb.	... 23 15	28 Aug. Jan.	3 June Sept.	15 16 37
		... Aug. Sept.	... Sept. Oct.	... 19 10	8 May Aug.	3 June Sept.	27 23 16

Table 3C. Droughts and Dry Spells in 1959 (continued)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted	Began	Ended	Lasted
ENGLAND AND WALES (<i>continued</i>)							
Cumberland .....1	Geltsdale.....	Aug. 28	Sept. 15	days 19	Aug. 28	Sept. 19	days 23
"2	Keswick (Derwent Island).....	Sept. 26	Oct. 11	16	Sept. 26	Oct. 11	16
		May 16	May 30	15	May 16	May 30	15
		Aug. 25	Sept. 19	26	Aug. 24	Sept. 19	27
		Sept. 26	Oct. 11	16	Sept. 26	Oct. 11	16
Westmorland ....2	Ambleside	...	...	...	Jan. 30	Feb. 13	15
		Aug. 25	Sept. 19	26	Aug. 25	Sept. 19	26
		Sept. 26	Oct. 10	15	Sept. 26	Oct. 11	16
Glamorgan .....7	Cardiff (Penylan).....	...	...	...	Jan. 23	Feb. 8	17
		Aug. 24	Sept. 20	28	Aug. 24	Sept. 20	28
		...	...	...	Sept. 22	Oct. 8	17
Carmarthen .....2	Llanddeusant (Pontcrynfe) .....	...	...	...	Jan. 23	Feb. 8	17
		Aug. 24	Sept. 20	28	Aug. 21	Sept. 20	31
Pembroke .....4	Haverfordwest (Hospital Grounds)	Aug. 22	Sept. 20	30	Aug. 21	Sept. 20	31
Radnor .....1	Birmingham W.W. (Nantgwyllt) .....	...	...	...	Jan. 24	Feb. 8	16
		Aug. 22	Sept. 20	30	Aug. 21	Sept. 20	31
		...	...	...	Sept. 22	Oct. 8	17
Montgomery.....5	Lake Vyrnwy (Experimental Stn.) .....	...	...	...	Jan. 23	Feb. 13	22
		Aug. 23	Sept. 20	29	Aug. 22	Sept. 20	30
Merioneth.....5	Aberdovey (Plas Penhelig).....	Jan. 24	Feb. 8	16	Jan. 24	Feb. 8	16
		Aug. 27	Sept. 20	25	Aug. 27	Sept. 20	25
Anglesey	Llanerchymedd (Llwydiarth Esgob).....	Aug. 28	Sept. 19	23	Aug. 15	Sept. 19	36
		...	...	...	Sept. 22	Oct. 6	15
ISLE OF MAN	Douglas (Borough Cemetery).....	Aug. 28	Sept. 19	23	Aug. 14	Sept. 19	37
SCOTLAND							
Wigtown .....1	Castle Kennedy (Lochinch).....	...	...	...	May 12	May 30	19
		Aug. 26	Sept. 19	25	Aug. 24	Sept. 19	27
Kirkcudbright ...5	Lochrutton (Dumfries Waterworks) .....	...	...	...	Jan. 30	Feb. 14	16
		...	...	...	Aug. 24	Sept. 19	27
Peebles.....2	Stobo Castle.....	...	...	...	May 14	May 30	17
		May 14	May 30	17	Aug. 28	Sept. 19	23
		Aug. 30	Sept. 19	21	Sept. 25	Oct. 11	17
		Sept. 26	Oct. 11	16			

Table 3c. Droughts and Dry Spells in 1959 (continued)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lastest	Began	Ended	Lastest
				days			days
SCOTLAND (continued)	Marchmont House	May 8	May 30	23	May 8	May 30	23
	Berwick .....4	Aug. 24	Sept. 19	...	July 28	Aug. 12	16
		Sept. 25	Oct. 10	27	Aug. 16	Sept. 19	35
		Aug. 28	Sept. 19	16	Sept. 25	Oct. 10	16
		Sept. 26	Oct. 11	23	Aug. 28	Sept. 19	23
Lanark.....5	Strathaven (Glengavel Reservoir).....	Aug. 28	Sept. 19	16	Sept. 26	Oct. 11	16
		Sept. 28	Sept. 19	23	Aug. 25	Sept. 19	26
		July 29	Aug. 12	15	July 29	Aug. 12	15
Renfrew.....3	Greenock (Prospect Hill).....	Sept. 26	Oct. 11	...	Aug. 25	Sept. 19	26
		...	...	16	Sept. 26	Oct. 11	16
		...	...	...	Sept. 26	Oct. 11	16
Stirling.....1	Falkirk (Arnotdale)	Sept. 26	Oct. 11	...	Aug. 25	Sept. 19	26
		...	...	16	Sept. 26	Oct. 11	16
		...	...	...	Sept. 26	Oct. 11	16
Argyll .....2	Morvern (Drimmin).....	...	...	...	May 12	May 29	18
		...	...	...	Jan. 23	Feb. 8	17
		...	...	...	Aug. 25	Sept. 19	26
"14	Islay (Eallabus) .....	...	...	...	Jan. 21	Feb. 8	19
		...	...	...	Jan. 20	Feb. 20	32
		...	...	...	May 8	May 30	23
Tiree Airport.....14		...	...	...	Aug. 16	Sept. 19	35
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 20	Feb. 14	26
Leuchars Airfield .....3		...	...	...	May 14	May 30	17
		...	...	...	Sept. 26	Oct. 10	15
		...	...	...	Jan. 24	Feb. 20	28
Perth .....11		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Aberfeldy (Tigh'n Eilean) .....11		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Braemar (Bank).....1		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Dyce (Craibstone).....2		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Peterhead (Forehill Works).....4		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Ballindalloch .....3		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
Banff .....3		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28
in.		...	...	...	Aug. 28	Sept. 19	23
		...	...	...	Sept. 25	Oct. 10	16
		...	...	...	Jan. 24	Feb. 20	28

Table 3c. Droughts and Dry Spells in 1959 (concluded)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted Rain days
SCOTLAND (continued)	Nairn (Achareidh).....2	Jan. 24	Feb. 13	21	Jan. 24	Feb. 13	21
		...	...	...	May 13	May 27	15
		...	...	...	Aug. 30	Sept. 19	21
		...	...	...	Sept. 27	Oct. 11	15
		...	...	...	Jan. 24	Feb. 12	20
Inverness.....2	Dalwhinnie.....	...	...	...	Sept. 26	Oct. 15	20
".....6	Loch Ness (Garthbeg).....	Jan. 24	Feb. 12	20	Jan. 24	Feb. 12	20
		...	...	...	May 16	May 30	15
		...	...	...	Aug. 31	Sept. 19	20
		Sept. 27	Oct. 11	15	Sept. 25	Oct. 15	21
".....17	Fort William (Secondary School).....	...	...	...	Oct. 1	Oct. 15	15
Ross and Cromarty 7	Inverbroom (Glackour).....	Jan. 30	Feb. 13	15	Jan. 27	Feb. 13	18
		May 6	May 29	24	May 6	May 29	24
		...	...	...	Aug. 30	Sept. 19	21
		Oct. 1	Oct. 15	15	Sept. 28	Oct. 15	18
" 9	Loch Duich (Ratagan).....	...	...	...	Jan. 30	Feb. 13	15
		May 6	May 29	23	May 6	May 29	23
" 10	Stornoway Airport.....	...	...	...	Jan. 24	Feb. 8	16
		May 8	May 28	21	Jan. 8	May 28	21
		Jan. 28	Feb. 12	16	Jan. 28	Feb. 12	16
Sutherland .....1	Overscaig.....	May 12	May 28	17	May 12	May 28	17
		...	...	...	Sept. 28	Oct. 12	15
		...	...	...	Jan. 25	Feb. 12	19
".....4	Tongue.....	...	...	...	Jan. 13	May 27	15
		...	...	...	May 13	May 27	15
		...	...	...	Aug. 28	Sept. 19	23
Caitness.....2	Wick Airport.....	Jan. 31	Feb. 17	18	Jan. 30	Feb. 18	20
		...	...	...	May 13	May 28	16
		Sept. 1	Sept. 20	20	Sept. 1	Sept. 20	20
NORTHERN IRELAND	Armagh.....5	...	...	...	Aug. 24	Sept. 19	27
	Down.....5	Aug. 24	Sept. 19	27	Aug. 24	Sept. 19	27
	

Table 3c. Droughts and Dry Spells in 1960

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lastest	Began	Ended	Lastest
				days			days
ENGLAND AND WALES							
London 2	St. Pancras (Camden Square) . . . . .	...	...	...	Mar. 11	Mar. 26	16
Kent 1	Dover (Waterloo Crescent) . . . . .	...	...	...	Apr. 13	May 10	28
" 4	Edenbridge (Falconhurst) . . . . .	...	...	...	Mar. 12	Mar. 26	15
Sussex 3	Worthing (Beach House Park) . . . . .	...	...	...	Mar. 12	Mar. 26	15
Hampshire 1	St. Catherine's Point Lighthouse	Apr. 16	Apr. 30	15	Apr. 13	May 10	28
" 4	Southampton (East Park) . . . . .	...	...	...	Apr. 16	May 10	15
" 8	South Farnborough (R.A.E.) . . . . .	...	...	...	Apr. 16	May 9	24
Hertford 2	Harpenden (Rothamsted) . . . . .	...	...	...	Apr. 14	Apr. 30	17
Oxford 3	Oxford (Radcliffe Meteorological Stn.) . . . . .	...	...	...	Mar. 13	Mar. 27	15
Northampton 4	Wellingborough (Swanspool) . . . . .	...	...	...	Apr. 13	May 10	28
Huntingdon 1	Whittlesea Mere . . . . .	...	...	...	May 21	June 6	17
Cambridge 2	Cambridge (Botanic Gardens) . . . . .	...	...	...	Mar. 11	Mar. 27	17
Essex 3	Shoebury	May 19	June 6	19	Apr. 10	Apr. 25	16
" 5	Earls Colne (Grammar School)	Mar. 12	Mar. 27	16	May 14	June 6	24
Suffolk 4	Lowestoft (Secondary School) . . . . .	...	...	...	Mar. 12	Mar. 27	16
Norfolk 3	Sandringham House Gardens	May 21	June 4	15	May 20	June 4	15
		...	...	...	Mar. 12	Mar. 27	16
		...	...	...	Apr. 11	May 2	22
		...	...	...	Apr. 10	Apr. 25	16
		Apr. 27	May 11	15	Apr. 27	May 11	15
		May 21	June 5	16	May 21	June 5	16
		...	...	...	May 14	June 5	23
		Mar. 13	Mar. 28	16	Mar. 13	Mar. 28	16
		May 19	June 3	16	May 19	June 5	18
							in.
							.05
							.07
							.03
							.05
							.04
							.00
							.05
							.03
							.06
							.02
							.12
							.01
							.07
							.01
							.02
							.05
							.03
							.05
							.03
							.03
							.00
							.06
							.01
							.04
							.12
							.07
							.00
							.00
							.04
							.00
							.03

Table 3c. Droughts and Dry Spells in 1960 (*continued*)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted days
ENGLAND AND WALES (<i>continued</i>)							
Devonshire, S.5	Teignmouth (Den Gardens)	Apr. 16	May 9	24	Apr. 16	May 16	in.
Devonshire, N.1	Ilfracombe (Bowling Green)	Apr. 16	May 10	25	May 15	June 4	24
Cornwall1	Bude (School House)	Apr. 16	May 9	24	Apr. 16	May 10	21
"2	St. Austell (Poltair Public Gardens)	June 17	July 2	16	June 16	July 3	25
"4	Scilly (St. Mary's Coastguard Station)	Apr. 16	May 9	24	June 16	July 3	18
Somerset1	Bath (Henrietta Park)	Apr. 16	May 3	18	Apr. 16	May 9	24
"3	Taunton (Vivary Park)	Apr. 17	May 1	15	Apr. 16	May 9	24
Hereford1	Ross-on-Wye	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Shropshire3	Shrewsbury (Monkmoor)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Warwick1	Wellesbourne	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Lincoln3	Potterhanworth (Old Hall)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Nottingham5	Mansfield (Carr Bank)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Cheshire2	Northwich (Winnington)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
"3	Birkenhead (Bidston Observatory)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Lancashire, C.1	Squires Gate (Blackpool Airport)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Yorkshire, W.R.8	Wakefield (Clarence Park)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
"3	Hull (Pearson Park)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
"2	Felixkirk (Mount St. John)	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
"5	Scarborough	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15

Table 3c. Droughts and Dry Spells in 1960 (*continued*)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lasted days	Began	Ended	Lasted Rain in.
ENGLAND AND WALES (<i>continued</i>)							
Durham.....2	Durham (University Observatory).....	... June 16 June 16	... June 30 July 2	... 15 17	May 24 June 16 June 16 June 16	June 14 June 30 July 2 July 2	22 15 17 17
Cumberland.....2	Keswick (Netherholme).....	...	...	...	Apr. 16	Apr. 30	15
Westmorland.....2	Ambleside.....	...	...	...	Apr. 16	May 7	22
Glamorgan.....7	Cardiff (Penylan).....	Apr. 16	Apr. 30	15	Apr. 16	Apr. 30	15
Carmarthen.....2	Llandilo (Golden Grove Farm Institute).....	Apr. 16	May 1	16	Apr. 16	May 7	22
Pembroke.....4	Haverfordwest (Hospital Grounds).....	Apr. 16	May 2	17	Apr. 16	May 2	17
Radnor.....1	Birmingham W.W. (Nantgwyllt).....	...	...	...	Apr. 16	May 8	23
Montgomery.....5	Lake Vyrnwy (Experimental Station).....	Apr. 16	Apr. 30	15	Apr. 15	Apr. 30	16
Merioneth.....5	Aberdovey (Plas Penhelig).....	...	...	...	Apr. 16	May 2	17
Anglesey.....	Llanerchymedd (Llwydiarth Esgob).....	...	...	...	Apr. 14	May 4	21
ISLE OF MAN							
	Douglas (Borough Cemetery).....	Apr. 15	May 2	18	Apr. 14	May 2	19
SCOTLAND							
Kirkcudbright...5	Lochrutton (Dumfries Waterworks).....	...	...	...	June 18	July 2	15
Peebles.....2	Stobo Castle.....	...	...	...	June 15	June 29	15
Berwick.....4	Marchmont House.....	...	...	...	Apr. 14	Apr. 29	16
Lanark.....5	Strathaven (Glengavel Reservoir).....	...	...	...	June 16	June 30	15
Renfrew.....3	Greenock (Prospect Hill).....	...	...	...	June 16	July 3	18
Argyll.....11	Inveraray Castle Gardens.....	...	...	...	Apr. 15	May 2	18
".....14	Islay (Eallabus).....	...	...	...	June 16	July 2	17
		...	...	...	June 18	July 2	15
		...	...	...	June 16	July 1	16

Table 3c. Droughts and Dry Spells in 1960 (*concluded*)

County and River Division	Station	Absolute Droughts			Dry Spells		
		Began	Ended	Lastest	Began	Ended	Lastest
SCOTLAND (<i>continued</i>)	Fife .....	...	...	days	June 15	July 4	in.
	Aberdeen .....	...	...	...	Mar. 16	Mar. 31	20
	Apr. 25	May 10	16
	Apr. 25	May 10	16
	Mar. 21	Apr. 7	18
	Mar. 4	Mar. 18	15
	Mar. 21	Apr. 7	18
	Mar. 4	Mar. 26	23
	June 19	July 4	16
	June 19	July 4	16
NORTHERN IRELAND	May 5	May 22	18
	Apr. 14	May 2	19
	June 16	July 2	17
	Apr. 15	May 2	18
	June 16	July 1	16
Tyrone	Apr. 15	May 2	18
	Apr. 15	May 2	18

4 Rain Spells and Wet Spells in 1959 and 1960

The definitions of the terms “rain spell” and “wet spell” are analogous to those of the terms “absolute drought” and “dry spell” used in the previous section, that is, a “rain spell” is a period of at least 15 consecutive days to each of which is credited .01 in. of rain or more, and a “wet spell” is a period of at least 15 consecutive days to each of which is credited .04 in. of rain or more. More concisely, a “rain spell” contains 15 or more consecutive rain-days, a “wet spell” has a similar number of wet-days.

The introduction of computer programmes for checking and processing rainfall data is at present under consideration, and may be brought into use with the data for 1961. This would make possible certain changes in the methods of defining and discussing rain spells and wet spells, but in the present volume the old definitions are retained, and the tables discussed are in every way comparable with those of previous years.

Table 4AB gives the number and mean duration of all rain spells and wet spells at the 82 stations listed in Table 2B, Section 2, for each of the 21 years 1940–60, while Table 4c gives particulars of all such spells occurring during the years 1959 and 1960. In Table 4AB, the conventions adopted for allocation of spells, which cover parts of two years, to a particular year, were first printed in *British Rainfall* 1926, p. 25, and were repeated in *British Rainfall* 1937, p. 22. As regards Table 4c, the date of the commencement of a rain spell or wet spell which began in the year previous to that under review, is printed in the form (e.g.) 17.xii.58. One such wet spell, for Islay (Eallabus), Argyll-shire, commenced

17.xii.58, and was recorded in *British Rainfall* 1958 while a number, although ending in January 1960, were of sufficient duration to be included in Table 4c for 1959. Details of such spells are printed in italics. In 1959, 33 of the selected stations had neither a rain spell nor wet spell but in 1960 only 19 failed to record either; these stations have been omitted from the tables.

Main periods of rain spells during 1959 and 1960

Rain spells occurred mainly during five different periods in 1959 (December 17, 1958–January 24, February 18–March 6, March 22–April 21, June 21–July 13, October 15–December 31) and during seven different periods in 1960 (December 10, 1959–January 5, January 7–February 5, February 12–March 5, March 30–April 15, July 1–September 24, September 26–December 9, December 14–December 31).

It will be noticed that after about mid-July in 1959 there was no rain spell for three months, whereas in 1960 rain spells occurred almost without a break from the beginning of July until the end of the year. In 1959 rain spells covered 187 days but in 1960 they covered 274 days—about three more months during the year.

Main periods of wet spells during 1959 and 1960

Wet spells occurred mainly during six different periods in 1959 (December 18, 1958–January 8, March 24–April 15, June 28–July 12, October 16–November 6, November 8–December 5, December 10–December 31).

In 1960 wet spells affected every month of the year except May and June.

It will be noticed that neither 1959 nor 1960 had wet spells during May and June; there were none in 1959 during February, August and September.

Main areas affected by rain spells during 1959 and 1960

In 1959 rain spells were mainly confined to Scotland, Northern Ireland, Wales and the western part of England; eastern England and the Midlands were practically free of such spells. They were most frequent during the last two and a half months of the year (October 15–December 31) and occurred on 73 occasions at selected stations. At least one such spell was recorded during the period in most of the above-mentioned areas, and two spells were recorded during the period at places in Cornwall, north Devon, South and central Wales, the Isle of Man, the western and central parts of Northern Ireland and in parts of southern and western Scotland; three spells occurred during the period in central Wales, counties Tyrone and Antrim, Perthshire and the Western Isles of Scotland.

In 1960 rain spells were most frequent during the period September 26–December 9; they were recorded on 62 occasions at the selected stations, mainly in southern England. One spell occurred in most districts of the United Kingdom except in the central and northern Midlands and in eastern Scotland. Two were recorded over England as far north as Oxfordshire and Herefordshire, and also on the Yorkshire coast and in Banffshire. Six different spells occurred at Belleek in Northern

Ireland and seven at Eallabus on the Isle of Islay.

Main areas affected by wet spells in 1959 and 1960

Wet spells in 1959 were most frequent during the period December 10–December 31 when 16 were reported at the selected stations, these occurring mainly in the west of Great Britain and Northern Ireland. In 1960 wet spells were reported most frequently during the period November 8–December 10 when 10 were reported at the selected stations nearly all to the south-west of a line from Southampton to Aberdovey. The next most frequent period was October 16–November 5 when six spells were reported, four in south-east England and two in eastern Scotland.

The duration of rain spells and wet spells during 1959 and 1960

In 1959 the mean duration of a rain spell was 19 days, the longest spell being of 37 days at Newtownbutler (Co. Fermanagh) in the autumn when 5·62 in. were recorded. The mean duration of wet spells in 1959 was 17 days, the longest being 23 days at Dalwhinnie in the spring when 4·10 in. of rain were recorded.

In 1960 the mean duration of rain spells was 20 days, the longest being of 39 days which occurred at Braemar in the autumn when 9·57 in. of rain were recorded; this station also had a rain spell during the spring and during the summer. The mean duration of wet spells during 1960 was 17 days, the longest being of 28 days at Ilfracombe late in the year when 11·68 in. of rain were recorded.

Table 4AB. Rain Spells and Wet Spells at 82 Stations, 1940-1960

Year	RAIN SPELLS*						WET SPELLS†					
	Number at 82 Stations	Mean Duration	Mean rain per day	Longest Duration	Mean rain per day	Stations without one	Number at 82 Stations	Mean Duration	Mean rain per day	Longest Duration	Mean rain per day	Stations without one
1940	67	days 19	in. .27	days 47	in. .44	45	4	days 20	in. .34	days 24	in. .44	79
1941	43	19	.25	34	.26	54	4	16	.36	18	.34	78
1942	94	20	.27	47	.15	32	22	17	.36	24	.54	63
1943	98	22	.27	42	.28	42	15	21	.37	26	.63	71
1944	95	21	.26	67	.19	35	21	18	.63	25	.49	66
1945	86	19	.26	40	.24	35	22	16	.35	20	.41	65
1946	134	21	.28	42	.18	22	42	19	.38	37	.40	57
1947	82	20	.26	34	.20	26	21	17	.35	25	.25	64
1948	107	21	.30	54	.37	37	28	19	.38	31	.28	63
1949	109	22	.30	41	.44	48	32	20	.40	34	.54	68
1950	139	21	.30	50	.35	35	38	19	.41	38	.64	61
1951	112	19	.28	49	.47	23	23	18	.42	32	.39	66
1952	115	20	.24	40	.34	36	24	18	.38	26	.31	66
1953	65	20	.29	31	.18	50	16	19	.44	29	.56	67
1954	151	21	.30	116	.35	33	42	18	.41	37	.38	59
1955	51	18	.20	27	.25	45	6	17	.34	21	.24	76
1956	62	20	.29	32	.36	45	10	20	.45	29	.25	74
1957	107	20	.27	37	.16	27	29	19	.37	24	.47	59
1958	77	19	.23	31	.22	43	9	18	.30	23	.27	75
1959	107	19	.28	37	.15	33	30	17	.37	23	.18	58
1960	117	20	.24	39	.25	19	26	17	.33	28	.42	60

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

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

Table 4c. Rain Spells and Wet Spells in 1959

County and River Division	Station	Rain Spells*				Wet Spells†				Max. in a day during Rain Spells	
		Began	Ended	Lastest	Total Rain	Began	Ended	Lastest	Total Rain	Date	Rain
ENGLAND AND WALES					in.				in.		in.
Sussex 3	Worthing (Beach House Park) . . .	Dec. 13	Dec. 31	19	3.88	...	...	...	...	Dec. 22	.53
Hampshire . . . 1	St. Catherine's Pt. Lighthouse . . .	Dec. 13	Dec. 29	17	4.15	...	...	...	...	Dec. 26	.60
" 4	Southampton (East Park)	Dec. 13	Dec. 31	19	4.21	...	...	...	...	Dec. 25	.54
Devon, S. 5	Teignmouth (Den Gardens)	Dec. 12	Dec. 29	18	4.23	...	...	...	...	Dec. 14	.74
Devon, N. 1	Ilfracombe (Bowling Green)	Nov. 23	Dec. 8	16	6.11	...	...	...	...	Nov. 25	1.64
		Dec. 13	Dec. 29	17	6.19	Dec. 13	Dec. 29	17	6.19	Dec. 19	.85
Cornwall 1	Bude (School House)	24.xii.58	Jan. 8	16	3.26	...	...	...	...	Jan. 5	.99
		Nov. 23	Dec. 8	16	4.66	...	...	...	...	Nov. 25	1.29
" 2	St. Austell (Poltair Public Gdns.) . .	Dec. 13	Dec. 29	17	5.15	Dec. 13	Dec. 29	17	4.15	Dec. 19	.67
		24.xii.58	Jan. 8	16	5.61	24.xii.58	Jan. 7	15	5.60	Jan. 5	1.65
" 4	Scilly (St. Mary's Coastguard Stn.) .	Nov. 8	Nov. 25	18	7.62	...	...	...	...	Nov. 25	1.49
		Dec. 12	Dec. 31	20	6.09	Dec. 13	Dec. 31	19	6.08	Dec. 28	.80
		24.xii.58	Jan. 7	15	3.67	...	...	...	...	Jan. 5	1.19
Somerset 1	Bath (Henrietta Park)	Dec. 13	Dec. 31	19	4.44	...	...	...	...	Dec. 28	.63
Hereford 1	Ross-on-Wye	Dec. 5	Dec. 20	16	4.41	...	...	...	...	Dec. 14	.66
Cheshire 2	Northwich (Winnington)	Dec. 13	Dec. 29	17	4.27	...	...	...	...	Dec. 22	.95
Lancashire, C. 1	Squires Gate (Blackpool Airport) . .	Dec. 15	Dec. 29	15	2.71	...	...	...	...	Dec. 25	.50
Cumberland . . 1	Geltsdale	Dec. 15	Dec. 29	15	4.39	...	...	...	...	Dec. 19	1.00
		June 21	July 5	15	2.46	...	...	...	...	June 25	.54
		Nov. 6	Nov. 30	25	5.49	...	...	...	...	Nov. 13	.89
Westmorland . 2	Ambleside	Dec. 4	Dec. 27	24	4.55	...	...	...	...	Dec. 22	.69
Glamorgan . . . 7	Cardiff (Penylan)	Dec. 11	Dec. 31	21	12.49	Dec. 12	Dec. 31	20	12.46	Dec. 25	1.49
		25.xii.58	Jan. 8	15	3.20	...	...	...	...	Jan. 6	.70
Carmarthen . . . 2	Llandeusan (Pontcrynfe)	Dec. 12	Dec. 29	18	6.39	Dec. 12	Dec. 29	18	6.39	Dec. 19	.97
		24.xii.58	Jan. 11	19	3.70	...	...	...	...	Jan. 6	.70
		Nov. 11	Dec. 8	28	11.62	...	...	...	...	Nov. 25	1.67
Pembroke 4	Haverfordwest (Hospital Gdns.) . .	Dec. 12	Dec. 31	20	8.30	Dec. 15	Dec. 29	15	7.08	Dec. 19	1.31
		Nov. 22	Dec. 8	17	6.36	...	...	...	...	Nov. 25	1.41
		Dec. 10	Dec. 31	22	5.78	...	...	...	...	Dec. 25,	.69
						...	...	...	...	28	

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

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

Table 4C. Rain Spells and Wet Spells in 1959 (continued)

County and River Division	Station	Rain Spells				Wet Spells				Max. in a day during Rain Spells	
		Began	Ended	Lastest	Total Rain	Began	Ended	Lastest	Total Rain	Date	Rain
ENGLAND AND WALES (continued) Radnor1	Birmingham W.W. (Nantgwyllt) . .	25.xii.58	Jan. 12	19	in. 6.09	...	...	days	in.	Jan. 1	in. 1.12
		Nov. 6	Nov. 20	15	4.59	...	...	...	...	Nov. 13	.92
		Nov. 22	Dec. 10	19	7.60	...	...	...	...	Nov. 25	1.90
		Dec. 12	Dec. 31	20	10.52	Dec. 13	Dec. 29	17	9.23	Dec. 25	1.33
		23.xii.58	Jan. 12	21	6.89	25.xii.58	Jan. 8	15	6.53	Jan. 1	1.98
Montgomery . . .5	Lake Vyrnwy (Experimental Stn.) . .	Nov. 23	Dec. 8	16	4.85	...	...	...	...	Nov. 25	1.53
Merioneth5	Aberdovey (Plas Penhelig)	Dec. 10	Dec. 31	22	11.59	Dec. 12	Dec. 31	20	11.44	Dec. 25	1.71
		25.xii.58	Jan. 12	19	4.51	...	...	...	...	30.xii.58	.82
Anglesey	Llanerchymedd (Llwydiarth Esgob)	Nov. 6	Nov. 29	24	6.16	...	...	...	...	Nov. 25	1.81
		Dec. 10	Dec. 31	22	5.17	Dec. 10	Dec. 29	20	4.78	Dec. 19	.78
ISLE OF MAN	Douglas (Borough Cemetery)	Dec. 15	Dec. 31	17	4.12	...	...	...	...	Dec. 19	1.10
		Feb. 19	Mar. 6	16	1.21	...	...	...	...	Feb. 23	.25
SCOTLAND	Wigtown1	Nov. 8	Nov. 29	22	6.21	...	...	...	...	Nov. 20	1.12
		Dec. 11	Dec. 29	15	6.49	...	...	...	...	Dec. 29	1.02
Kirkcudbright .5	Castle Kennedy (Lochinch)	Dec. 15	Dec. 31	17	4.73	...	...	...	...	Dec. 31	.70
		Feb. 18	Mar. 6	17	1.71	...	...	...	...	Mar. 2	.37
Peebles2	Lochrutton (Dumfries W.W.) . . .	Nov. 12	Dec. 2	21	8.38	Nov. 18	Dec. 2	15	7.80	Nov. 20	1.46
		Dec. 15	Dec. 31	17	6.05	...	...	...	...	Dec. 22	1.13
Berwick4	Stobo Castle	Apr. 3	Apr. 17	15	1.86	...	...	...	...	Apr. 17	.42
		Nov. 8	Nov. 25	18	5.70	Nov. 8	Nov. 25	18	5.70	Nov. 13	1.00
Lanark5	Marchmont House	Nov. 12	Nov. 26	15	3.98	...	...	...	...	Nov. 13	.84
		Dec. 15	Dec. 31	17	1.94	...	...	...	...	Dec. 29	.32
Renfrew3	Strathaven (Glengavel Reservoir) .	Feb. 19	Mar. 5	15	2.45	...	...	...	...	Feb. 24	.62
		Nov. 18	Dec. 2	15	4.30	Nov. 18	Dec. 2	15	4.30	Nov. 22	.80
Stirling1	Greenock (Prospect Hill)	Dec. 16	Dec. 31	16	5.48	Dec. 16	Dec. 31	16	5.48	Dec. 16	.98
		Dec. 11	Dec. 31	21	8.48	...	...	...	...	Dec. 29	1.13
	Falkirk (Arnotdale)	Nov. 12	Dec. 2	21	4.67	...	...	...	...	Nov. 13	.73

Table 4C. Rain Spells and Wet Spells in 1959 (continued)

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
SCOTLAND (continued) Argyll .....2	Morvern (Drimnin).....	18.xii.58	Jan. 4	18 days	in. 4.34	18.xii.58	Jan. 1	15 days	in. 4.18	Jan. 1	in. .68
		Nov. 22	Dec. 9	18	6.38	...	...	...	...	Nov. 24	1.32
		Dec. 11	Dec. 31	21	7.97	...	...	...	...	Dec. 29	.92
	Inveraray Castle Gardens.....	18.xii.58	Jan. 4	18	7.49	18.xii.58	Jan. 1	15	7.38	Jan. 1	1.97
		Mar. 22	Apr. 8	18	5.68	...	...	...	...	Mar. 31	1.16
"11		Dec. 11	Dec. 31	21	11.34	Dec. 11	Dec. 31	21	11.34	Dec. 31	1.48
	Islay (Eallabus).....	17.xii.58	Jan. 4	19 days	5.53	...	...	...	...	Jan. 1	.90
		Oct. 16	Nov. 3	19	6.62	...	...	...	...	Oct. 26	1.37
		Nov. 22	Dec. 9	18	5.38	...	...	...	...	Dec. 8	1.10
		Dec. 11	Dec. 31	21	6.53	Dec. 12	Dec. 27	16	4.68	Dec. 29	.98
"14	Tiree Airport.....	18.xii.58	Jan. 4	18	3.77	19.xii.58	Jan. 3	16	3.72	Jan. 10	.67
		Oct. 16	Nov. 12	28	7.74	...	...	...	...	Oct. 17	1.05
		Nov. 21	Dec. 8	18	3.87	...	...	...	...	Nov. 22	.59
		Dec. 12	Dec. 27	16	4.09	Dec. 12	Dec. 27	16	4.09	Dec. 13	.62
	Aberfeldy (Tigh'n Eilean).....	Mar. 24	Apr. 15	23	2.64	...	...	...	...	Mar. 11	.47
Perth .....11		Oct. 16	Nov. 3	19	5.58	...	...	...	...	Oct. 17	2.10
		Nov. 13	Dec. 13	31	9.98	...	...	...	...	Dec. 6	2.24
		Dec. 15	Dec. 31	17	4.49	...	...	...	...	Dec. 17	1.17
		Mar. 24	Apr. 7	15	1.09	...	...	...	...	Apr. 7	.31
	Braemar (Bank).....	Oct. 16	Oct. 31	16	2.72	...	...	...	...	Oct. 26	.77
Nairn .....2	Nairn (Achareidh).....	Mar. 24	Apr. 15	23	4.10	Mar. 24	Apr. 15	23	4.10	Mar. 31	.55
	Dalwhinnie.....	Mar. 31	Apr. 15	16	2.14	...	...	...	...	Mar. 31	.44
	Loch Ness (Garthbeg).....	Oct. 16	Oct. 31	16	4.43	...	...	...	...	Oct. 26	1.05
		19.xii.58	Jan. 4	17	5.10	...	...	...	...	30.xii.58	.99
	Fort William (Secondary School) .	Mar. 25	Apr. 15	22	7.35	Mar. 30	Apr. 13	15	5.48	Mar. 31	1.19
"17		June 24	July 13	20	5.44	...	...	...	...	July 11	1.69
		Dec. 11	Dec. 31	21	9.98	Dec. 11	Dec. 26	16	6.59	Dec. 29	1.41

County and River Division	Station	Rain Spells			Wet Spells			Max. in a day during Rain Spells	
		Began	Ended	Lasted	Rain	Began	Ended		Lasted	Rain
ENGLAND AND WALES									
London 2	St. Pancras (Camden Square)	Oct. 14	Nov. 4	22 days	in.	Oct. 19	Nov. 4	4 days	in.
		Nov. 8	Nov. 28	21	5.00	...	...	17	4.83
Kent 4	Edenbridge (Falconhurst)	Oct. 19	Nov. 5	18	3.41	Oct. 19	Nov. 5	18	...
		Nov. 17	Dec. 9	23	7.60	...	...	...	7.60
Sussex 3	Worthing (Beach House Park)	13.xii.59	Jan. 4	23	4.78	...	...	...	...
		Oct. 19	Nov. 5	18	4.42	Oct. 19	Nov. 4	17	...
		Nov. 21	Dec. 6	16	7.44	...	...	...	7.41
Hampshire . . . 1	St. Catherine's Point Lighthouse	Nov. 8	Dec. 7	30	3.79	...	...	...	...
„ . . . 4	Southampton (East Park)	13.xii.59	Jan. 4	23	6.45	...	...	...	...
		July 4	July 19	16	4.82	...	...	...	...
		Nov. 8	Nov. 26	19	3.78	...	...	...	...
„ . . . 8	South Farnborough (R.A.E.)	Oct. 17	Nov. 5	20	3.91	Nov. 8	Nov. 26	19	...
Hertford 2	Harpenden (Rothamsted)	Oct. 17	Nov. 4	19	5.31	Oct. 19	Nov. 4	17	...
		Nov. 11	Nov. 27	17	4.85	...	...	...	4.74
		Oct. 17	Nov. 5	20	2.84	...	...	...	...
Oxford 3	Oxford (Radcliffe Meteorological Station)	Nov. 11	Nov. 28	18	5.47	...	...	...	...
	Whittlesea Mere	Nov. 13	Nov. 27	15	2.76	...	...	...	...
Huntingdon . . 1	Shoeburyness	Oct. 19	Nov. 4	17	2.19	...	...	...	...
Essex 3	Earls Colne (Grammar School)	Oct. 17	Nov. 4	19	5.39	...	...	...	...
„ 5	Lowestoft (Secondary School)	Oct. 25	Nov. 8	15	4.91	...	...	...	...
Suffolk 4	Sandringham House Gardens	Jan. 7	Jan. 24	18	3.00	...	...	...	...
Norfolk 3	Teignmouth (Den Gardens)	Nov. 8	Nov. 27	20	2.80	...	...	...	...
Devonshire, S. 5	Ilfracombe (Bowling Green)	Nov. 9	Dec. 6	28	3.74	...	...	...	...
Devonshire, N. 1	Bude (School House)	Sept. 27	Oct. 14	18	11.68	Nov. 9	Dec. 6	28	...
Cornwall 1		Nov. 8	Nov. 26	19	8.36	Sept. 27	Oct. 13	17	...
		Dec. 16	Dec. 31	16	4.45	...	...	...	...
		12.xii.59	Jan. 4	24	2.68	...	...	...	...
„ 2	St. Austell (Poltair Public Gdns.)	Sept. 26	Oct. 14	19	7.00	13.xii.59	Jan. 4	23	...
		Nov. 8	Nov. 26	19	8.43	Sept. 27	Oct. 14	18	...
		Dec. 16	Dec. 31	16	5.59	Nov. 8	Nov. 22	15	...
„ 4	Scilly (St. Mary's Coastguard Stn.)	13.xii.59	Jan. 4	23	3.54	...	...	...	...
		Nov. 8	Nov. 26	19	5.03	...	...	...	...
		Dec. 16	Dec. 31	16	4.26	...	...	...	...
					2.81	...	...	...	...

Table 4C. Rain Spells and Wet Spells in 1960 (continued)

County and River Division	Station	Rain Spells			Wet Spells			Max. in a day during Rain Spells	
		Began	Ended	Lasted days	Rain	Began	Ended	Lasted days	Rain
ENGLAND AND WALES (continued)									
Somerset1	Bath (Henrietta Park)	Apr. 1	Apr. 15	15	in. 1.36	...	...	in.	in. .49
		July 4	July 22	19	3.74	...	...	...	.78
		Nov. 8	Dec. 7	30	6.26	Nov. 11	Nov. 26	16	2.05
"3	Taunton (Vivary Park)	July 4	July 24	21	2.68	...	...	...	.86
		Sept. 27	Oct. 11	15	5.81	...	...	...	1.10
		Nov. 12	Nov. 27	16	1.82	...	...	...	.34
Hereford1	Ross-on-Wye	Oct. 14	Oct. 29	16	3.51	Nov. 9	Nov. 26	18	.65
		Nov. 8	Nov. 28	21	3.84	...	...	...	.81
Shropshire3	Shrewsbury (Monkmoor)	Nov. 8	Nov. 28	21	2.54	...	...	...	.45
Lincoln3	Potterhanworth (Old Hall)	Nov. 9	Nov. 27	19	3.15	...	...	...	.65
Nottingham5	Mansfield (Carr Bank)	Nov. 8	Nov. 28	21	3.20	...	...	...	.77
Cheshire2	Northwich (Winnington)	July 9	July 28	20	3.19	...	...	...	.65
		Nov. 19	Dec. 4	16	3.79	...	...	...	.97
"3	Birkenhead (Bidston Observatory)	Nov. 19	Dec. 4	16	4.16	...	...	...	1.11
Yorks, W.R.8	Wakefield (Clarence Park)	Aug. 22	Sept. 6	16	4.09	...	...	...	1.12
" N.R.2	Felixkirk (Mount St. John)	Oct. 13	Nov. 6	25	3.98	...	...	...	.56
" "5	Scarborough	Oct. 5	Oct. 22	18	5.44	...	...	...	1.35
		Oct. 24	Nov. 7	15	3.42	...	...	...	.56
Northumb.6	Ilderton (Lilburn Tower Gdns.) . .	Oct. 13	Nov. 4	23	4.93	...	...	...	.63
Cumberland1	Geltsdale	July 2	July 19	18	4.98	...	...	...	1.40
" "2	Keswick (Netherholme)	July 10	July 25	16	3.80	...	...	...	.67
		Aug. 15	Aug. 29	15	3.65	...	...	...	.97
		Nov. 9	Dec. 5	27	11.61	...	...	...	2.18
Westmorland2	Ambleside	July 10	July 30	21	5.70	...	...	...	1.18
		Nov. 9	Dec. 5	27	13.36	...	...	...	1.08

Table 4c. Rain Spells and Wet Spells in 1960 (*continued*)

County and River Division	Station	Rain Spells			Wet Spells			Max. in a day during Rain Spells	
		Began	Ended	Lastest	Rain	Began	Ended	Lastest	Rain
ENGLAND AND WALES (<i>continued</i>) Glamorgan...7	Cardiff (Penylan).....	July 3	July 24	days 22	in. 5.10	...	...	days	in. 1.17
		Nov. 9	Dec. 6	28	9.94	Nov. 12	Nov. 26	15	5.74
	Llandilo (Golden Grove Farm)...	12.xii.59	Jan. 4	24	9.31	...	...	...	19.xii.59
	Pembroke...4	Nov. 9	Nov. 26	18	9.14	Nov. 9	Nov. 26	18	9.14
	Haverfordwest (Hospital Grds.) ..	10.xii.59	Jan. 4	26	6.71	...	...	...	25.xii.59
Radnor.....1		...	...	...	...	...	...	...	28.xii.59
	Birmingham W.W. (Nantgwyllt) ..	Nov. 8	Nov. 26	19	6.50	Nov. 8	Nov. 26	19	6.50
		12.xii.59	Jan. 4	24	11.41	...	...	...	25.xii.59
		July 4	Aug. 8	36	7.17	...	...	...	July 10
		Aug. 19	Sept. 3	16	4.56	Aug. 19	Sept. 3	16	4.56
Montgomery...5	Lake Vyrnwy (Experimental Stn.)	Nov. 8	Dec. 5	28	15.61	Nov. 9	Nov. 26	18	8.10
		10.xii.59	Jan. 4	26	12.49	...	...	...	25.xii.59
		July 9	July 25	17	4.62	...	...	...	July 17
		Nov. 8	Dec. 5	28	16.02	...	...	...	Dec. 3
		10.xii.59	Jan. 5	27	6.00	...	...	...	19.xii.59
Merioneth...5	Aberdovey (Plas Penhelig).....	Nov. 8	Nov. 26	19	7.18	Nov. 9	Nov. 26	18	7.15
		15.xii.59	Jan. 4	21	4.75	...	...	...	19.xii.59
	Llanerchymedd (Llwydiarth Esgob)	Nov. 8	Nov. 26	19	6.53	...	...	...	Nov. 23
	
	
ISLE OF MAN	Douglas (Borough Cemetery)....	Nov. 8	Nov. 26	19	6.35	...	...	...	Nov. 9
	
	
	
	
SCOTLAND	Marchmont House.....	15.xii.59	Jan. 1	18	2.00	...	...	...	29.xii.59
	Berwick.....4	Oct. 13	Oct. 29	17	4.73	...	...	...	Oct. 18
	Lanark.....5	July 10	July 29	20	2.85	...	...	...	July 17
		Aug. 15	Aug. 29	15	2.56	...	...	...	Aug. 25
		Oct. 17	Nov. 4	19	3.59	...	...	...	Nov. 2
Stirling.....1	Falkirk (Windsor Road).....	Oct. 17	Nov. 3	18	3.19	...	...	...	Nov. 1

Table 4c. Rain Spells and Wet Spells in 1960 (continued)

County and River Division	Station	Rain Spells			Wet Spells			Max. in a day during Rain Spells	
		Began	Ended	Lasted days	Rain in.	Began	Ended	Lasted days	Rain in.
SCOTLAND (continued)	Inveraray Castle Gardens.....	Feb. 19	Mar. 4	15	3.90	...	...	...	in.
	Argyll .....11	Aug. 12	Aug. 27	16	2.89	...	...	...	Feb. 29
"	Islay (Eallabus).....	Nov. 9	Nov. 25	17	4.07	...	...	...	Aug. 21
	.....14	11.xii.59	Jan. 1	22	6.54	...	...	...	Nov. 15
"	Tiree Airport.....	Jan. 14	Feb. 5	23	4.88	...	...	...	29.xii.59
	.....14	Feb. 19	Mar. 4	15	3.32	...	...	...	Feb. 1
"	Leuchars Airfield.....	July 1	July 25	25	4.39	...	...	...	Feb. 26
	.....14	Aug. 12	Aug. 27	16	2.93	...	...	...	Feb. 26
Fife.....3	Braemar (Bank).....	Sept. 10	Sept. 24	15	1.93	...	...	...	July 25
	Aberdeen ....1	Dec. 14	Dec. 31	18	4.86	...	...	...	Aug. 24
"	Dyce (Craibstone).....	Feb. 19	Mar. 4	15	2.70	...	...	...	Sept. 10
	.....2	Dec. 15	Dec. 31	17	3.90	Dec. 15	Dec. 31	17	Dec. 25
"	Peterhead (Forehill Works).....	Oct. 13	Nov. 1	20	5.00	Oct. 16	Oct. 30	15	Feb. 19
	.....3	Apr. 1	Apr. 15	15	2.63	...	...	...	Dec. 29
Banff.....3	Ballindalloch.....	Aug. 5	Aug. 25	21	4.87	...	...	...	Nov. 1
	.....2	Sept. 28	Nov. 5	39	9.57	Oct. 20	Nov. 3	15	Apr. 13
Inverness.....2	Dalwhinnie.....	Oct. 7	Nov. 7	32	9.95	...	...	...	Aug. 25
	.....6	Oct. 28	Nov. 11	15	3.87	...	...	...	Oct. 23
"	Loch Ness (Garthbeg).....	Sept. 30	Oct. 15	16	3.73	...	...	...	Nov. 1
	Fort William (Glasdrum)	Oct. 19	Nov. 6	19	2.98	...	...	...	Nov. 1
"	.....17	Apr. 1	Apr. 15	15	5.17	Apr. 1	Apr. 15	15	Nov. 1
	.....17	July 26	Aug. 25	31	4.70	...	...	...	Apr. 13
"	.....17	Sept. 28	Oct. 12	15	2.35	...	...	...	Aug. 25
	.....17	Aug. 1	Aug. 17	17	2.76	...	...	...	Oct. 4
"	.....17	Aug. 8	Aug. 25	18	5.39	...	...	...	Aug. 6
	.....17	.....	.....	.....	.....	...	...	...	Aug. 25

Table 4c. Rain Spells and Wet Spells in 1960 (concluded)

County and River Division	Station	Rain Spells				Wet Spells				Max. in a day during Rain Spells	
		Began		Ended		Rain	Began	Ended	Lasted	Rain	Date
		Began	Ended	Last	Lasted						
SCOTLAND (continued)					days	in.				in.	
	Loch Duich (Ratagan).....	Aug. 8	Aug. 25		18	5.89	...	...	...	...	Aug. 22
	Stornoway.....	Jan. 10	Jan. 24		15	2.44	...	...	...	...	Jan. 21
	" ".....	Dec. 15	Dec. 31		17	3.64	...	...	...	...	Dec. 26
Sutherland.....	Overscaig.....	Nov. 21	Dec. 8		18	4.20	...	...	...	...	Dec. 5
NORTHERN IRELAND											
	Newtownbutler (Crom Castle)....	15.xii.59	Jan. 3		20	4.71	...	...	...	...	19.xii.59
		July 9	Aug. 1		24	5.91	July 9	July 23	15	4.81	July 13
		Aug. 12	Sept. 6		26	6.25	...	...	...	...	Aug. 19
Fermanagh....		Nov. 8	Dec. 9		32	5.28	...	...	...	...	Nov. 21
		...	...		...	...	...	...	...	...	Nov. 30
		Dec. 15	Dec. 31		37	2.71	...	...	...	...	Dec. 25
		Feb. 12	Mar. 5		23	3.64	Feb. 13	Mar. 27	15	2.76	Feb. 15
" ".....		Mar. 30	Apr. 15		17	2.56	Mar. 30	Apr. 14	16	2.55	Apr. 8
		July 3	Aug. 1		30	7.43	July 3	July 18	16	5.76	July 17
		Aug. 8	Aug. 29		22	5.85	...	...	...	...	Aug. 25
		Aug. 31	Sept. 24		35	4.77	...	...	...	...	Sept. 18
Belleek.....		Nov. 9	Dec. 5		27	4.91	...	...	...	...	Dec. 3
		Aug. 15	Aug. 29		15	3.20	...	...	...	...	Aug. 25
		11.xii.59	Jan. 1		22	4.42	...	...	...	...	19.xii.59
		July 2	July 18		17	4.42	...	...	...	...	July 5
Armagh.....	Armagh Observatory	Aug. 12	Aug. 29		18	3.61	...	...	...	...	Aug. 24
	Ballymena (Harryville).....	Dec. 15	Dec. 31		17	1.98	...	...	...	...	Dec. 25
		July 7	Aug. 1		26	4.67	...	...	...	...	July 16
		Aug. 15	Aug. 29		15	3.15	...	...	...	...	Aug. 24
Tyrone.....		Dec. 15	Dec. 31		17	3.06	...	...	...	...	Dec. 25
	Omagh (Edenfel).....						July 9	July 25	17	3.78	July 16
							...	...	...	...	Aug. 24
							...	...	...	...	Dec. 25

5 Duration of Rainfall in 1959 and 1960

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 in. 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 in.) per hour is low enough to ensure that no fall of practical importance is excluded.

Table 5A gives the total number of hours' duration of rainfall, as defined above, recorded at 145 stations, chosen to give a good representation over the country, during each month of 1959 and 1960 and also the total annual duration for each station for both years. For the purpose of this table the "month" is taken to commence at 9 a.m. G.M.T. on the first day of the calendar month in question and end

at the corresponding hour of the following month.

Table 5B gives the monthly and annual rates of rainfall at 15 stations included in Table 5A for both 1959 and 1960.

Table 5C gives the monthly and annual average duration of rainfall for the 10-year period, 1951-60, for 55 stations distributed over the United Kingdom. In *British Rainfall* 1948, 10-year averages, 1931-40, were published for 50 stations. In *British Rainfall* 1957, 10-year averages, 1941-50, were published for the 27 that remained of this group. For the decade 1951-60 only 25 of the originals remained, the majority in south-east England. These have been supplemented in Table 5C by the addition of another 30 to give a better distribution. Thus, in addition to a good network of 55 stations with 10-year means 1951-60, there are 25 stations with 10-year means for the three decades from 1931-60. From the information mentioned above contained in *British Rainfall* 1948, 1957 and the present volume, 30-year means could be estimated.

Table 5D gives mean rates of rainfall for 15 stations 1951-60.

During 1959 the rainfall at most places in England and Wales was well below the average, but in 1960 the average was exceeded by a large margin, especially in southern England; the duration followed a similar pattern. At many places in southern England there was over 200 hours more rainfall in 1960 than in 1959; at Caterham, Surrey, the excess was as much as 324 hours. Parts of Scotland, on the other hand, had more rainfall in 1959 than in 1960.

The greatest monthly duration totals in 1959 occurred during December almost everywhere; the maximum was 253 hours at Princetown,

Devon, which was also the highest monthly total recorded anywhere during the year. The highest monthly duration totals in 1960 occurred mainly during October, the maximum that month being 180 hours at Glenlivet in Banffshire. However, the highest monthly total of the year was at Cray Reservoir, Brecknockshire, with 225 hours in November.

The lowest duration totals for 1959 occurred during February and September. At a few places the recorded duration was nil and at a number of stations in England only one hour was recorded. In 1960, the lowest duration totals occurred during April in south-east England, but during May or June over most of the rest of the country.

The longest duration of rainfall during the year 1959 was recorded at Snowdon (Cwm Dyli) with 1,307 hours. More than 1,000 hours was recorded locally at high-level stations on Dartmoor, in South Wales, and Snowdonia, the English Lake District, the Southern Uplands and Western Highlands. Many places in south-east England had less than 400 hours. During 1960, the longest duration was again at Snowdon (Cwm Dyli)

with 1,504 hours. More than 1,000 hours was recorded on Dartmoor, in Wales, northern England and western Scotland.

The shortest duration during 1959 was 302 hours at Ipswich (Belstead Hall), but in 1960 the smallest recorded total was 200 hours more, 502 hours at Cardington in Bedfordshire.

Table 5B sets out for both 1959 and 1960 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 year, by the duration given in Table 5A. During both years the annual rate was greatest in the Snowdon area (Cwm Dyli)—·089 in. per hour in 1959 and ·095 in. per hour in 1960. It was least at Aldergrove (Northern Ireland)—·045 in. per hour—in 1959, and at Lerwick—·041 in. per hour—in 1960. The highest monthly rate during both years was at Mildenhall—·162 in. per hour in July 1959 and ·117 in. per hour in June 1960; the latter rate was also recorded at Great Langdale in February 1960. The lowest monthly rate during both years was at Mildenhall with ·001 in. per hour in September 1959 and ·023 in. per hour in April 1960.

Table 5A. Duration of Rainfall at 145 Stations during 1959 (Monthly and Annual values)

County and River Division	Station	Height above sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
London.....1	Greenwich (Maritime Museum).....	24	51	2	46	44	16	13	15	25	3	37	53	81	386
".....2	Kensington Palace.....	80	46	3	46	46	17	14	16	24	2	38	46	87	384
".....2	Hampstead Observatory.....	450	52	4	47	50	16	14	16	24	2	43	54	92	415
".....2	St. Pancras (Camden Square).....	110	43	3	48	51	17	15	17	22	3	38	49	85	391
Surrey.....2	Lingfield (Sewage Works).....	155	53	5	40	40	14	15	17	21	2	44	51	117	419
".....4	Caterham (Alderstead Heath).....	577	72	4	53	54	16	18	14	26	6	44	59	123	489
".....4	Croydon (Waddon).....	192	52	3	47	49	15	10	14	21	4	38	67	109	429
".....5	Horley (Gatwick Airport).....	192	64	3	50	53	16	20	19	20	4	50	60	147	506
".....5	Dorking (Pixham Lane Sewage Works).....	138	58	2	44	45	14	9	13	22	3	37	53	126	426
".....5	Earlswood (Sewage Farm).....	196	63	4	45	51	15	16	13	25	2	41	52	125	452
".....5	Leatherhead (Elmer Softening Works).....	168	69	3	56	53	16	12	20	28	5	42	74	128	506
".....5	Weybridge (Weylands Sewage Works).....	50	48	2	44	42	15	9	17	22	1	38	47	79	364
".....5	Kingston (Canbury Gardens).....	23	54	2	38	40	16	10	15	19	1	29	43	67	334
".....5	Kew Observatory.....	18	45	2	38	42	16	11	15	22	1	33	39	75	339
".....5	Shooterhill (Sewage Works).....	383	77	2	77	52	21	23	24	34	5	53	81	132	581
".....6	Cranleigh (Sewage Works).....	154	73	1	65	51	13	15	17	24	1	45	66	123	494
".....6	Guildford (Woking Road).....	98	62	1	54	44	17	10	19	23	3	38	73	114	458
".....7	Chertsey (Lyne Farm Sewage Works).....	93	56	3	46	48	14	16	18	26	2	36	57	92	414
".....8	Camberley (Sewage Works).....	198	59	4	51	43	15	12	17	25	2	41	61	99	429
Kent.....1	Folkestone (The Leas).....	128	61	3	40	56	12	9	12	17	3	43	78	125	459
".....4	West Malling Airfield.....	304	52	4	36	46	14	12	16	19	3	45	62	117	426
".....5	Dartford (Central Park).....	17	50	2	37	41	18	8	9	13	1	35	45	74	334
Sussex.....1	Tangmere Airfield.....	52	75	1	49	51	12	12	14	33	4	51	81	128	511
".....2	Horsham (Sewage Disposal Works).....	120	55	2	60	66	14	15	24	26	4	65	60	167	558
".....3	Worthing (Beach House Park).....	25	58	1	33	46	11	9	13	18	2	33	54	97	375
".....5	Hastings (White Rock).....	149	75	2	33	35	15	9	14	14	4	48	71	136	456
Hampshire.....8	South Farnborough (R.A.E.).....	226	55	4	53	43	13	12	14	21	1	35	58	94	403
Berkshire.....3	Maidenhead (Sewage Works).....	81	61	2	42	47	15	9	17	22	1	33	49	89	387
Middlesex.....1	Isleworth (Mogden Works).....	33	40	2	36	42	14	10	14	20	1	36	44	72	331
".....1	London Airport.....	82	42	4	39	38	19	9	13	20	2	34	47	83	350
".....1	Harmondsworth (Road Research Lab.).....	80	44	3	38	49	17	11	14	23	2	37	51	75	364
".....1	Park Royal (Acton Cemetery).....	96	59	3	70	68	17	21	17	21	3	35	32	54	400
".....1	Wembley (Town Hall).....	187	40	3	42	41	16	12	13	22	2	38	37	76	342
".....2	Southgate (Oakwood Park).....	220	40	1	35	40	16	10	13	27	1	33	50	90	356

Table 5A. Duration of Rainfall at 145 Stations during 1959 (Monthly and Annual values)—continued

County and River Division	Station	Height above sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Hertford.....1	Garston (Building Research Station).....	250	59	2	42	50	14	16	16	24	2	37	54	108	424
".....2	Bovingdon Airport.....	517	73	1	41	43	15	16	19	27	4	39	43	102	423
".....2	Harpenden (Rothamsted).....	420	82	3	56	59	17	17	27	34	4	50	58	127	534
".....3	Stevenage (Broomin Green).....	307	71	2	44	45	13	13	20	24	4	39	48	108	431
Buckingham...3	Eton (Tangier Island).....	67	46	1	46	45	12	7	15	23	2	31	39	68	335
Oxford.....4	Benson Airfield.....	219	65	5	50	46	13	11	18	23	3	38	63	114	449
Bedford.....2	Dunstable.....	516	72	3	53	49	15	17	19	20	4	45	55	99	451
".....3	Cardington.....	93	54	3	46	32	10	11	23	16	3	26	37	77	338
Suffolk.....2	Ipswich (Belstead Hall).....	123	36	3	29	31	9	12	11	15	1	29	41	85	302
".....3	Felixstowe.....	10	45	10	22	26	7	12	8	20	1	37	61	121	370
".....5	Mildenhall.....	15	59	12	48	42	14	15	22	22	0	29	34	80	377
Norfolk.....1	West Raynham Airfield.....	250	65	10	33	31	14	11	21	31	3	34	38	92	383
".....4	Marham Airfield.....	76	54	7	36	30	11	14	16	21	2	34	35	83	343
Wiltshire.....1	Lyneham Airfield.....	456	105	6	77	56	19	22	21	22	4	39	77	143	591
".....3	Salisbury (Sewage Works).....	147	94	6	67	50	14	22	18	23	3	43	79	146	565
".....3	Porton Down.....	363	94	5	71	51	14	19	15	23	1	42	79	118	532
".....3	Boscombe Down Airfield.....	417	84	5	74	53	15	20	17	23	4	42	75	137	549
Dorset.....3	Portland Bill.....	32	70	7	53	41	10	13	14	19	1	51	60	94	433
Devon, S.....2	Plymouth (Mount Batten).....	90	89	6	73	63	13	23	11	33	0	62	124	130	627
".....4	Princetown (H.M. Prison).....	1359	159	12	124	93	25	44	42	39	9	117	211	253	1128
".....6	Clyst Honiton (Exeter Airport).....	106	77	7	61	53	12	21	21	34	2	41	103	118	550
Devon, N.....2	Chivenor Airfield.....	20	76	7	61	59	26	19	23	22	10	70	126	124	623
Cornwall.....1	St. Mawgan Airfield.....	337	92	11	76	58	28	19	29	42	3	77	105	142	682
Somerset.....3	Bickenhall.....	231	88	11	83	60	15	17	17	22	2	49	110	140	614
".....3	Bridgwater (Northmoor Pumping Stn.).....	23	51	7	63	46	13	18	27	13	3	50	107	113	513
".....4	Washford (Torre).....	155	106	9	80	70	16	35	30	35	3	64	121	171	740
".....4	Minehead (Blenheim Gardens).....	37	107	6	54	57	21	29	21	26	7	68	93	132	621
Gloucester....5	Bristol (Filton).....	192	77	4	68	59	20	27	30	33	7	62	84	154	625
Hereford.....1	Ross-on-Wye.....	223	74	4	48	41	18	11	18	21	3	27	80	127	472
Shropshire....4	Shawbury Airfield.....	235	95	11	43	50	30	35	24	12	3	40	76	99	518
Stafford.....3	Keele (University College of N. Staffs.)..	587	72	19	44	50	18	26	26	16	3	35	87	112	508
Worcester....3	Pershore Airfield.....	114	68	6	48	38	15	13	16	19	4	39	84	111	461
Warwick.....4	Elmdon (Birmingham Airport).....	324	75	5	42	46	15	8	19	15	3	38	84	108	458
".....4	Birmingham (Handsworth Park).....	424	56	9	39	43	15	17	16	14	2	44	120	144	519

Table 5A. Duration of Rainfall at 145 Stations during 1959 (Monthly and Annual values)—continued

County and River Division	Station	Height above sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Leicester4	Leicester (De Montfort Square)	250	61	1	38	40	11	15	16	19	5	34	63	95	398
"4	Loughborough (Nanpantan Reservoir)	269	48	2	40	48	12	14	14	21	2	32	77	93	403
Lincoln3	Boston (Church Road Pumping Stn.)	8	57	9	46	30	7	11	23	20	8	32	43	93	379
"3	Cranwell Airfield	203	50	11	40	44	14	11	14	13	3	31	45	75	351
"3	Lincoln (West Common)	22	45	11	34	44	15	13	18	21	3	35	40	86	365
"4	Manby Airfield	55	78	15	54	42	8	14	17	17	6	45	66	112	474
Nottingham5	Watnall	366	61	8	42	52	15	16	24	20	2	38	62	92	432
"5	Sutton-in-Ashfield	455	53	7	42	49	24	15	23	16	4	31	82	100	446
Derbyshire6	Burbage (Lower Burbage)	924	78	5	41	50	19	18	25	14	1	39	81	87	458
Cheshire1	Ringway (Manchester Airport)	248	72	19	34	49	11	28	33	10	3	39	74	86	458
"3	Barrowmore	114	63	10	28	49	13	31	30	10	2	33	71	80	419
"3	Birkenhead (Bidston Observatory)	198	65	10	34	48	21	39	43	14	4	44	78	88	488
Lancs, S.2	Speke (Liverpool Airport)	77	58	11	27	49	17	36	38	13	4	37	71	80	441
Lancs, C.1	Accrington (Oak Hill Park)	645	73	11	62	72	22	54	98	16	7	73	129	172	791
"1	Preston (Moor Park)	108	77	16	38	50	24	48	32	8	6	49	71	104	523
"1	Squires Gate (Blackpool Airport)	33	81	17	45	65	23	51	51	10	7	70	109	136	665
"1	Nelson (Walton Lane)	540	61	25	35	53	15	38	38	11	5	63	101	121	566
Yorks, W.R.7	Rotherham (Aldwarke Sewage Works)	72	48	0	27	44	16	19	14	17	0	36	71	69	361
"7	Langsett Reservoir	820	80	4	43	66	19	28	31	22	2	47	93	118	555
"9	Leeds (Farnley Hall)	405	61	3	25	60	17	25	27	12	6	51	76	113	476
"9	Leeds (Roundhay Park)	425	59	3	25	65	18	23	23	14	7	45	75	84	441
"9	Haworth (Lower Laithes Reservoir)	771	74	29	43	80	25	51	42	18	7	82	115	164	732
"9	Skipton (Town Hall)	367	68	13	29	49	16	38	30	11	4	61	97	128	542
Yorks, N.R.2	Dishforth Airfield	106	60	10	30	54	7	17	18	9	4	35	79	91	414
"2	Thirsk (Topcliffe Airfield)	81	51	9	26	52	7	17	12	5	3	31	64	66	343
"2	Felixkirk (Mount St. John)	540	53	17	28	51	9	21	20	5	6	37	83	87	417
"2	Grinton Lodge	861	75	13	45	70	14	34	30	10	9	62	122	147	631
Durham1	Billingham-on-Tees	61	43	20	14	34	7	30	21	3	7	23	70	55	327
"1	Forest-in-Teesdale	1250	93	40	38	79	21	53	46	22	16	107	127	238	880
Northumb.5	Acklington Airfield	138	61	13	24	48	8	37	22	5	22	30	60	72	402
Cumberland1	Silloth Airfield	25	46	40	33	68	21	60	43	8	27	59	105	94	604
"3	St. Bees Head Lighthouse	400	31	38	46	40	19	54	33	10	27	54	99	110	561
Westmorland2	Great Langdale (Copt Howe)	370	90	73	118	118	26	59	92	22	29	113	156	228	1124
"5	Moor House (Dufton)	1850	67	64	56	110	24	63	55	27	21	80	130	197	894
Monmouth2	Tredegar (Bedwellty Park)	1028	142	11	125	89	36	38	77	42	13	89	132	227	1021

Table 5A. Duration of Rainfall at 145 Stations during 1959 (Monthly and Annual values)—continued

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Glamorgan...1	Felindre (Upper Lliw Reservoir).....	599	106	20	98	79	32	54	64	20	13	91	151	170	898
"...3	Swansea (Victoria Park).....	32	72	5	70	61	19	37	39	20	8	92	118	139	680
"...5	Rhoose Airfield.....	220	82	14	75	56	21	41	54	22	12	67	90	134	675
"...7	Cardiff (Penylan).....	202	69	14	75	50	26	27	44	22	15	70	89	165	666
Cardarthen...5	Upper Usk 1.....	1020	107	16	90	86	31	35	61	19	12	101	133	165	856
Cardigan...2	Aberporth.....	376	92	13	69	69	38	32	36	10	8	88	138	121	714
"...2	Cwmystwyth.....	588	126	50	80	97	40	55	68	21	13	126	128	182	986
Caernarvon...5	Snowdon (Cwm Dyl).....	310	159	103	112	115	35	62	78	49	11	123	209	251	1307
Anglesey.....	Holyhead (Valley Airfield).....	32	80	18	38	51	32	26	20	6	7	68	131	103	580
Isle of Man...	Ronaldsway Airport.....	55	52	26	49	40	17	37	28	5	19	62	98	100	533
Channel Islands	St. Peter (Jersey Airport).....	273	81	5	35	59	33	7	12	17	8	35	57	90	439
Wigtown...3	West Freugh Airfield.....	52	47	53	64	54	19	43	35	9	35	61	90	119	629
Kirkcudbright 3	Dalry (Glenlee).....	181	57	45	99	80	23	50	63	9	28	94	155	196	899
Dumfries...5	Eskdalemuir Observatory.....	794	71	65	93	103	24	64	70	22	37	93	186	176	1004
Berwick...3	Swinton House.....	200	47	16	10	38	9	33	26	7	15	26	74	80	381
Midlothian...5	Turnhouse (Edinburgh Airport).....	116	16	22	21	43	12	42	40	11	17	38	113	73	448
Lanark...4	Crawford (Camps Reservoir).....	969	36	31	65	71	20	48	47	19	27	82	167	116	729
"...5	Thorntonhall.....	453	21	36	48	57	24	58	58	19	20	58	84	115	598
"...5	Bothwell (Sewage Works).....	112	19	28	34	54	16	58	54	13	16	57	75	91	515
Ayr...2	Prestwick Airport.....	30	33	46	41	46	27	67	65	12	27	76	86	98	624
Renfrew...2	Calder Water (Muirshiel Mill).....	782	48	77	101	104	34	89	102	68	45	143	183	225	1219
"...2	Renfrew (Glasgow Airport).....	26	32	46	49	69	22	58	74	12	27	79	102	147	727
"...3	Greenock (Prospect Hill).....	199	28	47	78	87	27	65	79	30	27	74	95	164	801
Dunbarton...3	Loch Sloy (Sloy Power Station).....	40	61	96	133	103	34	78	102	96	40	117	148	225	1233
Stirling...2	Stronachlachar (Invergyle).....	376	47	95	165	119	47	94	108	74	47	107	139	245	1287
Argyll...2	Ardnamurchan Lighthouse.....	79	41	45	84	63	15	65	87	30	35	79	103	145	792
"...11	Loch Fyne (Lephinmore).....	30	33	36	98	95	23	64	64	43	41	96	117	172	882
"...14	Tiree Airport.....	29	39	37	84	55	16	47	85	26	35	81	95	122	722
Fife...3	Leuchars Airfield.....	33	16	16	42	52	9	43	42	13	18	36	107	102	496
Aberdeen...2	Craibstone.....	300	59	19	39	56	25	37	23	22	23	52	83	96	534
"...2	Dyce (Aberdeen Airport).....	185	58	12	33	57	23	28	21	22	20	49	63	93	479
Banff...3	Glenlivet (Clashnoir).....	1085	63	15	38	70	27	49	48	34	18	73	94	125	654
Moray...5	Kinloss Airfield.....	15	58	12	33	57	23	28	21	22	20	49	63	93	479
Inverness...5	Dalcross Airport.....	34	66	20	41	68	9	52	62	21	23	55	61	31	509
"...19	Benbecula Airport.....	18	88	50	75	77	19	59	87	47	41	83	91	101	818

Table 5A. Duration of Rainfall at 145 Stations during 1959 (Monthly and Annual Values)—concluded

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Ross and Cromarty...10	Stornoway Airport.....	11	112	53	56	91	28	60	86	59	40	86	102	89	862
Caithness.....2	Wick Airport.....	119	123	15	54	46	38	40	52	42	20	65	95	68	658
Orkney.....	Grimsetter Airport.....	84	98	32	50	69	46	54	73	42	29	89	109	124	815
Shetland.....	Lerwick Observatory.....	269	97	38	37	70	33	57	40	48	20	63	132	160	795
Armagh.....5	Armagh Observatory.....	204	51	26	52	47	26	27	38	19	26	68	78	119	577
Antrim.....5	Aldergrove Airfield.....	220	77	37	54	54	23	32	54	21	37	63	83	121	656
Londonderry .5	Ballykelly Airfield.....	10	42	14	35	49	17	27	37	15	21	53	83	96	489

Table 5B. Mean Rate of Rainfall at 15 Stations during 1959 (Monthly and Annual values)

County and River Division	Station	Rain-fall 1959	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		in.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.
London.....2	St. Pancras (Camden Square).....	19.95	.051	.019	.036	.042	.054	.112	.079	.087	.029	.053	.051	.040	.051
Suffolk.....5	Mildenhall Airfield.....	17.80	.040	.058	.030	.040	.091	.065	.162	.037	.001	.051	.032	.038	.047
Devon, N.....2	Chivenor Airfield.....	36.77	.057	.033	.052	.042	.039	.058	.104	.055	.041	.070	.071	.051	.059
Gloucester.....5	Bristol (Filton).....	30.68	.043	.070	.035	.043	.059	.097	.092	.078	.024	.053	.040	.040	.049
Leicester.....4	Loughborough (Nanpantan Reservoir).....	20.20	.060	.035	.045	.063	.036	.106	.072	.047	.032	.064	.034	.041	.050
Yorks, N.R.....2	Dishforth Airfield.....	19.61	.035	.017	.049	.060	.068	.055	.080	.096	.038	.049	.045	.038	.047
Westmorland .2	Great Langdale (Copt Howe).....	92.87	.070	.048	.063	.066	.074	.108	.094	.063	.063	.120	.083	.092	.083
Cardigan.....2	Aberporth.....	39.62	.050	.034	.053	.048	.048	.043	.061	.070	.044	.070	.065	.048	.055
Caernarvon.....5	Snowdon (Cwm Dyli).....	115.84	.080	.056	.074	.080	.073	.099	.102	.041	.156	.123	.087	.105	.089
Dumfries.....5	Eskdalemuir Observatory.....	55.58	.057	.031	.044	.045	.126	.061	.076	.044	.049	.068	.055	.052	.055
Argyll.....14	Tiree Airport.....	40.00	.054	.032	.041	.056	.043	.057	.062	.054	.061	.072	.056	.057	.055
Aberdeen.....2	Dyce (Aberdeen Airport).....	26.41	.047	.022	.042	.050	.060	.064	.085	.040	.030	.083	.071	.046	.055
Ross and Cromarty...10	Stornoway Airport.....	48.85	.067	.040	.036	.059	.051	.049	.047	.049	.068	.065	.067	.060	.057
Shetland.....	Lerwick Observatory.....	36.16	.039	.033	.043	.043	.045	.047	.058	.043	.068	.061	.043	.045	.046
Antrim.....5	Aldergrove Airfield.....	29.33	.026	.033	.048	.037	.042	.050	.076	.043	.044	.064	.037	.043	.045

Table 5A. Duration of Rainfall at 145 Stations during 1960 (Monthly and Annual values)

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
London.....1	Greenwich (Maritime Museum).....	24	46	55	48	20	42	23	44	46	56	106	68	49	603
".....2	Kensington Palace.....	80	52	70	46	23	47	28	49	48	57	107	67	57	651
".....2	Hampstead Observatory.....	450	57	80	48	24	44	30	55	47	67	125	72	74	723
".....2	St. Pancras (Camden Square).....	110	44	82	43	21	44	29	54	45	59	115	68	58	662
Surrey.....2	Lingfield (Sewage Works).....	155	64	58	42	21	37	34	64	63	52	113	94	96	738
".....4	Caterham (Alderstead Heath).....	577	72	62	57	26	44	33	75	62	62	119	101	100	813
".....4	Croydon (Waddon).....	192	53	60	45	20	41	24	52	49	49	102	80	68	643
".....5	Horley (Gatwick Airport).....	192	71	67	46	30	37	36	63	63	58	118	108	91	788
".....5	Dorking (Pixham Lane Sewage Works).....	138	71	54	40	28	36	32	56	52	51	116	103	83	722
".....5	Earlswood (Sewage Farm).....	196	68	56	42	26	39	32	63	63	54	122	100	95	760
".....5	Leatherhead (Elmer Softening Works).....	168	65	67	48	30	47	32	65	58	59	131	88	78	768
".....5	Weybridge (Weylands Sewage Works).....	50	46	48	35	24	35	23	43	47	52	109	73	59	594
".....5	Kingston (Canbury Gardens).....	23	46	44	36	23	39	19	46	40	41	96	67	53	550
".....5	Kew Observatory.....	18	50	53	43	24	44	23	53	43	57	112	64	60	626
".....6	Shottermill (Sewage Works).....	383	79	96	51	36	32	37	75	74	79	140	100	103	902
".....6	Cranleigh (Sewage Works).....	154	69	65	38	28	38	28	58	63	68	132	112	90	789
".....6	Guildford (Woking Road).....	98	62	59	41	24	47	22	51	54	58	140	85	70	713
".....7	Chertsey (Lyne Farm Sewage Works).....	93	60	63	38	22	43	23	47	50	59	130	83	63	681
".....8	Camberley (Sewage Works).....	198	66	72	35	21	37	21	46	54	67	118	75	72	684
Kent.....1	Folkestone (The Leas).....	128	76	38	40	23	34	30	46	61	46	120	89	111	714
".....5	Dartford (Central Park).....	17	36	50	33	14	42	27	26	53	38	101	63	56	539
Sussex.....1	Tangmere Airfield.....	52	64	83	65	28	34	34	70	73	94	130	119	96	890
".....2	Hardham (Pumping Station).....	30	70	82	57	36	32	38	68	70	78	105	99	78	813
".....2	Horsham (Sewage Disposal Works).....	120	61	70	41	24	39	23	61	62	71	106	97	90	745
".....5	Hastings (White Rock).....	149	65	43	51	25	41	32	36	66	45	94	91	99	688
".....8	Crawley.....	300	50	55	46	19	28	29	54	70	56	113	115	101	736
Hampshire.....6	Petersfield.....	200	75	82	52	41	38	39	74	75	93	127	109	96	901
".....8	South Farnborough (R.A.E.).....	226	75	68	35	27	35	27	56	54	70	119	76	64	706
Berkshire.....3	Maidenhead (Sewage Works).....	81	64	50	31	17	32	19	47	40	57	124	58	62	601
Middlesex.....1	Isleworth (Mogden Works).....	33	40	55	35	20	36	20	45	43	51	100	58	50	553
".....1	London Airport.....	82	52	49	37	23	39	22	44	44	54	95	69	71	599
".....1	Harmondsworth (Road Research Lab.).....	80	53	48	37	21	39	23	45	41	40	115	66	55	583
".....1	Wembley (Town Hall).....	187	49	67	41	21	41	23	48	41	55	100	59	62	607
Hertford.....1	Garston (Building Research Station).....	250	73	68	39	25	52	28	58	46	67	122	76	74	728

Table 5A. Duration of Rainfall at 145 Stations during 1960 (Monthly and Annual values)—continued

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Hertford.....2	Bovingdon Airport.....	517	55	57	27	16	29	21	45	38	59	101	67	66	581
".....2	Harpenden (Rothamsted).....	42	91	79	41	26	49	37	64	54	79	128	83	100	831
Buckingham...3	Eton (Tangier Island).....	67	45	41	30	17	28	23	46	39	54	100	53	48	524
Northampton.4	Peterborough (Sewage Pumping Stn.)..	9	91	46	43	6	10	26	31	27	56	104	53	53	546
Bedfordshire..3	Letchworth (Sewage Works).....	209	59	68	26	12	36	35	36	33	41	99	50	72	567
".....3	Cardington.....	93	61	44	36	7	20	27	33	30	49	85	54	56	502
Essex.....2	Ilford.....	43	58	58	51	21	49	29	53	52	64	124	84	87	730
".....5	Halstead.....	167	24	29	38	12	25	17	36	32	41	112	46	50	462
Suffolk.....2	Ipswich (Belstead Hall).....	123	61	31	43	15	12	20	49	35	46	99	57	78	546
".....3	Felixstowe.....	10	103	50	63	21	29	20	54	51	45	112	57	84	689
".....5	Mildenhall.....	15	83	47	39	20	13	25	52	49	69	88	63	71	619
Norfolk.....1	West Raynham Airfield.....	250	100	50	23	21	13	17	39	34	55	98	71	77	598
".....4	Marham Airfield.....	76	98	44	28	21	12	18	36	43	53	92	73	64	582
Wiltshire.....1	Lyneham Airfield.....	456	95	65	39	36	21	32	46	41	66	140	83	75	739
".....3	Salisbury (Sewage Works).....	147	82	84	47	46	23	23	54	58	71	147	87	79	801
".....3	Porton Down.....	363	95	74	49	40	34	28	60	67	83	135	75	64	804
".....3	Boscombe Down Airfield.....	417	91	69	46	42	26	29	59	63	78	154	79	81	817
Dorset.....3	Portland Bill.....	32	63	52	45	52	30	17	45	62	59	96	72	65	658
Devon, S.....2	Plymouth (Mount Batten).....	90	79	63	60	60	24	16	61	47	77	107	94	76	764
".....4	Princetown (H.M. Prison).....	1359	165	138	109	100	44	51	124	89	108	156	170	126	1380
".....6	Clyst Honiton (Exeter Airport).....	106	63	78	61	66	27	13	53	54	54	149	71	63	752
Devon, N.....2	Chivenor Airfield.....	20	71	75	45	51	16	16	66	44	57	97	92	96	726
Cornwall.....1	St. Mawgan Airfield.....	337	68	93	68	65	25	12	63	48	60	95	92	89	778
Somerset.....1	Litton (Sherborne Reservoir).....	336	70	86	60	49	22	48	80	82	76	160	132	110	975
".....3	Bridgwater (Northmoor Pumping Stn.)..	23	58	84	51	55	17	16	56	47	56	135	46	66	687
".....4	Washford (Torre).....	155	83	108	72	61	24	24	74	57	62	166	121	101	953
".....4	Minehead (Blenheim Gardens).....	37	70	104	33	66	20	16	52	30	54	145	84	67	741
Gloucester....5	Bristol (Filton).....	192	84	63	54	49	16	37	58	61	71	108	102	95	798
Hereford.....1	Ross-on-Wye.....	223	83	67	48	46	21	21	29	34	61	100	73	58	641
Shropshire....4	Shawbury Airfield.....	235	104	71	43	25	22	25	45	41	66	108	90	57	697
Stafford.....3	Keele (University College of N. Staffs) ..	587	111	70	45	41	27	34	60	62	80	114	97	58	799
Worcester.....3	Pershore Airfield.....	114	97	46	35	33	26	24	40	49	84	103	81	60	678
Warwick.....4	Elmdon (Birmingham Airport).....	324	93	57	44	32	15	26	36	45	80	115	85	68	696
".....4	Birmingham (Handsworth Park).....	424	110	73	49	45	20	35	47	40	109	102	82	50	762

Table 5A. Duration of Rainfall at 145 Stations during 1960 (Monthly and Annual values)—continued

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Leicester4	Leicester (De Montfort Square)	250	104	61	38	21	16	37	45	45	71	110	66	55	669
"4	Loughborough (Nanpantan Reservoir)	269	99	53	33	28	17	33	28	40	49	113	62	49	604
Lincoln3	Boston (Church Road Pumping Stn.)	8	102	66	44	26	15	14	67	56	61	122	83	104	760
"3	Cranwell Airfield	203	113	71	45	15	18	14	54	56	68	109	72	71	706
"4	Manby Airfield	55	106	89	55	23	12	10	57	40	53	110	93	97	745
Nottingham5	Watnall	366	103	67	40	34	21	26	52	61	69	125	81	58	737
"5	Sutton-in-Ashfield	455	100	55	28	26	21	19	51	52	63	135	83	66	699
Derbyshire6	Burbage (Lower Burbage)	924	115	95	46	42	23	18	55	54	57	108	70	52	735
Cheshire1	Ringway (Manchester Airport)	248	96	48	22	34	24	21	63	57	57	97	85	60	664
"3	Barrowmore	114	91	33	30	32	32	19	54	50	64	99	79	60	643
"3	Birkenhead (Bidston Observatory)	198	80	46	57	26	33	16	57	53	62	71	94	52	647
"2	Speke (Liverpool Airport)	77	93	49	45	33	35	16	58	61	71	98	90	63	712
Lancs, S.2	Liverpool (Monument Place)	124	96	45	48	30	36	12	54	41	58	82	97	58	657
"2	Accrington (Oak Hill Park)	645	139	82	43	73	33	54	107	63	70	104	125	94	987
Lancs, C.1	Preston (Moor Park)	108	99	52	30	37	26	18	62	40	60	54	96	59	633
"1	Squires Gate (Blackpool Airport)	33	118	84	63	58	49	32	76	54	92	94	157	92	969
"1	Nelson (Walton Lane)	540	111	43	24	44	23	19	79	52	58	75	103	66	697
Yorks, W.R.7	Rotherham (Aldwarke Sewage Works)	72	94	68	33	21	26	12	41	53	65	115	65	43	636
"7	Langsett Reservoir	820	131	75	47	48	24	25	57	41	46	111	81	58	744
"9	Leeds (Farnley Hall)	405	100	55	44	35	28	15	59	70	64	106	105	42	723
"9	Leeds (Roundhay Park)	425	99	51	44	23	21	16	73	53	63	121	109	69	742
"9	Haworth (Lower Laithe Reservoir)	771	120	62	55	48	25	22	92	51	62	115	126	86	864
"9	Skipton (Town Hall)	367	104	53	34	46	20	30	93	57	70	81	103	60	751
Yorks, N.R.2	Dishforth Airfield	106	107	51	30	22	17	13	64	46	49	100	77	46	622
"2	Felixkirk (Mount St. John)	540	109	51	30	26	19	15	79	41	49	112	67	54	652
Durham1	Darlington (Waterworks)	161	48	15	22	35	6	25	17	6	13	20	66	55	328
"1	Carlton Exposure Station	102	111	52	47	26	16	17	92	63	50	149	74	55	752
"1	Billingham-on-Tees	61	108	48	31	13	6	10	67	45	45	124	63	46	606
"1	Forest-in-Teesdale	1250	181	97	53	117	37	38	98	109	56	158	149	103	1196
Northumb.5	Acklington Airfield	138	86	37	42	23	21	25	63	43	40	104	62	34	580
Cumberland1	Silloth Airfield	25	88	64	21	50	32	23	75	56	54	44	92	56	655
"3	St. Bees Head Lighthouse	400	89	57	13	61	44	20	70	43	57	39	93	75	661
Westmorland2	Great Langdale (Copt Howe)	370	172	142	51	116	68	65	142	58	86	90	195	140	1325
Monmouth2	Tredegar (Bedwellty Park)	1028	168	130	87	100	32	46	95	59	86	157	202	117	1279
Glamorgan1	Felindre (Upper Lliw Reservoir)	599	139	94	50	82	31	44	119	80	113	133	168	110	1163

Table 5A. Duration of Rainfall at 145 Stations during 1960 (Monthly and Annual values)—continued

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Glamorgan...3	Swansea (Victoria Park).....	32	98	75	42	65	20	25	76	52	87	110	123	91	864
"...5	Rhoose Airfield.....	220	80	78	55	68	19	25	81	59	80	141	124	105	915
"...7	Cardiff (Penylan).....	202	90	59	54	54	20	33	86	53	85	133	129	105	901
Cardarthen...5	Upper Usk 1.....	1020	136	131	48	84	31	37	87	68	76	154	175	108	1135
Cardigan...2	Aberporth.....	376	111	104	58	69	33	30	67	55	87	113	135	94	956
Brecknock...7	Swansea W.W. (Cray Reservoir).....	1043	167	179	61	108	29	43	122	79	104	152	225	149	1418
Caernarvon...5	Snowdon (Cwm Dyli).....	310	199	160	67	94	61	63	142	85	138	131	222	142	1504
Anglesey.....	Holyhead (Valley Airfield).....	32	93	71	40	45	26	18	62	30	63	88	109	78	723
Isle of Man...	Ronaldsway Airport.....	55	71	53	34	53	39	17	61	34	61	67	103	58	651
Channel Islands	St. Peter (Jersey Airport).....	273	55	54	52	32	26	26	64	50	35	61	66	98	619
Wigtown...3	West Freugh Airfield.....	52	81	80	56	63	45	35	96	58	55	63	101	67	800
Kirkcudbright 3	Dalry (Glenlee).....	181	117	130	46	107	49	42	74	57	70	81	188	96	1057
Dumfries...5	Eskdalemuir Observatory.....	794	126	128	46	121	49	59	98	79	85	85	146	118	1140
Berwick...3	Swinton House.....	200	128	36	44	17	19	23	59	53	38	111	46	52	626
Midlothian...4	Moortfoot Hills (Gladhouse Reservoir).....	915	66	46	23	34	15	11	40	39	20	49	49	41	433
"...5	Pentland Hills (Harperrig Reservoir).....	900	103	83	46	45	20	25	57	69	41	81	62	59	691
"...5	Turnhouse (Edinburgh Airport).....	116	71	51	31	22	20	17	54	61	35	77	54	42	535
Lanark...4	Crawford (Camps Reservoir).....	969	76	69	38	107	33	35	47	26	39	45	95	46	656
"...5	Thorntonhall.....	453	44	61	25	48	23	20	30	44	37	49	95	93	569
Ayr...2	Prestwick Airport.....	30	81	58	42	61	35	39	62	67	47	37	86	78	693
Renfrew...2	Calder Water (Muirshiel Mill).....	782	90	97	79	116	50	65	96	73	60	67	153	157	1103
"...2	Renfrew (Glasgow Airport).....	26	78	81	50	75	46	37	63	57	45	57	110	88	787
"...3	Greenock (Prospect Hill).....	199	88	89	63	118	50	54	87	71	56	53	120	98	947
Dunbarton...3	Loch Sloy (Sloy Power Station).....	40	95	97	77	93	85	91	87	68	74	84	165	180	1196
Stirling...2	Stronachlachar (Invergyle).....	376	107	110	80	123	56	55	82	60	57	72	134	116	1052
Argyll...2	Ardnamurchan Lighthouse.....	79	48	58	27	63	33	49	48	43	56	26	86	90	627
"...11	Loch Fyne (Lepinmore).....	30	91	90	55	112	36	51	81	53	65	34	115	146	929
"...14	Tiree Airport.....	29	70	56	50	70	41	47	60	37	71	47	94	96	739
Fife...3	Leuchars Airfield.....	33	84	54	59	50	23	37	58	71	47	112	65	46	706
Aberdeen...2	Craigstone.....	300	104	67	46	50	9	21	65	81	53	140	70	44	750
"...2	Dyce (Aberdeen Airport).....	185	101	65	45	38	9	21	72	79	57	149	86	41	763
Banff...3	Glenlivet (Clashnoir).....	1085	112	61	40	51	19	35	57	109	54	180	59	33	810
Moray...5	Kinloss Airfield.....	15	83	38	28	33	7	59	43	101	39	56	48	25	560
Inverness...5	Dalcross Airport.....	34	98	38	13	30	10	66	57	140	46	66	47	40	651
"...19	Benbecula Airport.....	18	81	47	62	72	59	56	72	38	62	45	89	99	782

Table 5A. Duration of Rainfall at 145 Stations during 1960 (Monthly and Annual values)—concluded

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.
Ross and Cromarty...10	Stornoway Airport.....	11	90	81	39	73	37	75	60	51	58	46	80	89	779
Caithness....2	Wick Airport.....	119	94	87	42	57	21	42	60	66	58	82	71	56	736
Orkney.....	Grimsetter Airport.....	84	73	70	63	73	42	41	33	44	46	73	77	70	705
Shetland.....	Lerwick Observatory.....	269	62	123	35	77	46	73	31	34	59	75	124	85	824
Armagh.....5	Armagh Observatory.....	204	59	53	50	54	38	35	77	60	53	62	82	74	697
Antrim.....5	Aldergrove Airfield.....	220	85	62	60	69	35	34	84	63	51	71	77	61	752
Londonderry..5	Ballykelly Airfield.....	10	67	59	30	35	21	29	72	47	40	44	50	57	551

Table 5B. Mean Rate of Rainfall at 15 Stations during 1960 (Monthly and Annual values)

County and River Division	Station	Rain-fall 1959	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		in.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.	in. per hr.
London.....2	St. Pancras (Camden Square).....	33.51	.038	.030	.039	.031	.044	.060	.057	.065	.089	.049	.062	.041	.051
Suffolk.....5	Mildenhall Airfield.....	26.20	.025	.024	.030	.023	.043	.117	.060	.050	.040	.041	.052	.037	.042
Devon, N.....2	Chivenor Airfield.....	47.01	.055	.032	.031	.054	.073	.051	.077	.108	.089	.076	.074	.056	.065
Gloucester...5	Bristol (Filton).....	38.77	.039	.035	.032	.028	.055	.048	.069	.085	.059	.050	.045	.042	.049
Nottingham..5	Watnall.....	36.89	.049	.031	.041	.037	.054	.068	.069	.054	.062	.045	.042	.065	.050
Yorks, N.R...2	Dishforth Airfield.....	29.83	.036	.037	.045	.041	.044	.031	.059	.069	.048	.050	.054	.047	.048
Westmorland.2	Great Langdale (Copt Howe).....	112.39	.079	.117	.047	.076	.065	.093	.076	.085	.081	.073	.105	.078	.085
Cardigan.....2	Aberporth.....	50.90	.047	.042	.040	.052	.055	.058	.053	.070	.062	.052	.060	.053	.053
Caernarvon...5	Snowdon (Cwm Dyl).....	143.10	.113	.105	.061	.098	.076	.105	.090	.092	.075	.070	.111	.103	.095
Dumfries.....5	Eskdalemuir Observatory.....	61.50	.056	.062	.048	.048	.064	.065	.045	.074	.043	.035	.055	.056	.054
Argyll.....14	Tiree Airport.....	40.25	.039	.059	.045	.041	.049	.062	.057	.074	.052	.044	.066	.062	.054
Aberdeen.....2	Dyce (Aberdeen Airport).....	39.35	.047	.046	.027	.037	.098	.071	.058	.053	.049	.053	.060	.060	.052
Ross and Cromarty..10	Stornoway Airport.....	37.56	.047	.053	.032	.041	.045	.039	.051	.061	.054	.037	.051	.058	.048
Shetland.....	Lerwick Observatory.....	33.43	.035	.042	.024	.038	.033	.038	.044	.030	.050	.039	.040	.055	.041
Antrim.....5	Aldergrove Airfield.....	35.28	.036	.034	.031	.038	.052	.067	.068	.075	.052	.049	.036	.034	.047

Table 5C. Mean Monthly and Annual Duration of Rainfall, in hours, 1951-60

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.													
London.....2	Camden Square.....	110	49	54	44	33	35	33	33	35	38	48	50	54	506
Surrey.....4	Croydon.....	202	54	52	44	32	35	33	31	32	39	51	57	59	519
".....5	Kew Observatory.....	18	45	42	36	27	30	28	27	31	33	40	43	45	427
Kent.....1	Folkstone (The Leas).....	128	66	59	42	30	29	29	31	35	35	49	57	65	527
".....4	Strood Waterworks.....	112	60	54	46	29	35	32	32	39	39	44	51	60	521
Sussex.....3	Worthing (Beach House Park).....	25	60	50	38	27	29	28	29	35	42	44	53	62	497
Hampshire...8	South Farnborough (R.A.E.).....	228	58	56	45	31	37	32	30	38	45	49	61	57	539
Hertford.....2	Harpenden (Rothamsted).....	420	63	62	51	38	37	42	38	47	45	57	61	68	609
Northants....4	Peterborough (Sewage Pump. Stn.).....	9	52	45	41	26	30	30	21	28	28	35	41	40	417
Suffolk.....2	Ipswich (Belstead Hall).....	125	44	39	35	24	24	27	26	30	29	39	43	47	407
Norfolk.....4	Marham Airfield.....	78	61	57	47	33	32	32	29	39	35	46	50	52	513
Wiltshire.....3	Boscombe Down Airfield.....	418	65	48	49	36	37	32	32	44	43	55	63	69	573
Devon, S.....2	Plymouth (Mount Batten).....	89	75	53	58	37	41	33	36	42	47	52	69	73	616
".....6	Exeter Airport.....	106	62	52	51	35	41	30	28	35	39	49	64	67	553
Devon, N.....1	Chivenor Airfield.....	20	72	61	52	47	45	38	43	47	56	63	79	82	685
Cornwall.....1	St. Mawgan Airfield.....	337	78	58	57	38	41	33	36	44	50	53	69	80	637
Somerset.....3	Bridgwater (Northmoor Pump. Stn.).....	23	57	49	44	33	33	32	32	34	42	48	67	66	537
Gloucester....7	Little Rissington Airfield.....	740	81	63	66	43	51	48	42	59	49	63	81	82	728
Hereford.....1	Ross-on-Wye.....	224	52	41	40	31	36	29	22	29	34	38	62	57	471
Shropshire...4	Shawbury Airfield.....	235	61	47	47	31	40	47	36	48	41	46	58	57	559
Warwick.....4	Elmdon (Birmingham Airport).....	325	59	47	56	35	38	40	34	45	41	47	62	61	565
Leicester.....4	Loughborough (Nanpantan Reservoir).....	269	58	44	53	32	39	44	26	40	35	44	54	59	528
Lincoln.....3	Cranwell Airfield.....	206	60	57	49	32	37	43	33	40	32	40	53	50	526
Nottingham...5	Watnall.....	385	66	50	55	32	42	49	35	46	39	49	57	65	585
Cheshire.....1	Ringway (Manchester Airport).....	248	64	48	48	41	35	47	52	55	50	54	58	71	623
Lancashire, S.2	Speke (Liverpool Airport).....	81	63	48	50	39	38	47	51	55	53	57	62	69	632
Lancashire, C.1	Squires Gate (Blackpool Airport).....	33	77	58	53	47	51	52	50	63	60	69	78	91	749
Yorks, W.R...9	Leeds (Weetwood Filter Beds).....	328	55	51	45	31	35	40	40	51	39	47	58	60	552
".....9	Skipton (Town Hall).....	367	71	58	48	39	42	52	55	71	57	65	74	93	725
Yorks, N.R...2	Felixkirk (Mount St. John).....	540	50	48	38	30	35	42	43	57	37	48	57	49	534
Northumb....5	Acklington Airfield.....	140	61	47	46	34	39	45	41	56	39	45	54	54	561
Cumberland.1	Silloth Airfield.....	27	65	45	41	42	43	49	56	61	58	56	74	77	667
Glamorgan...3	Swansea (Victoria Park).....	26	75	50	58	45	44	43	48	52	58	64	77	82	696
Cardigan....2	Aberporth.....	378	84	56	69	45	53	51	49	55	65	73	91	90	781

Table 5C. Mean Monthly and Annual Duration of Rainfall, in hours, 1951-60—continued

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.													
Brecknock...7	Swansea Waterworks (Cray Res.)	1043	132	104	93	69	74	72	76	85	92	101	121	138	1157
Anglesey.....	Holyhead (Valley Airfield)	28	76	61	53	41	49	44	46	52	59	61	80	81	703
Isle of Man....	Ronaldsway Airport	57	61	50	41	34	39	40	40	44	54	55	68	74	600
Jersey.....	St. Peter (Jersey Airport)	275	66	56	42	30	29	24	30	35	38	43	49	73	515
Wigtown.....3	West Freugh Airfield	52	80	61	53	41	44	52	60	60	59	57	75	94	736
Dumfries.....5	Eskdalemuir Observatory	794	120	89	79	74	67	76	91	90	86	93	116	149	1130
Berwick.....3	Swinton House	200	55	43	35	27	34	38	42	53	37	43	52	59	518
Midlothian...5	Turnhouse (Edinburgh Airport)	116	49	47	44	33	44	51	64	62	42	43	57	70	606
Ayr.....3	Prestwick Airport	30	69	56	46	43	41	53	63	57	53	62	70	89	702
Renfrew.....3	Greenock (Prospect Hill)	199	84	69	65	61	50	55	69	65	65	79	88	126	876
Argyll.....3	Loch Sloy (Power Station)	41	144	107	105	95	77	88	104	108	105	139	143	207	1422
".....11	Loch Fyne (Lepinmore)	30	110	71	64	68	44	57	79	70	81	98	113	150	1005
".....14	Tiree Airport	31	102	70	64	57	46	58	68	62	71	89	87	116	890
Fife.....3	Leuchars Airfield	33	49	47	51	39	41	42	53	51	37	47	60	70	587
Aberdeen.....2	Dyce (Aberdeen Airport)	185	58	57	50	43	40	39	61	51	38	54	61	69	621
Inverness.....6	Dalcross Airfield	37	51	42	32	37	36	46	56	66	35	51	46	61	559
".....19	Benbecula Airport	18	104	70	63	55	50	54	58	61	61	93	88	99	856
Ross and Cromarty..10	Stornoway Airport	12	105	62	58	60	52	55	59	57	56	85	83	101	833
Caithness.....2	Wick Airport	121	80	62	55	42	44	49	53	57	44	62	72	77	697
Orkney.....	Grimsetter Airport	84	93	78	69	50	49	56	54	62	57	88	93	104	853
Shetland.....	Lerwick Observatory	269	98	76	57	56	50	51	59	55	60	78	92	106	838
Antrim.....5	Aldergrove Airfield	220	80	59	51	45	43	55	59	62	53	54	66	95	722

Table 5D. Mean Monthly and Annual Rates of Rainfall, in inches per hour, 1951-60

County and River Division	Station	Height above Sea	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		ft.													
London.....2	Camden Square.....	110	.041	.036	.038	.039	.054	.066	.077	.082	.065	.055	.050	.040	.051
Wiltshire.....3	Boscombe Down Airfield.....	418	.044	.043	.041	.040	.054	.064	.059	.066	.060	.058	.055	.048	.052
Cornwall.....1	St. Mawgan Airfield.....	337	.050	.051	.050	.049	.057	.059	.073	.084	.076	.070	.061	.060	.061
Hereford.....1	Ross-on-Wye.....	224	.051	.050	.050	.054	.065	.076	.083	.085	.084	.068	.063	.055	.063
Lincoln.....3	Cranwell Airfield.....	206	.036	.030	.035	.035	.053	.055	.061	.065	.053	.048	.041	.039	.045
Lancashire, C. 1	Squires Gate (Blackpool Airport).....	33	.040	.036	.032	.034	.045	.042	.064	.063	.056	.048	.048	.042	.046
Yorks., N.R....2	Felixkirk (Mount St. John).....	540	.050	.044	.042	.044	.058	.057	.071	.068	.065	.057	.052	.048	.055
Brecknock.....7	Swansea Waterworks (Cray Res.).....	1043	.067	.060	.067	.066	.068	.070	.070	.075	.084	.077	.079	.070	.071
Anglesey.....	Holyhead (Valley Airfield).....	28	.044	.044	.036	.040	.050	.048	.054	.066	.064	.059	.053	.049	.051
Dumfries.....5	Eskdalemuir Observatory.....	794	.051	.043	.043	.046	.054	.051	.059	.058	.057	.055	.053	.048	.051
Renfrew.....3	Greenock (Prospect Hill).....	199	.068	.056	.054	.056	.061	.056	.067	.065	.076	.071	.065	.068	.064
Aberdeen.....2	Dyce (Aberdeen Airport).....	185	.046	.042	.045	.042	.053	.057	.067	.058	.063	.062	.060	.054	.054
Ross and Cromarty .10	Stornoway Airport.....	12	.049	.048	.043	.047	.045	.047	.050	.055	.059	.053	.054	.056	.051
Shetland.....	Lerwick Observatory.....	269	.044	.046	.044	.046	.043	.046	.049	.056	.059	.054	.049	.052	.049
Antrim.....5	Aldergrove Airfield.....	220	.036	.035	.036	.032	.042	.048	.059	.054	.054	.054	.044	.041	.044

6 Heavy Falls in Short Periods in 1959 and 60

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.

Table 6E including details of "very rare" falls from 1870 to 1935 which were of duration *two hours or less* was published in *British Rainfall* 1958. Data for the years 1936 to 1956 were published in Table 6E in *British Rainfall* 1957.

Table 6B for 1959 and 1960 gives particulars of falls 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. In a few cases longer falls, in a lower category, are also given, in italics. Entries are credited to the calendar day rather than the "rainfall day" and times quoted are G.M.T.

In Table 6B there are 92 entries during 1959 and 46 during 1960, compared with 160 in

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

1958 and an average number of 46 during the period 1925–58. Of the 92 entries for 1959, 12 occurred during May and the remainder during the three months, June, July and August. Of the 46 entries for 1960, 26 occurred during August and of the remainder there were 7 in September and 4 in October.

Table 6c also includes falls which have reached a category “noteworthy” or higher, but these falls have been excluded from Table 6b either because there is some doubt about the magnitude or duration of the falls or because the duration is known to have exceeded two hours. Unless otherwise stated, entries in Tables 6b and 6c are referred to without distinction in the following descriptive text.

1959

May was a warm dry month generally but severe thunderstorms with heavy rainfall resulted in flooding locally. The month opened with a few days of changeable weather, but a more settled spell began on the 4th. The period 7th–13th was very warm and thundery. There was extensive flooding at Barrow-in-Furness, north Lancashire, on the 10th, after a “remarkable” fall during a storm reported to be unequalled in severity in 36 years of detailed records. Thunderstorms were unusually severe and lightning unusually frequent over much of north-west England; at Squires Gate, where lightning killed a number of cattle, it was reported to be the most frequent since May 1947. On the same day at Wigtown, Cumberland, a farm worker was killed by lightning, while two other men were knocked unconscious. Norfolk, too, was badly hit, violent thunderstorms and flooding being reported from a number of places including Sheringham and Wells. Storms were even worse and more widespread during the next two days. On the 11th “remarkable” falls were recorded at Northwich, Cheshire and at Oxley, Hereford. At Blackley, houses were flooded, some roads were a foot deep in water, while hailstones were reported to be as large as

golf-balls. At Middlewich, a boy of 11 was killed by lightning while sheltering beneath a tree on the bank of the river Dane. “Very rare” falls were recorded in Yorkshire and Herefordshire on the 12th. In Yorkshire, there was flooding in the Apperset and Hawes areas and at Snaizholme and Whiddale, while at Kentchurch Court, one of England’s oldest family homes in Herefordshire, priceless antique furniture was left broken and battered by torrential rain which caused record local flooding, and what was described as appalling devastation, to Kentchurch and its environs. A number of “remarkable” and “noteworthy” falls were also recorded, mainly in western districts. A “rare” fall during a severe thunderstorm with heavy hail was recorded at Meggernie Castle, Glen Lyon, Perthshire, on the 16th. The second half of the month was generally fine, although there were severe thunderstorms, especially in southern England, on the 21st and 22nd. Thunderstorms were fairly widespread in southern England and South Wales on the 21st, some severe damage to property being caused at Tiverton during the evening. Early on the 22nd “noteworthy” falls were recorded at Chippenham, Southgate and at Hatfield where some flooding occurred.

After three fine days thunderstorms swept across the North Midlands on *June* 5th. At Louth streets were white with hailstones, while at Barnsley a house was damaged by lightning; roads in the neighbourhood and at Leeds and Otley were flooded to depths of over 2 ft. A whirlwind ripped off tiles and uprooted trees at Helmsley in the North Riding of Yorkshire. An anticyclone began to move towards the British Isles on the 10th, pressure becoming exceptionally high by the 13th. Most of the country had a long, dry spell from 10th to 24th which ended in thundery close weather and widespread thunderstorms. A “remarkable” fall was recorded at Reigate during the late afternoon of the 24th (when .70 in. fell in 18 minutes), and another at Merstham, Surrey. The next day, thunderstorms were widespread. Two “very rare” falls were recorded, one at

Hanham, near Bristol and the other at Sonning, Berkshire, while there were "remarkable" falls at Llanidloes, Montgomery, at Brynden, Monmouth and at Brislington, Gloucester. There were numerous "noteworthy" falls, and flooding occurred at a number of places. Heavy rain during the evening of the 26th caused flooding in many parts of the Home Counties, including shopping areas in Cambridge, and at Braintree, Essex; in Kent "remarkable" falls were recorded at Ash and Broadstairs. A heavy storm at Whitfield, in the Irwell Valley, gave a "very rare" fall and flooding on the 27th, while on the same day thunderstorms in Northern Ireland flooded roads to a depth of 18 in. in the Belfast area. On the 28th the storms moved to Scotland. Hundreds of houses in the Millfield district, Sunderland, were flooded, torrential rain flooding streets 3 ft. deep in places; a "remarkable" fall was recorded at Thornholm. Thunderstorms were frequent in southern England on the 29th. At Orsett, near Tilbury, a big Electricity Board sub-station was set on fire by lightning, while a 20-minute storm at Guildford, Surrey, halted traffic, flooding the bus station and some roads to a depth of about 2 ft. After a storm at Kirdford (Hills Green) Surrey, hailstones lay 2 in. deep with drifts up to 6 in. deep in places.

For most of *July* high pressure extended from the Azores to northern Europe. Sometimes the belt lay across the British Isles giving very warm sunny weather, especially in the south, but often it moved south to allow weak Atlantic fronts to cross the country. These fronts gave little rain on the whole except in Scotland where there were considerable falls on the 2nd, 11th and 16th. In the south of England there was widespread thundery activity on the 9th-11th. On the 5th, temperatures, which had been in the upper eighties (about 31°C.), exceeded 90°F. (32°C.) over a large area from Kew to Cleethorpes, reaching 96°F. (35°C.) locally in Lincolnshire. Thunderstorms broke out in the afternoon. The next three days were sunny and warm with

afternoon temperatures reaching 90°F. (32°C.) again on the 9th.

Violent thunderstorms hit the south coast between the Isle of Wight and Portland Bill on the 9th and moved north-east to the north Norfolk coast giving many "noteworthy" falls accompanied by local flooding. A feature of the storms was the frequency of hail and the abnormal size of some of the hailstones. Most of the storms were of short duration, but intense, although one in the New Forest lasted for half an hour. One of the worst storms occurred near Wokingham, Berkshire, where hailstones some 2 in. in diameter caused many hundreds of pounds worth of damage to glass-houses in the neighbourhood. The main Basingstoke-Southampton road was flooded for some time in many places with rain and melting hailstones. Houses were flooded at Maidenhead during a "noteworthy" fall of more than half an inch in under 10 minutes. Renewed and widespread thunderstorms caused considerable damage and much local flooding in southern England on the night of the 10th/11th. There was a "very rare" fall at Hindolveston, Norfolk when over 3½ in. (measured) and possibly 6 in. (estimated) of rain fell in 20 minutes. The rain was accompanied by hailstones varying from ½ in. to 1 in. in diameter which completely covered the ground. "Remarkable" falls occurred at a number of places that night including one at Portsmouth, where many roads were under water, one at Maidenhead, where 1.66 in. fell in 82 minutes and one at London Airport which had 2.31 in. in 101 minutes. A ridge of high pressure from the Atlantic extended over southern England on the 13th, marking the beginning of a warm, mainly dry spell which lasted in many southern districts until the night of the 25th/26th when a trough from the Atlantic brought thunderstorms to western districts. Thundery rain subsequently spread over the whole country and there were many "noteworthy" falls on the 26th and 27th. On the 26th lightning set a house on fire at Bramley, near Guildford, and the occupant Lt-Col. Aylmer H. Gwyn was

killed. That night sudden thunderstorms flooded roads and houses in many northern towns. At Lytham St. Annes, firemen pumped 2 ft. 6 in. of water from the kitchen of an hotel, while parts of Lord Street, Southport, were flooded to a depth of 6 in. and traffic at Leicester had to be diverted owing to flooded roads. There was a "remarkable" fall at Garstang, north Lancashire, when 1.80 in. of rain was recorded in 60 minutes. During severe thunderstorms the next day, the 27th, 1.56 in. of rain fell in 119 minutes at Blackpool Airport and 1.21 in. fell in 45 minutes at Frome, Somerset; both "noteworthy" falls. Frequent and widespread thundery rain and thunderstorms continued until the 29th.

August was warm and sunny for most of the month under the influence of anticyclones; there were heavy thunderstorms with flooding in many places around the 10th and 21st, mostly in the southern part of the country. At Woodstock, Oxfordshire, a "remarkable" fall occurred on the 9th when 1.80 in. of rain was recorded in 45 minutes and there was a "noteworthy" fall at Birkenhead when an inch of rain was recorded in half an hour. Torrential rain during thunderstorms caused considerable damage in Cornwall on the 10th. At Newquay, during a "very rare" fall when 2.59 in. of rain fell in 75 minutes; concrete walls, 9 in. thick, supporting cliff faces collapsed and were washed away, while at one place a channel 5 ft. deep was washed into the beach sand. Another "very rare" fall was reported from Fowey during prolonged heavy rain which lasted from 12.15 to 16.40 without a break. At St. Austell several fire brigades were called to pump water from flooded houses and streets, while at nearby Par the main street was at one time under 3 ft. of water. Two distinct "noteworthy" falls were recorded at St. Mawgan Airfield; the first of 1.71 in. in 105 minutes beginning at 14.45 G.M.T., on the afternoon of the 10th, and the second of 1.72 in. in 120 minutes from 21.35 G.M.T., on the night of the 10th/11th. Thunderstorms with exceptionally heavy rain occurred in many parts of the country on the

10th; there was a "remarkable" fall, one of .90 in. in 10 minutes at Godalming, Surrey, while "noteworthy" falls were recorded in Devon, Somerset, Gloucester, South Wales, Surrey and the London area. Thunderstorms continued in the west country on the 11th. At Weston-Super-Mare, where there was a "noteworthy" fall of 1.50 in. in 90 minutes, many roads in the town were flooded and water over a foot deep, in places, brought traffic to a standstill. There was torrential rain on Dartmoor and Exmoor. On Exmoor the river Exe was at danger level, and in a number of Dartmoor villages boulders rolled down the main streets with the rush of water. Minehead was hit by a heavy storm and roads were blocked by landslides. A serious landslide was also reported from Bude. Several houses were struck by lightning, and power supplies were interrupted in north and east Devon when high tension cables were struck. Further east at Newbury, Berks, a storm lasting about 40 minutes flooded some roads up to a depth of three feet.

Scattered thunderstorms, locally very heavy, occurred in southern England on the 21st and 22nd. In the London area a "very rare" fall was recorded at Hackney during the afternoon of the 21st when 1.99 in. of rain fell in 37 minutes, and there were "remarkable" falls at Finsbury, Bermondsey and Bethnal Green. "Noteworthy" falls were recorded in Kent, Buckinghamshire, Staffordshire, Lancashire and Lanarkshire. In Kent, floods stopped trains, and road traffic, inundated houses and caused a minor landslide on the railway at Erith. In the London area, the Eastern Region time-table for suburban services from King's Cross was completely disorganized owing to flood-water in tunnels, and at Liverpool Street Station only two trains ran between 4.30 and 7 p.m., the peak rush-hour period. At Liverpool, the Mersey Tunnel was flooded to a depth of 18 in. during thunderstorms.

After another close day in London, with afternoon temperatures about 80°F. (26°C.), thunderstorms again broke out during the evening of the 22nd. Liverpool Street Station

was flooded for the second day running and electric trains had to be diverted into Fenchurch Street. At Wimbledon .66 in. of rain fell in 18 minutes, a "noteworthy" fall, and many parts of the town were flooded; low-lying areas suffered most with water pouring down the hill and in some streets water was 2 ft. deep.

1960

The first "noteworthy" fall recorded in 1960 was during *February*, a month of very variable weather with some cold and unusually mild periods. One such mild spell was preceded by three days of widespread and persistent rain; on the third day, the 26th, a fall of 2 in. in just over six hours was recorded at Langdale, Westmorland.

June was a generally warm and sunny month, but there was heavy instability rain at times. A severe outbreak of thunderstorms began in the south-west of England on the night of the 22nd/23rd and became widespread the following day. The main storm, one of the most severe experienced in the country since that of 5th September, 1958, began shortly before midnight on the 22nd and continued for about 12 hours; it appears to have moved on a curved track from Dorset and eastern Hampshire, through Wiltshire, Oxfordshire and east midland counties into Suffolk. The storm left a trail of damaged homes and crops, flooded roads and buildings and interrupted public services. Two people were killed by lightning, one near Nuneaton and the other near Biggleswade. Two "very rare" falls were recorded in the Oxford area (see Table 6c) and because of flooding in the area 5,000 men were sent home from a car body factory at Cowley. At Abingdon, where 1.65 in. of rain fell in three hours during the early morning, work at the M.G. car factory was abandoned for the day. In addition to a number of other "remarkable" falls in Hampshire, Berkshire and Oxfordshire, there were many "noteworthy" falls on the 23rd.

July was cool and wet with frequent thunder-

storms. The generally warm, sunny weather of May and June broke on July 4th. Rain was widespread on the 5th and 6th, being frequently heavy in the north, as a deepening depression became slow-moving over northern districts. There was a "noteworthy" fall, the only one recorded during the month, at Withernsea, in Yorkshire, East Riding where over 1 in. of rain fell in an hour during the afternoon of the 6th.

The cool, wet, thundery weather continued throughout *August*. A period of intense and widespread thundery activity began about the 5th, thunderstorms being particularly severe in south-east England and the Midlands on the 7th; "very rare" falls were recorded, in Surrey, Middlesex, Shropshire and Oxfordshire. The London area was particularly badly hit. Kensington had a "remarkable" fall of over 2 in. of rain in 115 minutes. At Harrow there was considerable damage to property both by flood-water and lightning. While exercising her dog in Centenary Park, Stanmore a woman was struck by lightning and, although she was given artificial respiration, she was found to be dead on arrival at Edgware General Hospital. Several cricketers were also hurled to the ground. At Acton, 3 in. of rain was recorded in 50 minutes at the Warple Way Pumping Station, a "very rare" fall. One of the local factories in the area, a branch of British Light Steel Pressings, had part of their works flooded to a depth of 3 to 4 ft. Roads were like streams; trolley buses were held up; fire-stations at Acton and Heston were placed on a day-night alert answering emergency flood-calls. Landslides at Acton Lane and Gunnersbury Lane caused many trains to be delayed. Flooding, due to heavy rain and swollen rivers, was reported from many other parts of the country. After a period of persistent and often heavy rain in southern England from 9th to 12th, winds veered towards north and there were scattered showers and occasional thunderstorms, some of them heavy, on the 13th and 14th, "noteworthy" falls were recorded at Squires Gate, Lancashire, at Cleethorpes, Lincolnshire and at Braunton,

Devonshire. Thunderstorms occurred at one place or another every day during the latter half of the month; they became widespread again on the 27th and were particularly severe in Somerset where there was a "very rare" fall at Castle Cary, a "remarkable" fall at Altenmoor and a "noteworthy" fall at Misterton. It is probable that there were other "remarkable" and "noteworthy" falls in the area.

The cool, wet, thundery weather of late August continued into *September*. On the 1st rain was widespread in central and southern England, as a trough of low pressure moved slowly north-east across the country; the rain was heavy at times with thunderstorms in the Severn and Thames Valleys. In the London area exceptionally heavy downpours flooded houses, shops and other premises, made roads impassable and interrupted railway and tube services. Kensington, Hammersmith, Shepherds Bush and Notting Hill were the areas most badly affected, and by nightfall London fire brigades had answered more than 200 calls to pump flood-water. Kensington Palace recorded a "noteworthy" fall of .94 in. in 55 minutes. Some time later, about a week of warm weather with temperature rising locally to the upper seventies Fahrenheit (25°C. approx.), ended on the 12th with several days of heavy, thundery rain and scattered thunderstorms in southern England; on the 14th "noteworthy" falls were recorded at two sewage works in Surrey—1.10 in. in 72 minutes at the Limpsfield and Oxted Works, and 1.32 in. in 58 minutes at Lingfield. The 19th was another day of unusually heavy rain, particularly in south-east England, as a shallow depression from France moved north-east to the southern North Sea. Flooding was extensive. In the Saffron Walden area police worked late into the night placing warning traffic lights on flooded roads; houses in some villages were completely surrounded by flood-water. There was a "remarkable" fall at Framlingham, Suffolk (about 1½ in. in 45 minutes), "noteworthy" falls were recorded at Shoburyness (1 in. in 60 minutes)

and Martlesham, Suffolk (1 in. in 30 minutes.) It was on the last day of the month that heavy and persistent rain started such disastrous floods in south Devon (see Chapter VIII and special article Part III). Further east a "noteworthy" fall of 1½ in. in 120 minutes was recorded at Worthington on the 30th.

With the continuance of low pressure to the south-west of the British Isles and associated depressions and frontal systems moving north-east across the country, the exceptionally wet weather, which began in late September, continued for the first eight or nine days of *October*. One of these associated troughs moved slowly north-eastwards over the country on the 1st, bringing heavy rain to many districts of southern England and a "remarkable" fall of 2.36 in. in two hours to Rousdon, south Devon. About a week later, the depression to the south-west intensified as it moved eastward to become centred over the western part of the English Channel. On the 7th there were exceptionally severe, but very localized, outbreaks of thundery rain and thunderstorms in east Lincolnshire. At Revesby Reservoir, near Boston, more than 6 in. of rain fell in a little less than three hours. The height of the water in the reservoir rose from 8 ft. 2 in. to 11 ft. during the afternoon and boiler and filter houses at about ground level were flooded to a depth of about 10 ft. The River Waring overflowed its banks and the resulting flooding of the neighbourhood was reported locally to be the most rapid and disastrous in living memory. At the nearby market-town of Horncastle, cars and caravans together with furniture and stock from flooded houses and shops were swept down the streets. A local resident, who was last seen wandering waist-deep in the torrent, was found drowned the next day about 100 yds. from his flooded home. 7.24 in. of rain fell at Horncastle between 1100 and 1700 hours, the heaviest period of fall being between 1230 and 1400 hours. At Revesby Reservoir 6.36 in. was recorded from 1330 to 1620 hours, all of which comes in the "very rare" category, with the greatest intensity in the 50-minute period

1530 to 1620 hours. A series of special readings made by the observer are given below:

Shower at 1100 G.M.T., October 8th .10 in.

Main storm began 1330 G.M.T.

Measured at

1430 G.M.T. 2.15 in.	} 4.11 in. 120 min.
1530 G.M.T. 1.96 in.	
1600 G.M.T. 1.22 in.	
1620 G.M.T. .93 in.	

Further rain until 0900 G.M.T., October 9th .05 in.

The deep depression centred over the western part of the English Channel followed a course on the 8th which described a loop over south-west England before moving slowly eastward along the English Channel. For many places in southern England this was the wettest day of the month; Luxborough, Somerset, had a "very rare" fall of 2.8 in. of rain in two hours. After a week of colder showery weather the familiar pattern of low pressure to the south-

west of the country was re-established on the 17th. A trough of low pressure, associated with a deep depression about 400 miles south-west of Scilly, brought heavy thundery rain and thunderstorms to southern England on the 22nd as it moved slowly northwards. Many main roads in the south-west became impassable through flooding. At one time the main street of Bridport was under 5 ft. of water. A car left outside the police station at Beaminster was swept 100 yds. down the road by the waters of the overflowing river Birt; it was at Beaminster that a "noteworthy" fall of 1.40 in. was recorded in one hour during the evening of the 23rd. On the 27th the depression to the south-west of the British Isles moved to the Irish Sea and thunderstorms broke out at a number of places the next day; Downham Market had a "remarkable" fall during the violent storm of 1.30 in. in 25 minutes during the early afternoon of the 28th.

Table 6B. Heavy Falls in Short Periods in 1959

County and River Division	Station	Date	Amount	Began at	Duration	Rate
	(a) EYE OBSERVATIONS		in.	G.M.T.	min.	in./hr.
Surrey.....6	Godalming.....	Aug. 10	·90	08 10	10	5·40*
Hertford.....2	Watford.....	July 9	·75	12 15	10	4·50
".....2	Boreham Wood (Shenley Road)...	July 11	·72	03 30	10	4·32
Cambridge.....2	Ponders Bridge (Pumping Stn.)...	July 10	·71	15 30	10	4·26
Somerset.....2	Winscombe (Wintrath).....	May 11	·75	16 00	11	4·09
Middlesex.....1	Kingsbury (Dors Close).....	Aug. 21	·80	15 10	15	3·20
London.....1	Tooting Bec (Moring Road)	Aug. 22	·65	17 26	15	2·60
Surrey.....5	Reigate (Wray Park Road).....	June 24	·70	16 10	18	2·33
Cheshire.....2	Northwich (Winnington).....	May 11	1·30	18 30	20	3·90*
Hampshire.....4	Sutton Scotney.....	July 9	1·00	11 55	20	3·00
Hertford.....3	Meesden.....	July 9	·81	12 45	20	2·43
Buckingham....3	Burnham Waterworks (Pump. Stn.)	Aug. 21	·73	16 30	20	2·19
Hertford.....3	Anstey (Hall Farm).....	July 9	·79	12 38	22	2·15
".....2	Boreham Wood (Furzehill Road).	Aug. 10	·82	20 20	25	1·97
Berkshire.....4	Caversham (St. Peters Hill).....	June 25	1·05	18 00	30	2·10
Norfolk.....1	Colkirk Hall.....	June 5	·96	14 15	30	1·92
Gloucester.....3	Stonehouse (Wycliffe College)...	June 25	1·17	16 30	30	2·34
Lancs, S.....3	Bury (Sewage Works).....	May 11	·81	16 00	30	1·62
Wiltshire.....6	Swindon (Ashford Road).....	June 25	·77	16 15	30	1·54
Hertford.....4	Chalfont St. Giles (The Colony)...	July 9	·70	12 00	30	1·40
Berkshire.....3	Sonning (University Farm).....	June 25	1·97	19 15	35	3·39†
".....4	Inkpen (New Mill).....	June 25	1·22	14 30	35	2·09
London.....2	Finsbury (New River Head).....	Aug. 21	1·95	14 45	45	2·60*
Oxford.....3	Woodstock (The Retreat).....	Aug. 9	1·80	17 15	45	2·40*
Somerset.....1	Egford (Frome Waterworks).....	July 27	1·21	16 45	45	1·61
London.....2	Isle of Dogs (Island Gardens)....	Aug. 10	1·64	14 28	50	1·97*
Norfolk.....4	Thetford (Waterworks).....	July 11	2·10	03 30	60	2·10*
Hertford.....2	Batchworth Heath.....	July 11	2·00	03 00	60	2·00*
Kent.....2	Ash (Corking Farm).....	June 26	1·88	14 50	60	1·88*
Lancs, N.....5	Garstang (Scorton).....	July 27	1·80	01 00	60	1·80*
Surrey.....5	Merstham (Gatton Point).....	June 24	1·56	15 35	60	1·56*
Hertford.....3	Knebworth (Bull's Green).....	July 9	1·24	12 30	60	1·24
Gloucester.....3	Gloucester (Hempsted).....	Aug. 10	1·30	19 00	65	1·20
Cornwall.....1	Newquay (Mount Wise).....	Aug. 10	2·59	15 45	75	2·07†
London.....1	Bermondsey (Southwark Park)...	Aug. 21	1·81	14 30	90	1·21*
Perthshire.....13	Glenlyon (Meggernie Castle).....	May 16	1·67	13 30	90	1·11*
Somerset.....2	Weston-Super-Mare.....	Aug. 11	1·50	06 00	90	1·00
Gloucester.....3	Minchinhampton (Rectory Cott.)...	June 25	1·30	15 00	90	·87
Surrey.....6	Churt (Firdown).....	May 12	1·23	15 30	90	·82
London.....2	Bethnal Green (Victoria Park)....	Aug. 21	2·38	13 50	95	1·50*
Yorks, W.....1	Hawes Junction (Moorland Cott.)...	May 12	2·68	12 30	105	1·53†
Lancs, S.....3	Whitefield Park.....	June 27	2·37	16 30	105	1·35*
Montgomery....4	Llanidloes (Belmont).....	June 25	2·25	17 00	120	1·13*
Monmouth.....4	Brynderi (Llantilio Crosseny Sch.)	June 25	1·87	19 30	120	·93*
Cornwall.....2	Liskeard (Treventon).....	Aug. 10	1·80	12 05	120	·90
Northumb.....6	Ilderton (Lilburn Tower Gardens)	July 26	1·78	13 00	120	·89*
Gloucester.....5	Bristol (Hopewell Hill).....	July 25	1·41	13 20	120	·71
Hampshire.....5	Portsmouth (Eastney).....	July 11	1·36	00 00	120	·68
".....5	Gosport.....	July 11	1·20	00 00	120	·60

*“Remarkable” fall.

†“Very Rare” fall.

Table 6B. Heavy Falls in Short Periods in 1959 (*continued*)

County and River Division	Station	Date	Amount	Began at	Duration	Rate
(b) AUTOGRAPHIC RECORDS						
Middlesex.....1	Northolt Airport.....	Oct. 27	·47	06 01	6	4·70
Berkshire.....3	Maidenhead (Sewage Works)....	July 9	·58	11 33	9	3·87
Surrey.....4	Coulsdon (Midday Sun Allotments)	May 22	·53	03 25	9	3·53
Hertford.....2	Bovingdon Airport.....	July 9	·60	12 06	11	3·27
Hampshire.....9	Silchester House.....	July 9	·91	11 08	15	3·64
Cheshire.....1	Sale (Carrington Lane).....	May 10	·64	17 05	15	2·56
Surrey.....5	Wimbledon (Durnsford Road)...	Aug. 22	·66	17 54	18	2·20
Suffolk.....3	Felixstowe.....	July 11	1·07	04 37	20	3·21*
Surrey.....5	Raynes Park (Pumping Station)...	Aug. 22	·70	17 15	20	2·10
Hertford.....2	Hemel Hempstead (Picott's End) .	July 9	·68	12 20	20	2·04
Lancs, S.....2	Liverpool (Monument Place)....	Aug. 21	1·60	16 20	23	4·17*
Surrey.....4	Kenley (Refuse Disposal Works)...	Aug. 22	1·25	19 02	23	3·26*
Bedford.....3	Silsoe (Wrest Park).....	July 10	1·48	22 20	30	2·96*
Cheshire.....3	Birkenhead (Bidston Observatory)	Aug. 9	1·00	17 45	30	2·00
Lancs, N.....1	Barrow-in-Furness (Sewage Works)	May 10	1·35	14 00	40	2·03*
Surrey.....6	Cranleigh (Sewage Works).....	Aug. 10	·89	06 57	45	1·19
Lanarkshire.....5	Bothwell (Sewage Purification Wks.)	Aug. 21	·91	04 27	48	1·14
Middlesex.....1	Harmondsworth.....	July 11	1·60	02 40	50	1·92*
Hertford.....1	Oxhey B.....	July 11	1·42	02 10	52	1·52*
Lancs, S.....3	Rawtenstall (Green Fold Reservoir)	May 11	1·03	13 02	55	1·12
Hertford.....1	Oxhey A.....	May 11	1·47	02 10	56	1·57*
Gloucester.....5	Brislington.....	June 25	2·18	13 45	60	2·18*
Glamorgan.....5	Rhoose Airfield.....	Aug. 10	1·53	16 58	60	1·53*
Stafford.....3	Keele (Univ. College of N. Staffs).	Aug. 21	1·13	16 40	60	1·13
Somerset.....4	Minehead (Blenheim Gardens)...	Aug. 10	1·00	14 40	60	1·00
Kent.....5	Erith (Sewage Works).....	Aug. 21	1·75	14 15	75	1·40*
Middlesex.....2	Southgate (Oakwood Park).....	May 22	1·11	01 36	78	·85
Berkshire.....3	Maidenhead (Sewage Works)....	July 11	1·66	01 58	82	1·21*
Derbyshire.....6	Monyash Rectory.....	Aug. 22	1·61	16 40	85	1·14
Suffolk.....5	Mildenhall Airfield.....	July 11	1·75	03 32	100	1·05*
Middlesex.....1	London Airport.....	July 11	2·31	02 06	101	1·37*
Cornwall.....1	St. Mawgan Airfield.....	Aug. 10	1·71	14 45	105	·98
Hampshire.....2	Hurn (Bournemouth Airport)....	July 10	1·22	21 18	114	·64
Lancs, C.....1	Squires Gate (Blackpool Airport).	July 27	1·56	12 54	119	·79
Middlesex.....1	Northolt Airport.....	July 11	2·29	01 58	120	1·15*
Surrey.....8	Camberley (Sewage Works).....	July 11	1·98	03 22	120	·99*
Middlesex.....1	Hillingdon (Bishopshalt School)...	July 11	1·92	01 50	120	·96*
".....1	Ruislip.....	July 11	1·97	02 45	120	·99*
Hampshire.....8	South Farnborough (R.A.E.).....	July 11	1·90	01 00	120	·95*
Cornwall.....1	St. Mawgan Airfield.....	Aug. 10	1·72	21 35	120	·86
Hampshire.....5	Havant (Leigh Park Farm).....	July 11	1·40	02 30	120	·70
Norfolk.....4	Marham Airfield.....	July 11	1·39	03 00	120	·69
Devonshire.....2	Plymouth (Mount Batten).....	Aug. 10	1·31	11 06	120	·65

**"Remarkable" fall.

†"Very Rare" fall.

Table 6C. Heavy Falls in Short Periods in 1959. Supplementary List

County and River Division	Station	Date	Amount	Duration	Category
			in.	hr. min.	
Cheshire .....2	Northwich (Marbury Road).....	May 11	2.43	c. 2 0	R
Wiltshire .....1	Trowbridge.....	May 12	2.12	c. 2 0	R
„1	Chippenham (Hardenhuish Res.)..	May 12	1.31	2 25	N
„1	Chapmanslade.....	May 12	2.20	c. 1 0	R
Gloucester.....5	Badminton (Petty France).....	May 12	1.02	c. 30	N
Hereford.....1	Kentchurch Court.....	May 12	2.86	c. 2 0	VR
„1	Lyonsall (The Croft).....	May 12	1.75	c. 2 0	N
„2	Hatfield (Roe Green).....	May 22	c. .90	45	N
Buckingham....3	Radnage (Hill Meadows).....	June 24	1.14	c. 1 30	N
Gloucester.....5	Hanham (Conham Sewage Works)	June 25	c. 3.00	1 30	VR
Hereford.....1	Bishopstone (Fayre Mede).....	June 25	3.11	c. 2 30	VR
Kent.....2	Broadstairs (Stonehouse).....	June 26	3.40	5 0	R
Cheshire.....4	Chester (Dickson's Drive).....	June 27	c. 2.00	75	R
Durham.....2	Sunderland (Thornholme).....	June 28	c. 1.70	1 30	R
Hampshire.....5	Southsea.....	July 10	1.96	4 30	N
„7	Alice Holt Lodge.....	July 10	2.46	1 30	N
		July 11		1 15	
Hertford.....3	Stevenage (Broomen Green).....	July 10	1.85	6 0	N
Surrey.....6	Byfleet (Wisley R.H.S. Gardens) .	July 11	c. 1.60	c. 2 0	N
Hampshire.....5	Curdrige (Sunnyside).....	July 11	1.20	c. 2 0	N
„7	East Tisted (Rotherfield Park)....	July 11	1.99	c. 3 0	N
„7	Rowledge.....	July 11	c. 1.90	1 30	R
Hertford.....2	Batchworth Heath (Bath End)....	July 11	c. 2.00	c. 2 0	R
Cambridge.....2	Cambridge (Corp'n Store Yard)...	July 11	1.80	2 05	N
„2	Cambridge (Botanic Garden).....	July 11	2.26	5 30	N
„2	Cambridge (Guildhall Roof).....	July 11	2.00	1 30	R
Norfolk.....1	Gorleston (Coastguard Station)...	July 11	c. 1.25	2 00	N
„2	Hindolveston.....	July 11	3.28	4 15	VR
„3	Fulmodestone School.....	July 11	c. 2.40	2 00	R
Devon, S.....5	Dawlish (Luscombe).....	July 11	1.04	c. 1 15	N
Surrey.....6	Elstead.....	Aug. 10	1.27	c. 2 00	N
Devon, S.....6	Shillingford Rectory.....	Aug. 10	.95	c. 55	N
Cornwall.....1	Padstow (Barry's Lane).....	Aug. 10	1.36	2 15	N
„2	Fowey.....	Aug. 10	3.65	4 45	R
Stafford.....3	West Bromwich (Dartmouth Pk.)..	Aug. 11	3.30	4 00	R
„3	Walsall (Bescot Sewage Farm)...	Aug. 11	c. 2.00	2 50	R
Warwick.....4	Handsworth (Wood Lane).....	Aug. 11	2.90	4 00	R
Norfolk .....2	<i>Hindolveston</i>	<i>July 11</i>	<i>c. 2.50</i>	<i>20</i>	<i>VR</i>

c. about

Table 6B. Heavy Falls in Short Periods in 1960

County and River Division	Station	Date	Amount	Began at	Duration	Rate
	(a) EYE OBSERVATIONS		in.	G.M.T.	min.	in./hr.
Hertford.....1	Northwood (St. Mary's Avenue) .	Aug. 26	·64	15 00	8	4·80
Lincoln.....3	Wyberton (Slippery Gowt Farm) .	Aug. 7	·75	13 00	20	1·13
Norfolk.....4	Downham (Dial House)	Oct. 28	1·30	14 25	25	3·12*
Hereford.....1	Vowchurch (Ladywell House) . . .	Aug. 7	1·17	14 55	25	2·81*
Suffolk.....3	Martlesham (Beacon Hill)	Sept. 19	1·00	12 00	30	2·00
Suffolk.....3	Framlingham (Sewage Works) . . .	Sept. 19	1·50	14 30	45	2·00*
Middlesex.....1	Rayners Lane (High Worples)	Aug. 7	·90	14 50	45	1·20
Dorset.....3	Beaminster	Oct. 23	1·40	20 30	60	1·40
Yorkshire E.R....4	Withernsea	July 5	1·10	14 00	60	1·10
Somerset.....5	Exford (Rectory)	Aug. 6	1·53	17 00	90	1·02
Essex.....2	Theydon Bois (Thriffs Hill)	June 23	1·30	08 40	90	·87
London.....2	Buckingham Palace	Aug. 7	1·09	14 00	90	·73
Lincoln.....3	Revesby Reservoir	Oct. 7	4·11	13 00	110	2·24†
Somerset.....5	Exford (Lower Thorne)	Aug. 6	1·74	16 30	115	·91
Oxford.....2	Chipping Norton (Heythrop Coll.)	Aug. 7	3·00	15 00	120	1·50†
Somerset.....4	Luxborough	Oct. 8	2·80	13 30	120	1·40†
Kirkcudbright...3	Dalry (Kendoon)	Aug. 25	2·70	04 00	120	1·35*
Oxford.....3	Oxford (Osney Lock)	June 23	2·50	03 00	120	1·25*
Somerset.....3	Allenmoor Pumping Station	Aug. 27	2·18	12 15	120	1·09*
Cardigan.....2	Nantcwnlle (Bwlchraig)	Aug. 27	1·49	17 00	120	·75
Sussex.....3	Worthing (Ferring)	Sept. 30	1·37	19 00	120	·69
	(b) AUTOGRAPHIC RECORDS					
Berkshire.....5	Abingdon Airfield	June 23	·59	02 38	10	3·54
Sussex.....1	Tangmere Airfield	Aug. 2	·74	15 30	15	2·96
Sussex.....1	Thorney Island Airfield	Aug. 2	1·44	16 02	24	3·60*
Lancashire.....2	Speke (Liverpool Airport)	Aug. 28	·79	12 28	30	1·58
Wiltshire.....3	Porton (C.D.E.E.)	June 22	·81	23 48	33	1·47
Somerset.....3	Bridgwater (Northmoor Pump. St.)	Aug. 27	1·36	12 25	48	1·70
Middlesex.....1	Acton (Pumping Station)	Aug. 7	3·00	14 30	50	3·60†
Shropshire.....3	Shrewsbury (Monkmoor)	Aug. 7	2·85	14 40	50	3·42†
London.....2	Hammersmith Pumping Station . .	Aug. 7	·93	13 50	50	1·12
London.....2	Western Pumping Station	Aug. 7	1·30	13 45	60	1·30
Surrey.....5	Horley (Gatwick Airport)	Aug. 6	1·02	16 05	60	1·02
Surrey.....5	Hogsmill Valley (Sewage Works) .	Aug. 7	1·00	15 25	60	1·00
Essex.....3	Shoeburyness	Sept. 19	1·00	14 55	60	1·00
Surrey.....6	Guildford (Woking Road)	Aug. 7	1·10	17 55	75	·88
London.....2	Kensington Palace	Aug. 7	1·34	14 15	100	·88
Devonshire N....2	Chivenor Airfield	Aug. 22	1·11	12 25	100	·67
Gloucester.....7	Little Rissington Airfield	June 23	1·26	01 12	108	·77
Surrey.....2	Lingfield (Sewage Works)	Sept. 14	1·72	18 10	120	·86
Hampshire.....2	Hurn (Bournemouth Airport)	June 22	1·62	22 50	120	·81
Oxford.....3	Grimsbury (Pumping Station) . . .	June 23	1·55	04 35	120	·77
Lancashire C....1	Squires Gate (Blackpool Airport) .	Aug. 13	1·51	08 38	120	·75
Surrey.....2	Limpsfield & Oxted Sewage Works	Sept. 14	1·50	18 20	120	·75
Wiltshire.....1	Lyneham Airfield	June 22	1·50	23 50	120	·75
Surrey.....5	Morden Hall	Aug. 6	1·36	12 18	120	·68
London.....2	Kensington Palace	Sept. 1	1·21	13 00	120	·61

* "Remarkable" fall.

† "Very Rare" fall.

Table 6C. Heavy Falls in Short Periods in 1960. Supplementary List.

County and River Division	Station	Date	Amount	Duration	Category
			in.	hr. min.	
Westmorland...2	Great Langdale (Copt Howe)....	Feb. 26	c. 2.00	6 15	N
Hampshire....4	Everton (Efford).....	June 22	c. 2.40	3 30	R
Oxford.....	Duns Tew Manor.....	June 23	c. 4.00	5 15	VR
Oxford.....3	Oxford (Radclyffe Met. Station)..	June 23	3.20	3 40	VR
Oxford.....3	Oxford (Hinksey Pumping Station)	June 23	2.67	c.4 0	R
Oxford.....4	Clifton Hampden (Manor House)	June 23	2.50	2 0	R
Hampshire....4	New Milton (Ashley County Sch.)	June 23	2.15	c.2 0	R
Hampshire....1	Freshwater (Pumping Station)....	June 23	1.90	3 30	N
Hampshire....1	Freshwater (Waterworks).....	June 23	1.88	3 15	N
Suffolk.....2	Ipswich (Limerick Close).....	June 24	2.18	6 0	N
Inverness....2	Loch Seilich (Tromie Dam).....	Aug. 4	c. 1.60	30	R
Somerset.....5	Pinkworthy Farm.....	Aug. 6	1.86	2 30	N
Surrey.....5	Old Maldon (Sports Ground)....	Aug. 7	c. 3.25	2 0	VR
Gloucester....3	Ruscombe.....	Aug. 7	2.27	2 55	R
Surrey.....5	Worcester Park (Sewage Works)..	Aug. 7	c. 2.25	2 0	R
London.....2	Kensington (Olympia).....	Aug. 7	2.04	1 55	R
London.....2	Wormwood Scrubs.....	Aug. 7	1.65	45	R
Middlesex....1	Harrow.....	Aug. 7	.87	10	N
Lincolnshire...5	Cleethorpes (Outfall Works)....	Aug. 14	2.21	c.3 0	N
Devonshire N..2	Braunton (Knowle).....	Aug. 14	.65	10	N
Somerset.....3	Misterton.....	Aug. 27	1.59	2 30	N
Somerset.....3	Castle Cary.....	Aug. 27	3.42	2 40	VR
Devonshire S..7	Rousdon (Charton Barn).....	Oct. 1	2.36	2 0	R
Lincoln.....3	Revesby Reservoir.....	Oct. 7	6.26	2 50	VR

c. about

Table 6D. Number of days on which specified amounts of rain fell in specified times in 1959

County	Station	5 mm. (.2 in.) within			10 mm. (.4 in.) within				15 mm. (.6 in.) within				20 mm. (.8 in.) within				25 mm. (1.0 in.) within			
		5 min.	10 min.	15 min.	5 min.	15 min.	30 min.	1 hour	15 min.	30 min.	1 hour	2 hours	4 hours	8 hours	16 hours	1 hour	2 hours	4 hours	8 hours	16 hours
London.....	2	1	3	4	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0
Surrey.....	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
".....	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kent.....	4	3	5	5	0	0	2	4	0	0	0	1	1	1	2	0	1	0	1	0
Sussex.....	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampshire.....	8	1	2	2	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Berkshire.....	5	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bedfordshire.....	5	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk.....	3	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
".....	5	2	3	3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wiltshire.....	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Devonshire, S.....	2	1	3	3	0	1	1	2	0	0	0	1	1	2	1	1	1	1	2	1
Plymouth (Mount Batten).....		0	2	4	0	0	2	3	0	1	1	3	4	7	4	1	1	1	3	7
Cornwall.....	1	0	2	4	0	0	2	3	0	1	1	3	4	4	1	1	1	1	3	5
Gloucestershire.....	5	2	3	5	0	1	2	3	0	1	1	2	4	4	0	0	0	0	2	1
Shropshire.....	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warwickshire.....	4	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0
Linc. Insh.	3	0	1	2	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Cheshire.....	1	0	1	2	0	0	1	2	0	0	0	0	1	1	0	0	0	0	1	0
Lancashire, C.....	1	0	1	1	0	1	1	2	0	1	1	1	1	1	1	1	1	1	1	1
Yorkshire, N.R.....	2	1	3	3	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0
Northumberland.....	5	1	2	3	0	1	1	1	0	0	0	1	1	2	1	0	0	0	1	0
Cumberland.....	1	1	1	3	0	0	1	3	0	0	0	2	3	1	0	0	0	0	2	1
Cardiganshire.....	2	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anglesey.....		0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0
Isle of Man.....		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dumfriesshire.....	5	1	1	3	0	1	2	3	0	0	0	2	2	10	2	0	0	0	1	2
Ayrshire.....	3	0	0	2	0	0	0	1	0	0	0	1	1	2	0	0	0	0	2	7
Renfrewshire.....	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
Fife.....	3	0	2	2	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	2
Aberdeenshire.....	2	0	1	2	0	0	0	2	0	0	0	0	0	2	0	0	0	0	1	2
Shetland Islands.....		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Co. Antrim.....	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Co. Londonderry.....	5	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1

7 Heavy Falls on Rainfall Days in 1959-1960

The daily measurements of rain which are set out in this Section are (a) falls amounting to $2\frac{1}{2}$ in. 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. A fall of $2\frac{1}{2}$ in. 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

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 (London Hse.)	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
1956	6.50	13.0	Bradford (Hewenden	IX	16.1	4.30	Harmondsworth (Rd.	III	1956
			Reservoir)				Research Lab.)		
1957	(8.00)	13.0	Camelford (Roughtor	V	15.1	3.88	Hampton (Refuse Dis-	III	1957
			View)				posal Works)		
1958	5.17	13.0	Knockholt (Kent	II	13.0	5.17	Knockholt (Kent	II	1958
			Waterworks)				Waterworks)		
1959	5.06	8.3	Porlock (Nutscale Res.)	V	15.9	3.19	Denton Lodge (P. Stn.)	IV	1959
1960	7.24	19.8	Horncastle.....	VII	19.8	7.24	Horncastle.....	VII	1960

2½ in. in areas where the total rainfall of the year does not exceed 33·3 in.

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 summary, revised to 1955, is now available as *Hydrological Memoranda* No. 2. The original 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 1960 are set out in Table 7A.

Dates of occurrence and measurements of the 9 largest falls of rain during 1959 and 18 of the largest falls for 1960 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.

A list of daily measurements since 1865 reaching or exceeding 7 in. is included in Table 7C.

1959 was a dry year with many annual totals well below 33·3 in. and so a number of falls of less than 2·5 in. qualify for inclusion in the table as being 7·5 per cent (or more) of the annual amount. During 1959 there were 287 falls of 2·5 in. or more, 88 falls of 3 in. or more, 10 falls of 4 in. or more and one fall which exceeded 5 in. For the wet year, 1960, the corresponding numbers were: 492, 204, 50 and 18, 5 of 6 inches or more and one which exceeded 7 in.

In the tables included in the following

Table 7B. The Largest Daily Falls in 1959 and 1960

Date	Div.	Station	Amount	Per cent of Year	Total for Year
1959			in.		in.
Aug. 10	V	Porlock (Nutscale Res.).....	5·06	8·3	77·55
" 10	V	St. Mawgan Airfield.....	4·78	10·2	49·31
" 10	V	St. Stephen (Hendra Pumping Stn.).....	4·77	8·5	62·13
" 10	V	St. Austell (Poltair Pub. Gdns.).....	4·39	7·7	61·81
" 10	V	Winsford.....	4·22	7·4	69·73
" 10	V	Ladock Pumping Station.....	4·18	8·5	54·49
" 10	V	St. Austell (Tregurthy).....	4·15	6·4	68·70
Oct. 23	XVIII	Kinlochewe (Anacaun).....	4·02	4·9	63·60
Aug. 10	V	Timberscombe (Great House).....	4·00	8·2	58·55
1960					
Oct. 7	VII	Horncastle.....	7·24	19·8	37·53
" 7	VII	Revesby Res.....	6·41	10·4	42·75
Dec. 3	XI	Taf Fechan (Neuadd Res. 1a).....	6·07	5·3	115·48
" 3	XI	Rhondda (Lluest Wen Res.).....	6·02	5·4	112·43
Aug. 24	N.I.	Coleraine (The Cutts).....	6·00	12·3	48·88
Dec. 3	XI	Treherbert (Tyn-y-waun).....	5·93	5·0	119·45
" 3	XI	Treorchy (Pumping Station).....	5·88	5·3	111·88
" 3	XI	Rhondda (Lluest Wen F.).....	5·65	5·0	112·95
" 3	XI	Porth Park.....	5·55	6·3	88·12
" 3	XI	Mountain Ash (Darranlas Res.).....	5·42	6·2	86·99
" 3	XI	Rhondda (Castel Nos Res.).....	5·38	4·9	110·46
" 3	XI	Ystradfellte Res.....	5·38	5·1	105·64
" 3	XI	Cardiff W.W. (Storey Arms Field).....	5·35	4·7	112·79
" 3	XI	Cardiff W.W. (Beacons Res.).....	5·21	4·7	110·51
" 3	XI	Treherbert Park.....	5·11	4·6	110·29
July 6	IX	Slaidburn (Hareden Valley).....	5·07	6·1	83·66
" 6	IX	Slaidburn (Langden Brook).....	5·03	5·9	84·97
Feb. 2	X	Great Langdale (Copt Howe).....	5·03	4·4	112·39

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.

1959

January. A generally northerly airstream persisted during the first week, bringing wintry showers, occasionally heavy, to many parts of

the country, particularly on the 4th. A complex frontal system moved across southern England on the 5th-7th and heavy precipitation (much of it snow or sleet) occurred in south-western districts on the 5th and in the east Midlands and East Anglia on the 6th and 7th. A drier, colder spell followed which persisted until fresh south-westerly winds on the 17th brought heavy rainfall and a general thaw.

January 4

Northamptonshire in. or %
Naseby (Naseby Wooleys)..... 1·96 9·1

Table 7C. Heavy Falls on Rainfall Days, 1865 to 1960, 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 (Llest 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
Cornwall.....	Camelford (Roughtor View).....	(8·00)	June 8, 1957
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-hydfwr).....	7·25	Nov. 3, 1931
Lincolnshire.....	Horncastle.....	7·24	Oct. 7, 1960
Norfolk.....	Sproleston (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

January 5

<i>Cornwall</i>		<i>in.</i>	<i>or</i>	<i>%</i>
Camelford (Advent).....	2.54			3.5
<i>Glamorgan</i>				
Ogmore Vale.....	3.30			3.5

January 6

<i>Northamptonshire</i>				
Oundle (Nene Wharf).....	1.37			7.9
Bulwick.....	1.54			9.2
Peterborough (Woodston).....	1.43			8.6
Peterborough (Westbourne House) ..	1.53			9.5
Wittering Airfield.....	1.37			7.9

Cambridgeshire

Thorney (North House).....	1.39			9.0
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Warwickshire

Ashorne (Victoria Cottage).....	1.50			7.6
Leamington Spa (Pump Room Gdns.)	1.65			8.2

Rutland

Uppingham (Seaton Mill).....	1.40			7.5
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Lincolnshire

Tydd (North Level Sluice).....	1.50			7.5
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January 7*Cambridgeshire*

Ranson Moor (Pumping Station)....	1.17			7.9
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January 16*Devonshire*

Dartmoor (Strane Valley).....	2.78			3.6
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January 17*Glamorgan*

Ogmore Vale.....	3.33			3.5
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Brecknockshire

Swansea Waterworks (Cray Res.)...	2.59			3.0
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Devonshire

South Brent (Badworthy).....	2.60			3.2
South Brent (Didworthy Sanatorium)	2.77			3.6
South Brent (Bala Brook).....	3.29			3.7

February was exceptionally dry with no rain anywhere heavy enough for inclusion in this chronicle.

March was very wet during the first week. A very deep depression moving east from the Atlantic brought heavy rain to South Wales on the 6th.

March 6

<i>Glamorgan</i>		<i>in.</i>	<i>or</i>	<i>%</i>
Treherbert (Tyn-y-waun).....	2.58			2.7

April was rather a wet month. After a fine start a spell of unsettled weather began about

the end of the first week, culminating, on the 16th, in the wettest day of the month in parts of Yorkshire. There were outbreaks of heavy rain in the northerly airstream behind the depression the following day. Showers during the last few days of the month were particularly heavy in Scotland on the 27th.

April 16

<i>Yorkshire</i>		<i>in.</i>	<i>or</i>	<i>%</i>
Rotherham (Aldwarke Sew. Works)...	1.37			7.9
Rotherham (Thrybergh).....	1.49			7.8
Conisborough (Firsby Reservoir)...	1.49			8.1
Wath-upon-Deane.....	1.41			7.7
Barnsley (Burntwood Hall).....	1.71			8.2
Hemsworth (Fitzwilliam).....	1.72			9.6
Normanton (Sewage Works).....	1.50			8.0
<i>Flintshire</i>				
Cilcain (Cilcen Hall).....	2.37			7.7

April 17

<i>Staffordshire</i>				
Shifnal (Weston Park).....	1.69			7.7

April 27

<i>Inverness-shire</i>				
Chliostain (Power Station).....	2.72			3.3

May was a warm dry month apart from thunderstorms which were severe locally in southern England on the 12th and 21st.

May 12

<i>Herefordshire</i>		<i>in.</i>	<i>or</i>	<i>%</i>
Kentchurch Court.....	2.86			7.2
<i>Yorkshire</i>				
Hawes Junction.....	2.68			4.5

May 21

<i>Essex</i>				
Ilford (Seven Kings Park).....	1.80			9.7

June was a warm sunny month generally. On the 7th a frontal rain-belt, associated with a depression moving north-east between Scotland and Iceland, brought very heavy rain to hilly western districts of England, Wales and Scotland. Weather became close and thundery during the fourth week and thunderstorms were exceptionally severe on the 24th and 25th in west Midlands and South Wales. The unsettled thundery conditions continued until the end of the month with heavy rain

occurring locally in south-east England, northern England and eastern Scotland.

June 7

<i>Lancashire</i>		
Coniston (Holywath).....	2.62	3.0
<i>Argyllshire</i>		
Conaglen.....	3.15	3.3
<i>Inverness-shire</i>		
Loch Hourn (Kinlochhourn).....	2.70	2.7
Rhum (Kinloch Castle).....	2.92	2.8

June 24

<i>Brecknockshire</i>		
Swansea Waterworks (Cray Res.)....	3.26	3.8

June 25

<i>Berkshire</i>		
Sonning (University Farm).....	1.97	8.1
<i>Gloucestershire</i>		
Hanham (Conham Sewage Works)...	3.69	10.0
<i>Herefordshire</i>		
Bishopstone (Fayre Mede).....	3.11	9.4
Hope under Dinmore.....	2.37	7.6

June 26

<i>Kent</i>		
Ash (Corking Farm).....	2.21	8.5
Broadstairs.....	3.45	3.0
<i>Essex</i>		
Bocking Church Street.....	1.77	9.1
Great Yeldham (The Oak House)...	1.69	8.7
<i>Monmouthshire</i>		
Grwyne Fawr (Coed Dias).....	2.67	4.8

June 27

<i>Cheshire</i>		
Chester (Dicksons Drive).....	2.29	8.3

June 28

<i>Yorkshire</i>		
Thirsk (Topcliffe Airfield).....	2.05	10.2
<i>Co. Durham</i>		
Sunderland (Thorne Holme).....	1.78	10.0

June 29

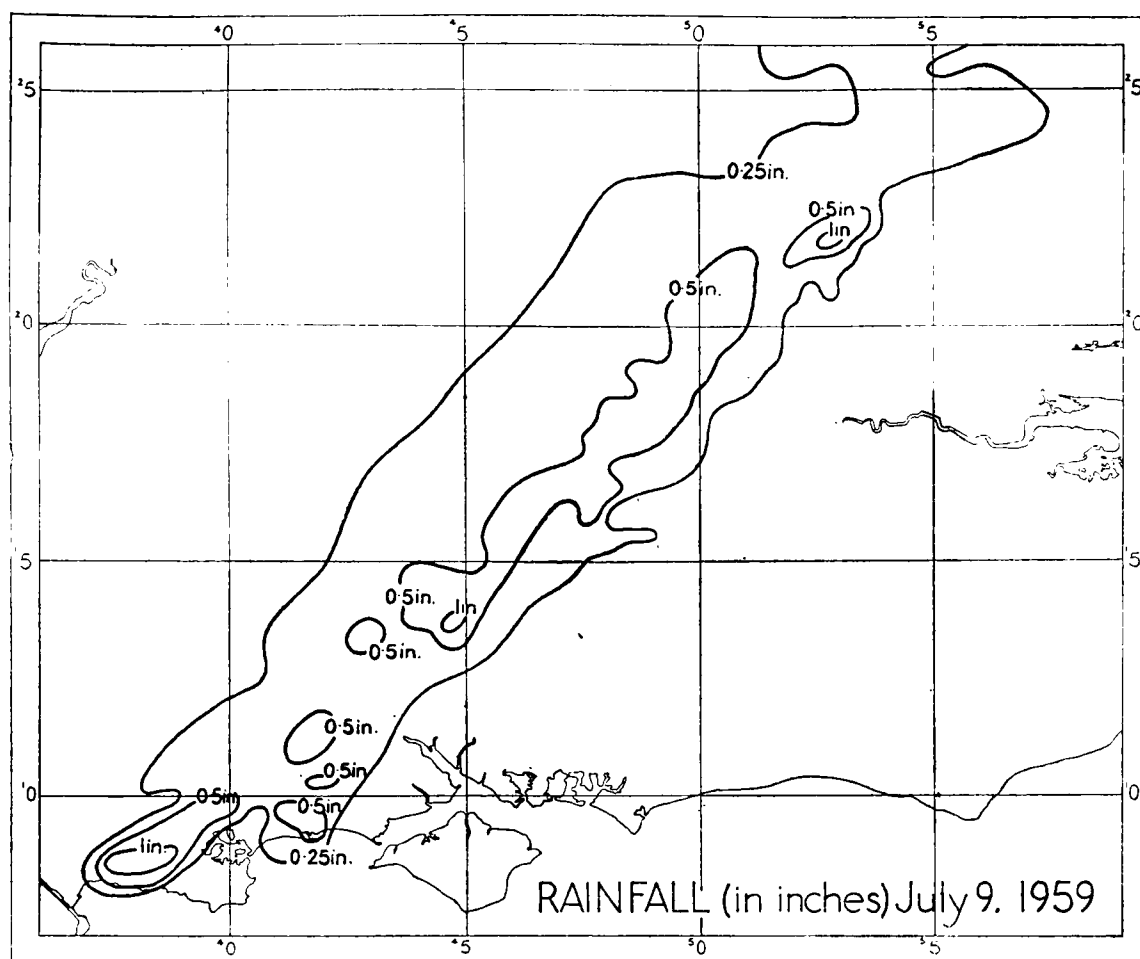
<i>Midlothian</i>		
Ford (The Dowery House).....	1.91	9.2
Newbattle (Public School).....	1.85	9.5

July was mainly warm and dry, but thundery low pressure systems moving north-east from Spain gave widespread thunderstorms over southern England on 9th-11th (see accompanying maps for 9th and 10th). Thunderstorms were particularly violent with torrential

rain during the night of 10th/11th, and the following day the warm front of a vigorous depression off north-west Scotland brought further rain to most districts and heavy falls to parts of Scotland. Heavy frontal rain also fell in the north and west on the 16th. A depression, previously off western Scotland, became slow moving over Northern Ireland on the 26th bringing heavy rain to northern England and parts of Scotland; there was also frequent and widespread thundery rain on the 28th and 29th.

July 10

<i>Surrey</i>		
Farnham (Sewage Works).....	2.40	7.9
Farnham (Broomleaf Road).....	2.24	7.7
Farnham (Bells Piece).....	2.50	8.4
Witley (Outfall Works).....	1.85	8.1
West Byfleet (Scotland Bridge).....	1.92	8.5
Addlestone.....	1.80	8.1
Weybridge (Oil Mills).....	1.70	8.3
Weybridge (Thames Street).....	1.81	8.4
Walton-on-Thames (Waterworks)...	1.76	8.7
Weybridge (St. George's College)...	2.12	9.5
Chertsey.....	2.08	9.8
Chertsey (Abbey Meads).....	2.00	9.4
Camberley (Sewage Works).....	2.36	10.3
Camberley (Woodlands Road).....	2.54	10.5
Frimley (Pumping Station).....	2.14	8.8
<i>Hampshire</i>		
Mottistone (Jack's Hill).....	1.97	8.3
Alice Holt Lodge.....	2.46	7.9
Rowledge.....	2.44	7.7
Hartley Wintney (Sew. Dis. Works)...	1.75	7.5
South Farnborough (R.A.E.).....	2.13	9.0
<i>Berkshire</i>		
Wellington College.....	1.96	8.7
Broadmoor Institution.....	2.50	11.3
Wokingham (Bucks Copse).....	1.88	8.4
Wokingham (St. Crispin's School)...	1.59	7.5
Warfield (Jealott's Hill).....	2.07	9.4
Bray (Bramel).....	1.95	8.7
Maidenhead (Sewage Works).....	2.06	9.1
Cookham (The Sol).....	1.76	7.6
<i>Middlesex</i>		
Littleton (Queen Mary Reservoir)...	2.45	10.8
Staines (Pumping Station).....	2.12	10.4
Staines Reservoir (West Side).....	2.22	10.7
Longford (Perry Oaks Dis. Works)...	3.00	15.1
Hounslow (Berkeley Avenue).....	1.72	8.8
London Airport.....	2.77	14.4
Harmondsworth (Road Res. Lab.)...	2.70	13.6
West Drayton (Pumping Station)....	2.14	10.7
Hayes (Parkside).....	2.77	14.0
Uxbridge.....	2.95	13.2
Cowley.....	2.70	12.9

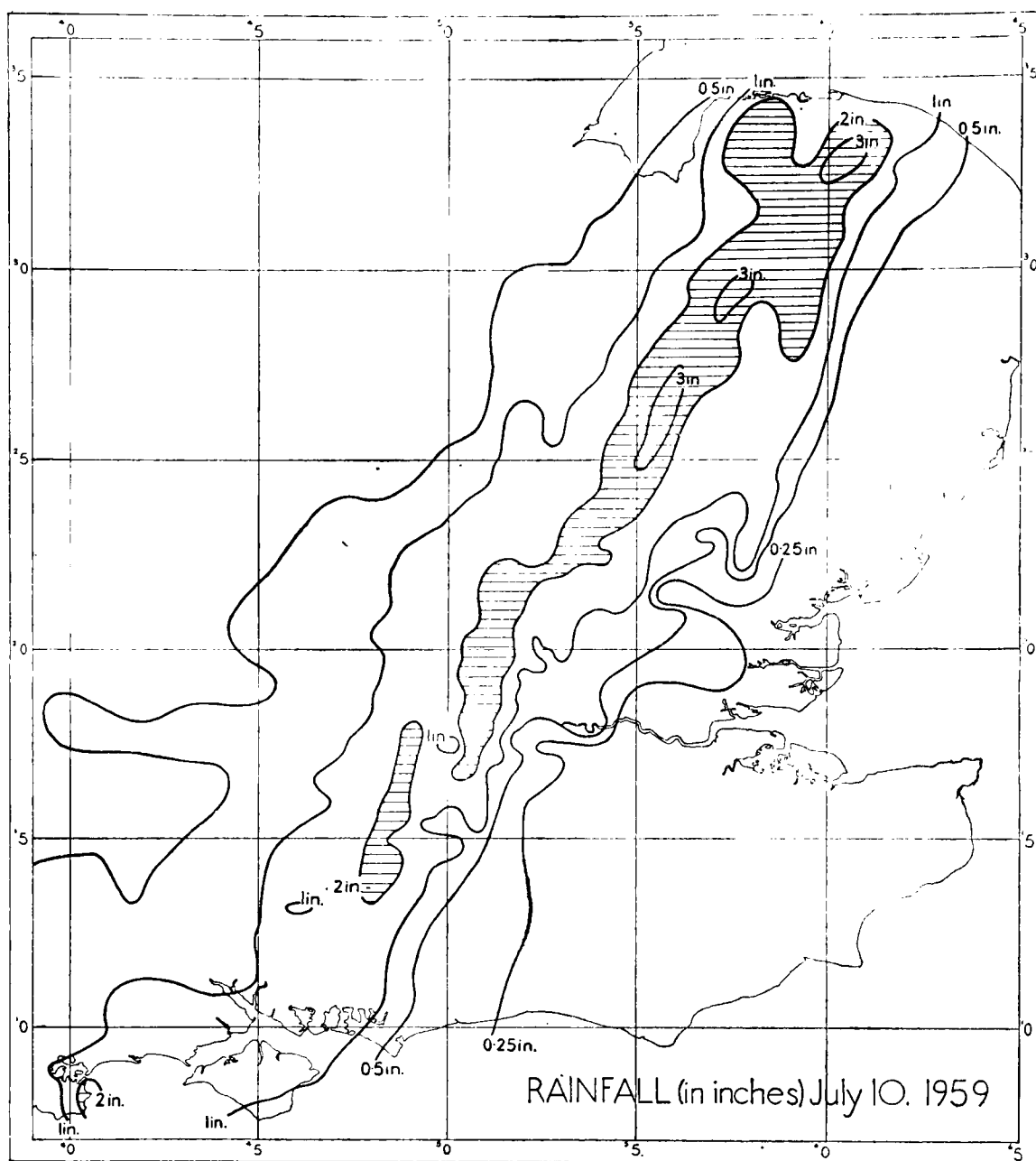


<i>Middlesex—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ickenham (Pumping Station).....	2.40		13.0
Rayners Lane (High Worple).....	2.29		10.8
Ruislip Reservoir.....	2.85		12.6
Pinner (Hillcrest Avenue).....	2.53		11.0
Wealdstone (Kodak Works).....	1.65		7.6

<i>Hertfordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Maple Cross (Sewage Works).....	2.24		10.1
Northwood (St. Mary's Avenue)....	2.64		11.1
Batchworth Heath (Bathend).....	2.39		11.7
Batchworth (Pumping Station).....	2.06		9.0
Chorleywood (Berry Lane).....	2.09		8.7
Watford (Aldenham Road).....	2.66		11.4
Watford (Waterworks).....	2.35		9.7
Chorleywood (Pumping Station)....	1.93		7.6
Watford (Callowland).....	2.25		9.3
Hunton Bridge (Pumping Station)...	2.30		8.8
King's Langley (Fir Tree Cottage)...	2.53		9.3
St. Albans (Hill End House).....	1.96		8.4
St. Albans (Holywell Hill).....	2.41		10.2
St. Albans (Stonecross Pump. Station)	2.49		10.3
Rothamsted (Harpenden).....	2.35		9.4
Wheathampstead (Water End House)	2.50		11.7

<i>Hertfordshire—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Harpenden (Sancey Avenue).....	2.32		9.7
Hadham (Pumping Station).....	1.45		7.6
Welwyn (Codicote Lodge).....	1.79		8.0
Ware (Barwick).....	1.70		8.0
Breachwood Green.....	2.13		9.0
Little Hadham (Hadham Hall).....	1.71		7.6
Whitehall (Pumping Station).....	2.00		7.9
Stevenage (Broomin Green).....	1.90		8.6
Braughing.....	2.10		9.0
Braughing (Upp Hall).....	2.00		9.5
Ardeley Bury.....	2.02		8.7
Buntingford (Chipping Pumping Stn.)	2.02		9.7
Anstey (Hall Farm).....	2.54		12.3
Barley (Dalnyveed).....	2.41		12.3
Royston (East Brooklands).....	1.79		9.3

<i>Buckinghamshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Mentmore Gardens.....	1.90		7.7
Eton (Tangier Island).....	1.59		7.6
Slough (Baylis House).....	1.76		7.9
Taplow Court Gardens.....	1.80		8.0
Burnham (Waterworks).....	1.80		7.7
Gerrards Cross (Bulstrode Gardens).	1.74		7.7



<i>Bedfordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Luton (Pumping Station).....	2.13		9.4
Luton (Wardown Park).....	1.93		8.9
Meppershall (High Street).....	1.80		8.8
Stotfold (Three Counties Hospital) ..	1.32		7.5
Silsoe (Wrest Park).....	1.48		8.2
Sandy (Sewage Works).....	1.24		8.0

<i>Cambridgeshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Melbourn (County School).....	1.82		9.7
Great Shelford Vicarage.....	2.49		12.2
Fulbourn (Fleam Dyke).....	3.16		15.0
Fulbourn (Hospital).....	3.02		14.9

<i>Cambridgeshire—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Cambridge (Grantchester Meadows).....	2.08		11.7
Cambridge (Corporation Store Yard).....	2.12		10.9
Cambridge (Corporation Pump. Stn.).....	2.13		11.0
Cambridge (Woodlark Road).....	1.88		9.5
Cambridge (N.I.A.B.).....	1.87		10.0
Quy Hall.....	3.17		15.1
Milten (Fen Road).....	2.41		12.1
Swaffham Prior Vicarage.....	3.50		17.8
Waterbeach (Bottisham Lock).....	2.65		14.0
Cottenham (Bernard House).....	1.73		9.3
Fordham (Carter Street).....	2.88		14.6
Stretham (Engine House).....	2.08		12.6

<i>Cambridgeshire—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ely (Roswell Pits).....	2·01		11·0
Ely (Prickwillow).....	2·15		11·3
Littleport (Highfield House).....	1·75		10·2

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Maunden.....	1·62		7·6
Quendon (Rickling).....	1·81		8·4
Saffron Walden (Technical School)...	1·72		8·4

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Newmarket (Sewage Outfall).....	2·18		10·3
Mildenhall (Worlington).....	2·44		13·8
Mildenhall (Eriswell Pumping Stn.)..	1·80		9·9
Mildenhall Airfield.....	2·46		13·8
Isleham Lock.....	2·94		15·0
Brandon (Waterworks).....	1·67		8·2

<i>Norfolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
East Dereham (The Laboratory)....	2·53		10·7
West Raynham Airfield.....	1·74		8·2
Colkirk Hall.....	2·09		9·2
Fakenham (Sapelli).....	1·77		8·0
Great Yarmouth.....	1·41		7·6
Hindolveston (Hope House).....	3·45		13·6
Erpingham (Wolterton Park).....	1·93		9·0
Fulmodestone School.....	2·41		10·2
Holt (Brinton Grange).....	2·96		13·7
Sheringham (Pine Grove).....	1·83		7·9
Wiveton (Glaven Corner).....	1·99		9·0
Thetford (Kilverstone Hall).....	2·79		12·7
Thetford (Waterworks).....	2·18		11·2
Santon Downham.....	1·92		9·1
Denton Lodge (Pumping Station)...	3·19		15·9
Sothery (Pumping Station).....	1·80		10·3
Hilborough Hall Gardens.....	2·18		11·5
Swaffham (Cemetery).....	2·17		11·0
Marham Airfield.....	2·00		10·1
Narborough Hall.....	1·51		7·6
Narborough (Narford Hall).....	1·79		8·5

July 11

<i>Lincolnshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Sutton Bridge.....	1·44		7·6

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Morvern (Kingairloch).....	3·56		3·3
Loch Creran (Rhugarbh).....	2·75		4·7
Kilmelfort (Tralaig Blaran).....	2·65		3·3
Ardrishaig (Stronachullin).....	2·90		4·4
Crarae Lodge.....	2·60		4·6
Inveraray Castle Gardens.....	2·71		3·4
Shira Main Dam.....	2·56		2·7
Toward (Knockdow Gardens).....	2·80		5·0
Dunoon (Waterworks).....	2·84		3·8
Ardnadam (Ashville).....	2·61		3·9
Lochgoilhead (Ardgoil).....	2·70		3·0

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Arisaig House.....	2·92		4·5
Rhum (Kinloch Castle).....	2·89		2·8

July 16

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Thirlmere (The Nook).....	2·90		3·1

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Llydaw Intake).....	3·30		2·5

July 26

<i>Yorkshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Pickering (Porters Headland).....	1·93		9·2

<i>Durham</i>	<i>in.</i>	<i>or</i>	<i>%</i>
West Hartlepool (Catcote Road)....	1·38		7·7
West Hartlepool (The Clock).....	1·61		8·3
West Hartlepool (Waterworks).....	1·54		7·8
West Hartlepool (Hart Reservoir)...	1·52		7·9
Sunderland (Cleadon Pumping Stn.)..	1·36		7·7
South Shields (Bents Park).....	1·48		7·6
South Shields (South Pier Works)...	1·38		7·7

<i>Northumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
North Shields.....	1·53		7·8
Tynemouth (Tyne Pier Works).....	1·32		7·6
Acklington Airfield.....	1·43		7·6

<i>Perth</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Comrie (Invergeldie Lodge).....	2·50		4·5
Lednoch Dam.....	2·65		4·7

July 28

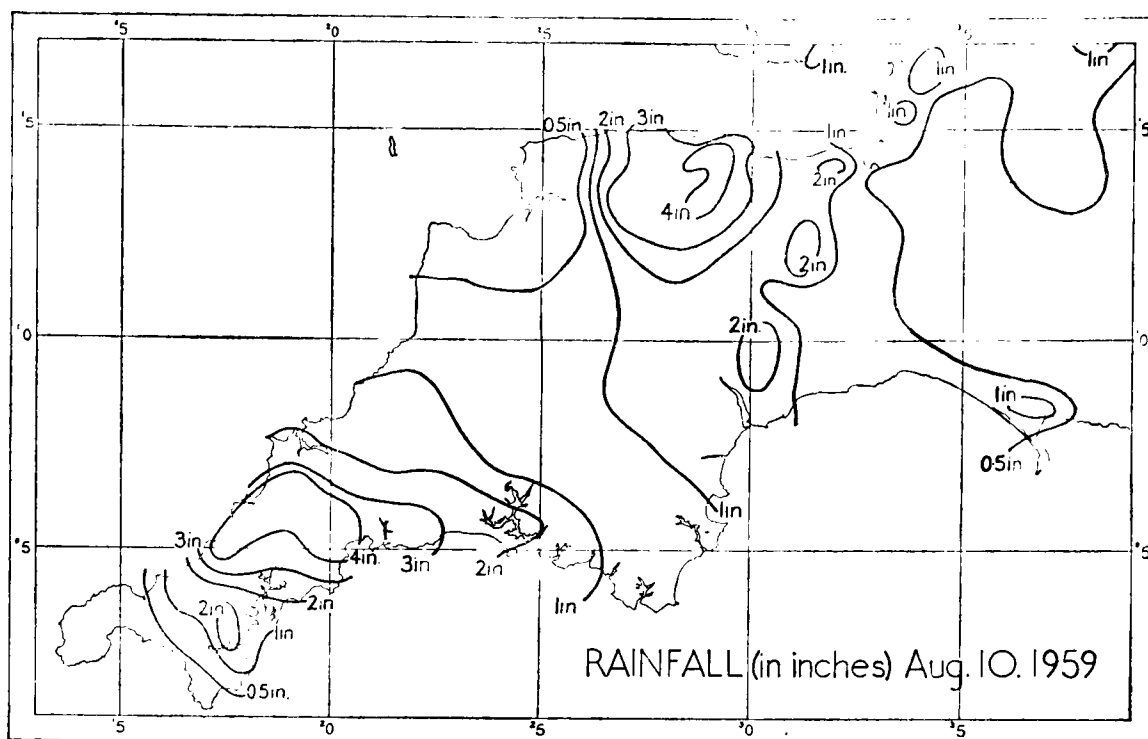
<i>Bedfordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Biggleswade (Newspring Pump. Stn.)	1·43		7·7

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Aldeburgh (Iken Way).....	1·64		9·1

July 29

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Chelmsford (Longstomps Reservoir).	1·60		8·0

August was warm, sunny and very dry apart from thunderstorms. A small depression moving northward from France brought, on the 10th, widespread and exceptionally severe thunderstorms to south-west and central England. The map on page 78 shows the amount of rain which fell in 24 hours during severe thunderstorms in Somerset and Cornwall on the 10th. About 3 in. was recorded over most of Exmoor, the heaviest fall probably being at Porlock Hacketty Way, where there was some evidence, though unfortunately of a very doubtful nature, that there may have been a fall of as much as 10 in. Near by at Porlock, Nutscale Reservoir, a fall of 5·06 in. occurred. Places as far apart as Hawbridge, Winsford and Timberscombe recorded over 4 in. In Cornwall, over



4 in. fell within an area extending from St. Mawgan, St. Brides, St. Austell to St. Agnes, and over 2 in. within an area bounded by a line drawn from Plymouth to Padstow in the north and from Portreath, Redruth to St. Maws in the south. Widespread rain in southern England on the 12th was associated with a small depression in the English Channel. Thunderstorms were locally heavy especially in north-west and in south-east England on the 21st, and in Scotland on the 23rd.

August 9

<i>Hampshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hayling Island.....	2.03		7.6
Havant (Portsmouth Waterworks)...	2.36		7.9
<i>Oxfordshire</i>			
Kidlington (Shipton-on-Cherwell)...	2.15		8.5

August 10

<i>Northamptonshire</i>			
Market Deeping (Etton).....	2.06		12.0
<i>Norfolk</i>			
Thetford (Waterworks).....	2.02		10.4
Santon Downham.....	2.33		11.0
<i>Devonshire</i>			
Hennock (Hazelwood).....	2.80		5.8
Chagford (Metherall).....	2.56		3.1

Devonshire—continued

	<i>in.</i>	<i>or</i>	<i>%</i>
Rockbeare Manor.....	3.19		8.2
Morebath Manor.....	3.20		6.7
East Anstey (Barton House).....	2.80		5.0
West Buckland School.....	3.26		6.6

Cornwall

St. Mawgan Airfield.....	4.78		10.2
Wadebridge (Trevanson).....	2.91		5.9
Padstow (Barrys Lane).....	2.81		6.3
St. Mawes (Lawn Bank).....	2.58		6.1
Portmellon.....	3.37		7.3
Truro W.W. (Lower Tregurrow)....	3.10		6.5
Ladock (Pumping Station).....	4.18		8.5
Fowey.....	3.65		8.5
St. Stephen (Hendra Pumping Stn.)..	4.77		8.5
St. Austell (Poltair Public Gardens)..	4.39		7.7
St. Austell (Trethurgy).....	4.15		6.4
Lerryn (Fore Street).....	3.75		7.7
Looe (Polteana).....	2.84		5.2
Liskeard (Penmilder).....	2.64		4.4
Liskeard (Treventon).....	2.70		4.6

Somerset

Angersleigh (Leigh Reservoir).....	2.90		6.7
Treborough (Sminhayes Farm).....	2.93		5.1
Luxborough.....	3.85		7.0
Timberscombe (Great House).....	4.00		8.2
Porlock (Nutscale Reservoir).....	5.06		8.3
Minehead (Blenheim Gardens).....	3.88		10.1
East Anstey (Dassels).....	2.81		5.2
Dulverton (The Cottage).....	3.14		5.9

<i>Somerset—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Dulverton (Council Offices).....	3·14		5·9
Hawbridge (Liscombe).....	4·11		6·9
Winsford.....	4·22		7·4
Kinsford (Gate Quarry).....	3·53		4·5
Exford (Lower Thorne).....	3·40		5·2
Exford (New Rectory).....	3·18		5·1
Simonsbath (Honeymead).....	2·56		3·9
Pinkworthy Farm.....	3·51		4·9
Church Stanton (Otterhead).....	2·66		5·4

<i>Staffordshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Tettenhall (Waterworks).....	1·98		7·6
Tividale (Sewage Disposal Works)...	2·02		7·7
West Bromwich (Dartmouth Park)...	3·50		12·8
Tipton (Toll End Sewage Works)....	2·01		8·3
Wednesbury (Ocker Hill).....	1·95		8·7
Walsall (Bescot Sewage Farm).....	2·34		9·2
Darlaston (Sewage Works).....	1·94		7·5
Willenhall (Sewage Works).....	1·32		8·5
Bilston (The Lunt Outfall).....	1·95		7·4

<i>Worcestershire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Shelsley Beauchamp.....	2·10		8·3
Oldbury (Barnford Hill Park).....	2·34		8·4

<i>Warwickshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Birmingham (Handsworth).....	2·72		9·9
Birmingham (Saltley Sewage Works)	2·23		8·4
Birmingham (Handsworth Park)....	2·67		9·2
Handsworth (Wood Lane).....	2·91		10·8
Handsworth (Howard Road).....	2·95		11·3
Birmingham (Great Barr).....	2·26		8·9
Sutton Coldfield (Four Oaks).....	2·35		8·5

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhose Airfield.....	2·81		8·1

August 12

<i>Norfolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Caister Hall.....	1·25		8·3

August 21

<i>London</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Bermondsey (Southwark Park).....	1·81		8·5
Hackney (Clapton Pond).....	2·69		12·6
Finsbury (New River Head).....	1·95		8·6
Bethnal Green (Victoria Park).....	2·38		10·8
Isle of Dogs (Island Gardens).....	1·64		9·5
Old Ford (Penstock House).....	1·82		9·7

<i>Kent</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Erith (Sewage Works).....	1·77		9·7

<i>Essex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Leyton (Sewage Works).....	1·48		7·6
Lea Bridge (Waterworks).....	1·53		8·1

<i>Lancashire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Liverpool (Monument Place).....	2·20		6·9

August 23

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Glen Etive (Dalness).....	3·29		3·2

September was sunny and warm and exceptionally dry over England and Wales, most places being virtually without rain during the first three weeks.

October. After a warm and sunny beginning weather was changeable and stormy during the latter half of October, although a small depression moving across the country gave rain in most districts on the 9th–12th. There was unusually heavy rainfall in central and southern Scotland, Northern Ireland and western districts of England and Wales on the 17th as a vigorous depression crossed southern England, and the next day another depression brought heavy rainfall to Wales as it moved north-east across the British Isles. The warm front of an Icelandic depression brought heavy falls to north Wales and western Scotland on the night of the 20th/21st and on the 23rd a wave depression on a slow moving cold front, gave heavy rain in northern Scotland, as it moved north-east. On the 26th an intense depression, which moved across northern Scotland, was preceded by exceptionally large falls of pressure, resulting in gale force winds and widespread heavy rain.

October 9

<i>Cornwall</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Looe (Polteana).....	3·01		5·5

October 17

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Braithwaite (Black Wood).....	2·62		4·1

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Edeyrn Tydweiliog (Cefnamwlch)...	2·75		5·1
Bethesda (Penrhyn Quarries).....	2·94		4·3

<i>Isle of Man</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Sulby (Filter House).....	2·60		6·0
Ramsey (Ballure Reservoir).....	3·03		5·9

<i>Channel Islands</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Kings Mills.....	2·80		7·6

<i>Wigtownshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Stranraer Filters.....	2·69		6·6
Stranraer (Penwhin).....	2·81		5·5

<i>Kirkcudbrightshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Carsphairn (Knockengarroch).....	2·95		5·3
Carsphairn (Drumjohn).....	3·03		5·3

<i>Dumfriesshire</i>			<i>Yorkshire—continued</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Moniaive (Dalmacallan).....	2.62	4.8	Ribblehead (Station).....	2.89	4.8
Maxwelton House.....	2.50	5.6	Great Hey.....	2.60	5.0
Euchanbank.....	3.25	4.3	Hey Springs.....	2.82	5.4
Kirkconnel (Fauldhead).....	2.80	5.8	Holmbridge (Yateholme).....	2.74	5.3
<i>Lanarkshire</i>			Marsden Reservoir.....	2.72	5.9
Daer (Sweetshaw Burn).....	2.78	4.3	Slaithwaite (Blackmoorfoot).....	2.61	6.8
Daer (Garls Craig).....	2.85	4.1	Soyland Moor (Byron Edge).....	2.89	6.8
Elvanfoot (Peden Reservoir).....	2.56	4.2	Walsden (Warland Reservoir).....	2.65	5.6
<i>Ayrshire</i>			Walsden (Warland Drain).....	3.08	6.2
Loch Doon (Garpel Burn).....	2.74	4.6	Walsden (Ramsden Reservoir).....	2.86	5.8
Dalmellington (Mosssdale Filters)....	3.09	5.9	Bradford (Thornton Moor Filters)...	2.56	5.8
Colmonell (Knockdolian).....	2.97	7.8	Salterforth (Barnoldswick W.W.)...	2.69	7.2
Barr (Changue).....	2.53	4.9	Threshfield.....	2.58	6.8
Afton Reservoir (Filters).....	3.44	4.2	Kettlewell.....	2.53	5.1
<i>Angus</i>			Ramsgill (Raygill House).....	2.80	6.7
Loch Lee (Inchgrundle).....	2.64	5.2	Ramsgill.....	2.52	6.3
October 18			Nidderdale (West Houses).....	2.65	4.7
<i>Caernarvonshire</i>			Hawes Junction.....	3.04	5.0
Bethesda (Gerlan).....	2.80	4.4	<i>Cumberland</i>		
October 20			Thirlmere (The Nook).....	3.10	3.3
<i>Merionethshire</i>			Borrowdale (The Moraine).....	3.57	3.8
Llyn Stwlan.....	2.91	3.2	Thirlmere (Dale Head Hall).....	3.19	3.7
Blaenau Ffestiniog (Llechwedd Qu'ry)	2.73	3.0	<i>Westmorland</i>		
<i>Caernarvonshire</i>			Great Langdale (Copt Howe).....	3.39	3.7
Beddgelert (Primary School).....	2.62	8.0	Rydal (The Hall).....	2.80	3.5
Snowdon (Cwm Dyli).....	2.52	2.2	Great Langdale (Long House).....	3.84	3.9
Snowdon (Llydaw Intake).....	2.70	2.1	Grasmere (Woningsworth).....	3.34	3.7
<i>Argyllshire</i>			<i>Glamorgan</i>		
Morvern (Kingairloch)....	2.53	2.4	Ogmore Vale.....	2.77	2.9
<i>Inverness-shire</i>			Pontypridd (Boys' Grammar School)	2.55	4.3
Rhum (Kinloch Castle).....	2.82	2.7	Pontypridd (Lanwood Reservoir)....	2.58	4.1
October 23			Porth Park.....	2.59	3.6
<i>Inverness-shire</i>			Treorchy (Pumping Station).....	2.92	3.6
Glen Garry (Kingie Camp).....	2.56	3.1	Treherbert Park.....	2.79	3.0
Loch Arkaig (Achnacarry).....	3.51	4.6	Rhondda (Castell Nos Reservoir) ...	3.25	3.6
<i>Ross and Cromarty</i>			Rhondda (Lluest Wen Filter).....	3.25	3.4
Kinlochewe (Anancaun).....	4.02	4.9	Rhondda (Lluest Wen Reservoir) ...	3.05	3.3
Loch Maree (Letterewe).....	2.75	3.5	<i>Cardiganshire</i>		
October 26			Birmingham W.W. (Abergwngu)....	2.65	3.7
<i>Lancashire</i>			<i>Montgomeryshire</i>		
Rochdale (Cowm, Whitworth).....	2.54	5.4	Corris (Ceinws Camp).....	2.98	4.4
Pendle Hill (Buttock).....	2.61	5.8	Llangurig (Manod).....	3.25	4.3
Coniston (Holywath).....	2.54	5.4	Gam (Cwm Derwen).....	2.68	4.9
<i>Yorkshire</i>			Gam (Abercannon Farm).....	2.87	5.0
Slaidburn (Hareden Valley).....	2.77	4.6	Twrch (Dol y Gaseg).....	3.58	5.7
Slaidburn (Langden Brook).....	2.90	4.4	Lake Vyrnwy (Experimental Station)	2.64	4.4
Slaidburn (Dunsop Houses).....	2.71	4.6	<i>Merionethshire</i>		
Slaidburn (Stocks) No. 10.....	2.98	5.8	Bala (Craig Nant).....	3.21	4.7
Slaidburn, No. 21B.....	2.55	5.2	Afon Mynach (Hafod Nwydog)....	2.59	3.9
Slaidburn (Stocks) No. 21D.....	2.75	5.5	Blaenau Ffestiniog (Oakeley Quarry)	2.97	3.2
Slaidburn (Stocks) No. 11A.....	2.61	5.3	Blaenau Ffestiniog (Llechwedd Quarry)	2.52	2.8
Slaidburn, No. 11.....	2.59	5.3	<i>Caernarvonshire</i>		
			Lake Eigiau (Dam Site).....	3.56	4.4
			Snowdon (Cwm Dyli).....	2.97	2.6
			Snowdon (Llydaw Intake).....	3.24	2.5

<i>Ayrshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Blair Gardens.....	2·70		5·6
<i>Renfrewshire</i>			
Lochwinnoch (Kaim Dam).....	2·70		4·2
<i>Dunbartonshire</i>			
Sloy (Main Adit)....	2·52		2·2
<i>Argyllshire</i>			
Glenleven (Blackwater Dam, South).	2·52		2·7
Glen Etive (Dalness).....	2·61		2·5
<i>Inverness-shire</i>			
Chliostair (Power Station).....	3·22		3·9

November. November rainfall was comparatively light during the first week but a deep depression from the Atlantic brought heavy rain to western Scotland on the 8th. After a cold, foggy spell, an intense depression remained almost stationary over the country on the 13th–15th giving heavy rain in south-east England on the 13th and in South Wales on the 15th. Rain in western Scotland was heavy on the 22nd associated with the frontal system of a complex depression in the North Atlantic. Waves moving north-east along a quasi-stationary cold front, gave heavy rain in South Wales and south-west England on the 25th.

November 8

<i>Dunbartonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Sloy (Main Adit).....	2·71		2·4

November 13

<i>Kent</i>			
Sandwich (Loop Street).....	1·96		7·8

November 15

<i>Pembrokeshire</i>			
Letterston (Trecwn House).....	3·00		5·1

November 22

<i>Argyllshire</i>			
Ardgour (Inversanda).....	2·58		2·5

November 25

<i>Devonshire</i>			
Roborough (Maristow Gardens)....	2·52		4·3
Sheepstor (Redstone).....	2·68		4·1
Sheepstor (Burrator).....	2·71		4·1
Sheepstor (Head Weir).....	2·65		4·0
Dartmoor (Lowery).....	2·67		4·0
Dartmoor (North Hessary Tor)....	2·68		3·6
Sourton (Prewley Treatment Works).	2·79		4·2

<i>Cornwall</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Liskeard (Minions).....	2·79		3·8
<i>Somerset</i>			
Crewkerne (Lyme Road).....	2·51		6·0
Crewkerne (The Reservoir).....	2·55		5·8
<i>Monmouthshire</i>			
Tredegar (Laboratory).....	2·67		4·1
Tredegar (Bedwellty Park).....	2·85		4·2
Tredegar (Nant-y-bwch W.W.).....	3·00		4·4
Ebbw Vale W.W. (Carno South)....	3·00		4·2
Beaufort (Blaen-y-cwm Reservoir)...	2·64		4·1
<i>Glamorgan</i>			
Neath (Cimla Reservoir).....	2·63		4·4
Maesteg (Welfare Park).....	2·56		3·6
Pontcymmer.....	3·16		3·9
Ogmore Vale.....	3·20		3·4
Treorchy (Pumping Station).....	3·28		3·7
Ferndale Park.....	3·10		3·9
Treherbert Park.....	3·32		3·6
Mountain Ash (Darranlas Reservoir)	2·67		3·8
Treherbert (Tyn-y-waun).....	3·71		3·9
Rhondda (Castell Nos Reservoir) ...	3·16		3·5
Rhondda (Lluest Wen Filter).....	3·75		3·9
Rhondda (Lluest Wen Reservoir)....	3·71		4·0
Merthyr Tydfil (Penbryn Filters)....	2·52		3·9
Merthyr Tydfil (Bronygarth).....	3·03		4·7
Dowlais.....	2·66		4·1
Dowlais (Gwernllwyn).....	2·62		4·3
Rhymney Bridge.....	2·61		3·7
<i>Carmarthenshire</i>			
Llyn-y-fan Fach (Nant Coch).....	2·78		3·3
Llyn-y-fan Fach (Troed-y-Foel).....	2·89		3·5
<i>Brecknockshire</i>			
Ystradgynlais (Ynyscedwyn House) .	2·59		3·7
Aberdare (Nanthir Reservoir).....	2·62		3·9
Cardiff W.W. (Cefn-Coed-y-Cymmer)	2·86		4·6
Cardiff W.W. (Llwynon Reservoir) ..	2·50		3·7
Taf Fechan (Pentwyn Reservoir, S.) .	2·75		3·6
Cardiff W.W. (Beacons Reservoir)...	2·69		2·9
Cardiff W.W. (Storey Arms Field)...	2·80		2·8
Taf Fechan (Neuadd Res.) No. 1A..	2·54		2·8
Ebbw Vale W.W. (Llangynidr) 1....	2·85		4·1
Ebbw Vale W.W. (Llangynidr) W3..	2·76		3·7
Ebbw Vale W.W. (Llangynidr) NW2	3·14		4·2
Ebbw Vale W.W. (Carno, W.).....	3·30		4·5
Swansea W.W. (Cray Res.) No. 1... .	2·53		2·9

December. Winds were light during the first few days of December with fog in the north, but in the south the 3rd–8th was wet, with heavy falls on the 6th and 7th in southern England, South Wales and central Scotland. Very mild air gave heavy rain as it spread over Wales on the 19th. Heavy showers on the 26th were associated with a deep depression to the west of Scotland.

December 5

<i>Dorset</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Lytchett Matravers.....	2.62		7.8

December 6

<i>Sussex</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Bosham (Codnor).....	2.08		7.8
<i>Monmouthshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Cwmtillery Reservoir.....	2.56		4.1
<i>Brecknockshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Gilwern (Bryn-yr-Haul).....	2.91		5.0
<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Glen Fyne Lodge.....	2.86		3.2
<i>Perthshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Braentrain.....	2.95		4.8
Ardalnaig (Old School House).....	2.75		5.4
Ardalnaig (Milton).....	2.53		5.2
Glenshee Lodge.....	2.95		5.7

<i>Angus</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Loch Lee (Inchgrundle).....	2.52		4.9
Loch Lee (Invermark).....	3.80		7.3
Tarfside (Low Level).....	2.84		5.9

December 7

<i>Brecknockshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Black Mountains (Blaen-y-cwm).....	2.81		4.3
Black Mountains (The Dam, Grwyne Fawr).....	2.83		4.3

December 19

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhondda W.W. (Llyn Fawr Res.)...	3.00		3.1
Ogmore Vale.....	2.74		2.9
Treorchy (Pumping Station).....	2.70		3.0
Treherbert Park.....	2.58		2.8
Treherbert (Tyn-y-waun).....	2.70		2.8
Rhondda (Lluest Wen Filter).....	2.86		3.0
Rhondda (Lluest Wen Reservoir)...	3.07		3.3

<i>Brecknockshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Cardiff W.W. (Beacons Reservoir)...	2.50		2.7
Cardiff W.W. (Storey Arms Field)...	2.61		2.6

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Lake Eigiau (Dam Site).....	2.50		3.1
Snowdon (Cwm Dyli).....	3.13		2.7

December 26

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Capel Curig (Gwydyr).....	3.00		4.2

1960

January was generally unsettled with a cold, snowy period mid-month. A deep depression

from the Atlantic, moving across Scotland, gave heavy rain in Aberdeenshire on the 19th. This was followed by an active warm front which brought a change to very mild weather over most of the country. Rainfall was extremely heavy in many northern and western districts on the 21st, 22nd and 23rd, as disturbances crossed the country. After a quieter period, winds freshened and rain was heavy locally on the 27th, ahead of a depression moving north-east from the Bay of Biscay. Rain was also heavy in parts of Wales on the 29th and in northern England and Scotland on the 30th.

January 19

<i>Aberdeenshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Glen Tanar (Mansion House).....	3.53		6.9

January 21

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Thirlmere (The Nook).....	2.50		2.4

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Grasmere (Woningworth).....	2.95		2.7

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Llydaw Intake).....	2.60		1.6

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Glenleven (Blackwater Dam, S.).....	2.61		3.1

January 22

<i>Lancashire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Coniston (Holywath).....	4.67		4.4
High Wray (Huyton Hill School)...	3.49		4.0

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Thirlmere (The Nook).....	3.36		3.2
Borrowdale (The Moraine).....	3.42		3.4
Thirlmere (Dale Head Hall).....	2.86		3.0
Ulpha.....	2.67		2.8

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hawes Water (Burn Banks).....	2.94		3.6
Windermere (Nurseries).....	2.50		3.3
Windermere (Holehird).....	3.04		3.8
Windermere (Brockhole).....	3.01		3.6
Windermere (Briery Close).....	3.10		4.0
Ambleside.....	3.64		4.4
Great Langdale (Copt Howe).....	3.15		2.8
Rydal (The Hall).....	3.66		3.9
Great Langdale (Long House).....	3.06		2.6
Grasmere (Woningworth).....	2.93		2.7

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli).....	4.16		2.9

January 23

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Princetown (H.M. Prison).....	2.50		2.3

January 27

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Aberangell (Gwynynd).....	3·02		4·0

January 29

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Llyn Stwlan.....	3·55		3·0
Blaenau Ffestiniog.....	4·01		4·2
Blaenau Ffestiniog (Oakeley Quarry).....	2·80		2·5
Blaenau Ffestiniog (Llechwedd Qu'ry).....	3·64		3·5

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli).....	4·79		3·3

January 30

<i>Lancashire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Coniston (Holywath).....	2·98		2·8

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Thirlmere (The Nook).....	2·88		2·7
Ulpha.....	3·31		3·5

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Windermere (Brockhole).....	2·57		3·1
Great Langdale (Copt Howe).....	2·54		2·3
Great Langdale (Long House).....	2·99		2·6
Grasmere (Woningworth).....	2·91		2·7

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Blaenau Ffestiniog (Oakeley Quarry).....	2·53		2·2

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli).....	2·76		1·9

<i>Kirkcudbrightshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Glenloch.....	2·78		5·0
Laggan of Dee.....	2·57		3·3
Auchencairn (Daffin Cottage).....	2·64		4·8
Auchencairn (Torr House).....	2·61		4·6

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Carradale (The Manse).....	2·53		4·3

February. The month began mild and wet with some exceptionally heavy rainfall in Wales, northern England and Scotland on the 2nd, associated with an intensifying depression off the coast of Ireland. Heavy rain on the 19th was associated with a complex area of low pressure which covered the country from 17th to 20th. Southerly gales, associated with a large low-pressure area in the eastern Atlantic, brought a general rise of temperature and widespread rain on the 24th which persisted for about three days; rain was heavy in parts of Wales on the 26th and 27th.

February 2

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Thirlmere (The Nook).....	3·02		2·8
Borrowdale (The Moraine).....	2·62		2·6
Ulpha.....	3·05		3·2

<i>Westmorland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Hawes Water (Burn Banks).....	2·93		3·6
Great Langdale (Copt Howe).....	5·03		4·4
Rydal (The Hall).....	2·89		3·1
Great Langdale (Long House).....	4·13		3·5
Grasmere (Woningworth).....	4·86		4·5

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhondda W.W. (Llyn Fawr Res.)... ..	2·59		2·0
Treherbert (Tyn-y-waun).....	2·55		2·1
Rhondda (Castell Nos Reservoir)	2·65		2·4
Rhondda (Lluest Wen Filter).....	3·09		2·7
Rhondda (Lluest Wen Reservoir)....	2·83		2·5

<i>Carmarthenshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Llyn-y-fan Fach (Nant Coch).....	3·55		3·5
Llyn-y-fan Fach (Troed-y-Foel).....	3·77		4·0

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli).....	3·63		2·5
Snowdon (Llydaw Intake).....	4·14		2·6

<i>Ayrshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Afton Reservoir (Filters).....	2·82		3·3

<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Morvern (Kingairloch).....	3·56		4·0

February 19

<i>Cumberland</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ulpha.....	2·79		2·9

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Llyn Stwlan.....	3·58		3·0

February 26

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhondda W.W. (Llyn Fawr Res.)... ..	3·09		2·4
Treherbert (Tyn-y-waun).....	2·84		2·4
Rhondda (Castell Nos Reservoir)	2·73		2·5
Rhondda (Lluest Wen Reservoir)....	2·56		2·3

<i>Carmarthenshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Llyn-y-fan Fach (Nant Coch).....	2·66		2·7
Llyn-y-fan Fach (Troed-y-Foel).....	2·52		2·7

February 27

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Cwm Dyli).....	2·78		1·9

March was a drier month with no rain heavy enough for inclusion in this chronicle.

April was changeable and rather wet during the first half of the month. On the evening of the 9th a depression approached Ireland from the Atlantic bringing widespread rain, which was heavy in parts of Wales on the 10th and in Scotland on the 12th, associated with a following wave depression.

April 10

<i>Caernarvonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Snowdon (Llydaw Intake).....	3·43		2·1

April 12		
<i>Renfrewshire</i>	<i>in.</i>	<i>or %</i>
Calder Water (Barytes Mine).....	2·66	2·9
<i>Argyllshire</i>		
Ardgour.....	3·38	4·5
Glen Etive (Dalness).....	2·59	2·7
Loch Awe (Inverinan).....	2·76	3·9
Glenorchy (Airidh Castuluaich).....	3·00	3·8
Bridge of Orchy.....	2·62	3·3
Inveroran Hotel.....	3·21	4·4
Kilmelfort (Tralaig, Blaran).....	2·66	3·4
<i>Inverness-shire</i>		
Loch Oich (South Laggan).....	2·98	4·8
Loch Hourn (Kinlochourn).....	2·59	3·5
Spean Bridge (Gairlochy).....	3·38	5·7
Fort William (Secondary School)....	2·78	—

<i>Ross and Cromarty</i>		
Kinlochewe (Anancaun).....	2·51	3·9

May was warm and mainly dry, but with the development of a trough of low pressure over the Bay of Biscay, a spell of thundery weather began on the 8th and lasted about five days; thunderstorms were unusually heavy in Co. Down on the 12th and in Perthshire on the 13th.

May 12		
<i>County Down</i>	<i>in.</i>	<i>or %</i>
Leathemstown.....	3·20	6·4

May 13		
<i>Perthshire</i>		
Dalchruin.....	2·77	3·3
Bridge of Earn (Ballendrick).....	2·98	8·0
Strath Bran (Garrows).....	3·08	4·6

June. Although the month was generally warm and sunny, weather was changeable during the second and third weeks and thunderstorms were frequent. A vigorous depression, moving north-east towards Scotland, gave heavy rain in Wales and northern England on the 7th and in northern Scotland on the 9th. There were severe thunderstorms in southern and central England on the 22nd and 23rd (see Section 8).

June 7		
<i>Westmorland</i>	<i>in.</i>	<i>or %</i>
Great Langdale (Long House).....	2·72	2·3

<i>Glamorgan</i>	<i>in.</i>	<i>or %</i>
Rhondda W.W. (Llyn Fawr Res.)...	2·69	2·1
Treherbert Park.....	2·52	2·3
Treherbert (Tyn-y-waun).....	2·51	2·1
Rhondda (Castell Nos Reservoir)....	2·80	2·5

<i>Caernarvonshire</i>		
Snowdon (Llydaw Intake).....	3·74	2·3

June 9		
<i>Ross and Cromarty</i>		
Loch Torridon (Torridon House)...	3·56	—
Kinlochewe (Anancaun).....	2·87	4·5
Loch Bad-na-Sgalaig.....	2·51	4·3
Applecross Gardens.....	2·50	4·4

June 22		
<i>Hampshire</i>		
Milford-on-Sea (Knole).....	2·66	5·6

<i>Oxfordshire</i>		
Oxford (Hinksey Pumping Station)...	2·67	7·1
Oxford (Osney Lock).....	2·50	7·0
Oxford (Richmond Road).....	3·07	8·2
Oxford (Norham Road).....	3·42	8·7
Oxford (Radcliffe Met. Station)....	3·20	8·4
Hampton Polytechnic (The Old Rectory)...	3·01	8·3
Kidlington (Shipton-on-Cherwell)...	3·11	9·5
West Adderbury (Cross Hill).....	2·55	6·9

<i>Staffordshire</i>		
Rugeley (Brindley Bank).....	2·63	6·4

June 23		
<i>Oxfordshire</i>		
Clifton Hampden (Manor House)...	2·50	6·2

<i>Suffolk</i>		
Ipswich (Westerfield Pumping Stn.)...	2·50	8·0
Ipswich (Daleacre).....	2·70	8·6
Martlesham (Beacon Hill).....	3·16	9·2
Bury St. Edmunds (Corp. Depot)...	3·08	9·5
Bury St. Edmunds (Westley Hall)...	3·33	10·3
Bury St. Edmunds (Beet Sugar Fact'y)	2·67	8·5

<i>Leicestershire</i>		
Hinkley (Woodland Road).....	2·63	8·2

<i>Derbyshire</i>		
Church Gresley (Maurice Lea Park)...	2·75	7·9
Repton (Greenshot).....	2·63	7·0

July was wet with disturbances moving across the country in succession every few days. Rain was widespread on the 5th and 6th, being frequently heavy in the north, as a deepening depression from the Atlantic became slow moving over Scotland. Frontal rain was widespread on the night of the 16th and there were heavy falls in Co. Down, and warm front rain of another disturbance was

widespread and heavy locally in Wales and southern England on the 27th.

following day. Thunderstorms were widespread on the 27th and 28th and became severe in Glamorgan and Inverness-shire.

July 5

<i>Lancashire</i>			
Coniston (Holywath).....	2.50	in. or	2.4

July 6

<i>Lancashire</i>			
Bolton W.W. (Springs) No. 2.....	3.09		4.6
Bolton W.W. (Wayoh) No. 3.....	2.60		4.2
Bolton W.W. (Entwistle).....	2.66		4.2
Haslingden (Holden Wood) No. 1...	2.79		4.4
Haslingden (Holden Wood) No. 2...	2.61		4.3
Haslingden (Calf Hey) No. 1.....	2.72		4.0
Haslingden (Ogden) No. 2.....	2.60		4.3
Darwen (Sunnyhurst Hey Reservoir).	2.80		4.7
Darwen (Earnsdale Reservoir).....	3.00		5.0
Darwen (Bold Venture Park).....	2.83		4.2
Longridge (Cowley Brook).....	2.61		4.7
Wyresdale (Abbeystead Reservoir) ..	2.97		4.7
Abbeystead Gardens.....	2.97		5.2

<i>Yorkshire</i>			
Austwick (Springfield).....	2.61		5.3
Slaidburn (Hareden Valley).....	5.07		6.1
Slaidburn (Langden Brook).....	5.03		5.9

<i>Cumberland</i>			
Braithwaite (Black Wood).....	2.81		3.8
Ulpha.....	2.81		3.0

July 16

<i>County Down</i>			
Mourne Mountains (Foffany Res.)..	3.18		3.4

July 27

<i>Merionethshire</i>			
Llyn Stwlan.....	2.59		2.2

August was generally cool and wet with frequent thunderstorms. Outbreaks of thundery rain began on the 5th and continued with increasing severity until the 9th; falls were heavy in southern England, South Wales and the Midlands. On the night of the 10th/11th, a small disturbance, the first Atlantic system of the month, moved along the English Channel accompanied by considerable rain which was heavy locally in Sussex on the 10th and 11th. On the 24th, a secondary to an Atlantic depression moved north-eastwards from the South-West Approaches into the Irish Sea, giving heavy rain in Northern Ireland and western Scotland; rain was also heavy in northern Scotland the

August 7

<i>Middlesex</i>			
Acton (Pumping Station).....	3.25	in. or	10.6

<i>Oxfordshire</i>			
Chipping Norton (Heythrop College)	3.00		6.8

<i>Northamptonshire</i>			
Desborough (U.D.C. Waterworks) ..	2.71		7.9

<i>Shropshire</i>			
Monkmoor (Sewage Works).....	3.34		8.6
Shrewsbury (Monkmoor).....	3.03		7.9

<i>Glamorgan</i>			
Rhubina Reservoir.....	2.57		3.8

August 8

<i>Essex</i>			
Little Holland (The Sluice House)...	2.60		8.1

August 9

<i>Sussex</i>			
Brighton W.W. (Balsdean Reservoir)	2.54		5.4

August 10

<i>Sussex</i>			
Newick (Hollygrove Cottage).....	2.63		5.9

August 11

<i>Sussex</i>			
Streat Hill Farm.....	2.77		4.9

August 24

<i>Kirkcudbrightshire</i>			
Dalry (Kendoon).....	2.72		4.7
Carspairn (Fingland).....	(2.90)		4.4
Chipperkyle.....	2.82		4.9

<i>County Antrim</i>			
Parkmore Forest.....	2.78		—
Portrush.....	4.82		11.6

<i>County Londonderry</i>			
Coleraine.....	3.95		9.2
Coleraine (The Cutts).....	6.00		12.3
Eglinton.....	2.57		—

August 25

<i>Morayshire</i>			
Forres (Dallas Lodge).....	3.58		9.2
Glen Latterach (Filter Station).....	3.13		8.7
Kellas (Kellas House).....	3.46		9.2
Lhanbryde (Blackhills House).....	2.93		8.4

<i>Nairnshire</i>			
Drynachan Lodge.....	3.31		8.0
Lethen.....	3.10		10.3

<i>Nairnshire—continued</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Cawdor (Auchindoune).....	3.45		10.6
Cawdor Castle.....	3.05		9.9
Nairn (Firhall).....	2.25		8.2
Nairn (Balblair).....	2.42		8.3

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Aviemore (Kinrara).....	2.11		7.6
Loch-an-Eilein (Achnagoichan).....	2.49		7.8
Loch Morlich (Forester's Cottage)...	2.99		7.2
Loch Morlich (Glenmore Lodge)....	3.03		7.2
Dalcross Airfield.....	3.03		10.8
Inverness (Harbour Road).....	2.14		8.0

<i>Ross and Cromarty</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Fortrose.....	2.30		8.7
Millbuie (Blackstand).....	2.88		8.8
Strathconon (Bridgend).....	2.72		6.2

August 27

<i>Glamorgan</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Rhondda W.W. (Llyn Fawr Res.)... 2.58			2.0

August 28

<i>Inverness-shire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Loch Seilich (Tromie Dam).....	2.80		5.4

September. Although the second week was mainly dry, a slow moving trough from the Atlantic brought rain to western and central districts on the 9th, and this was heavy locally over higher ground in Wales. On the 19th, a depression moved north-east from France and deepened in the southern North Sea; rain was widespread and heavy at times, especially in East Anglia. The month will be long remembered for the severe flooding in south-west England during the last few days, due to almost continuous and heavy rain from a complex depression off the south-west of the British Isles; at some places 5 in. of rain were recorded in four days. The heaviest rain was first experienced in Cornwall on the 27th, but by the 29th exceptionally heavy rain had spread to Devon. The next day heavy rain was still falling in Devon and had spread also to Somerset and the Isle of Wight. (Maps for September 29th and 30th and for October 6th for south-west England, are reproduced from the *Meteorological Magazine*, April 1961, Vol. 90, No. 1065.)

September 9

<i>Merionethshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Llyn Stwlan.....	2.64		2.2

September 19

<i>Cambridgeshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Waterbeach (Bottisham Lock).....	3.13		9.9
Waterbeach Airfield.....	3.21		10.2
Little Thetford (Pumping Station)...	2.43		8.2

<i>Suffolk</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Little Cornard (Moss Cottage).....	2.43		8.4
Lowestoft (Secondary School).....	2.77		7.9

September 27

<i>Cornwall</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Trevone (Pentonwarra).....	4.06		9.1
Portmellon.....	2.76		5.4

September 29

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
South Brent (Didworthy Sanatorium)	2.65		2.9
Dartmoor (Fox Tor).....	3.68		3.8
Dartmoor (Strane Valley).....	3.82		3.9
Princetown (H.M. Prison).....	3.04		2.9
Henock (Hazelwood).....	3.23		5.7
Christow (Kennick).....	3.08		4.3
North Tawton.....	2.55		4.5

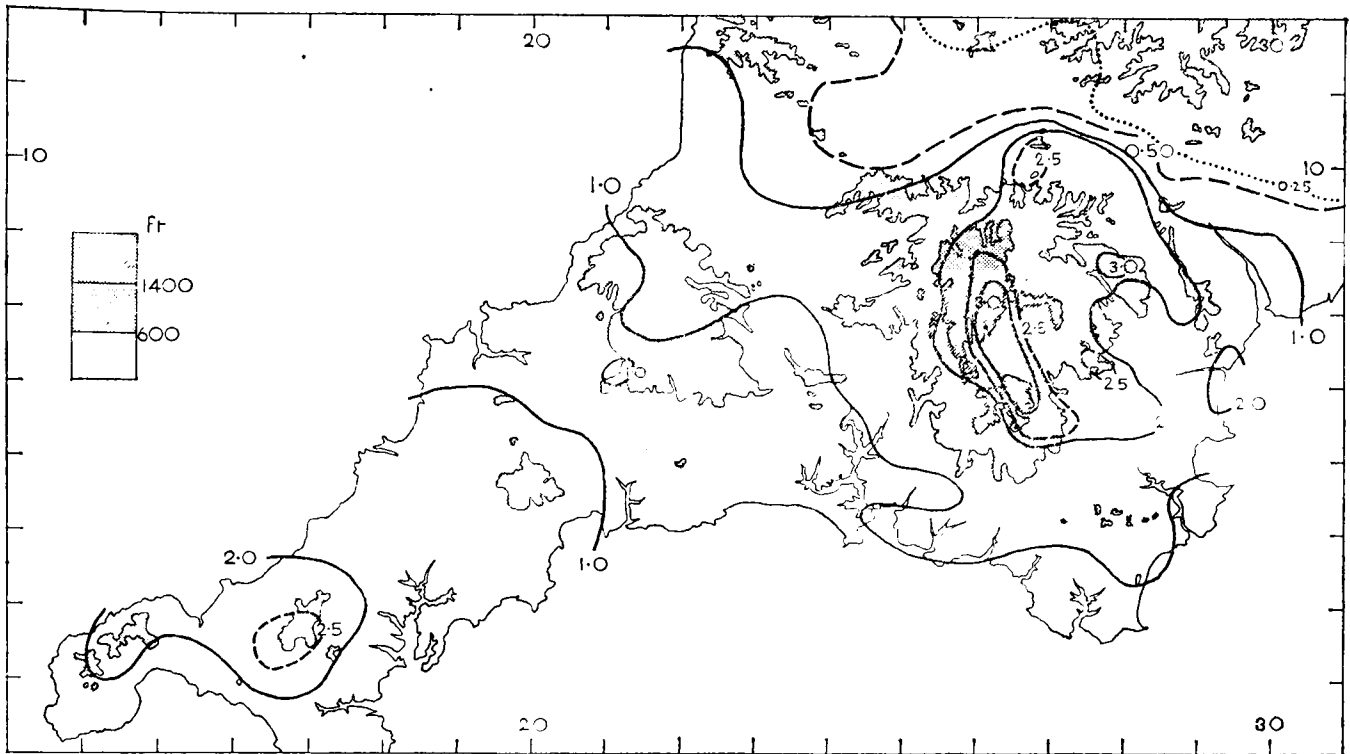
<i>Cornwall</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Crowan (Boswyn Reservoir).....	2.90		4.6

September 30

<i>Isle of Wight</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Chillerton (Waterworks).....	3.11		5.9
Cowes Waterworks (Broadfields)....	2.90		6.0

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ashburton (Place).....	2.61		3.8
Dartmoor (Swincombe).....	2.50		2.7
Bovey Tracey (Yarner Wood).....	3.00		4.0
Lustleigh (Tottiford).....	2.83		4.0
Christow (Kennick).....	2.81		3.9
Chagford (Metherall).....	2.57		2.6
Chagford (Yellam Cottage).....	2.60		3.7
Exmouth Filters (Salterton Road)...	2.54		5.2
Exton (Whinfield House).....	2.70		5.5
Shillingford Rectory.....	2.99		5.6
Exminster (Trood House).....	2.94		5.4
Topsham (Newcourt Road).....	2.64		5.2
Exeter (Heavitree).....	3.07		6.5
Pinhoe (Redhayes).....	2.70		5.7
Hemyock (Mountshayne).....	2.93		5.2
Beer (Windyridge).....	2.70		5.5
Lyme Regis (Pinhay).....	2.60		4.7
Colyton (Colyford).....	3.89		7.0
Seaton Junction.....	3.50		6.1
Kilminster (Springfield).....	2.54		4.5
Honiton (Copper Castle Reservoir)...	3.30		5.4
North Tawton.....	2.66		4.7
Okehampton (Waterworks).....	2.72		3.7

<i>Somerset</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Porlock Weir.....	3.24		5.4



Rainfall (ins.) for the 24 hours beginning 0900 GMT 29 September 1960

October. The warm front of a depression off the coast of Ireland gave heavy rain in Northern Ireland and Scotland on the 2nd as it moved north-east. An exceptionally heavy outbreak of thundery rain occurred in west Lincolnshire on the 7th, and the next day, as a depression moved from south-west England to the southern North Sea, there was heavy rain in most southern counties, and this spread to Yorkshire and Co. Durham on the 9th. A slow-moving occlusion, associated with a depression over the Bay of Biscay, gave heavy rain in parts of Scotland on the 23rd as it moved north; by the 24th the main depression was centred over the Bristol Channel, bringing heavy rain to South Wales. The depression later became established over southern England, rain becoming heavy in Somerset, Devon and Cornwall, on the 26th.

October 2

<i>Buteshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Lochransa.....	3.42	—	

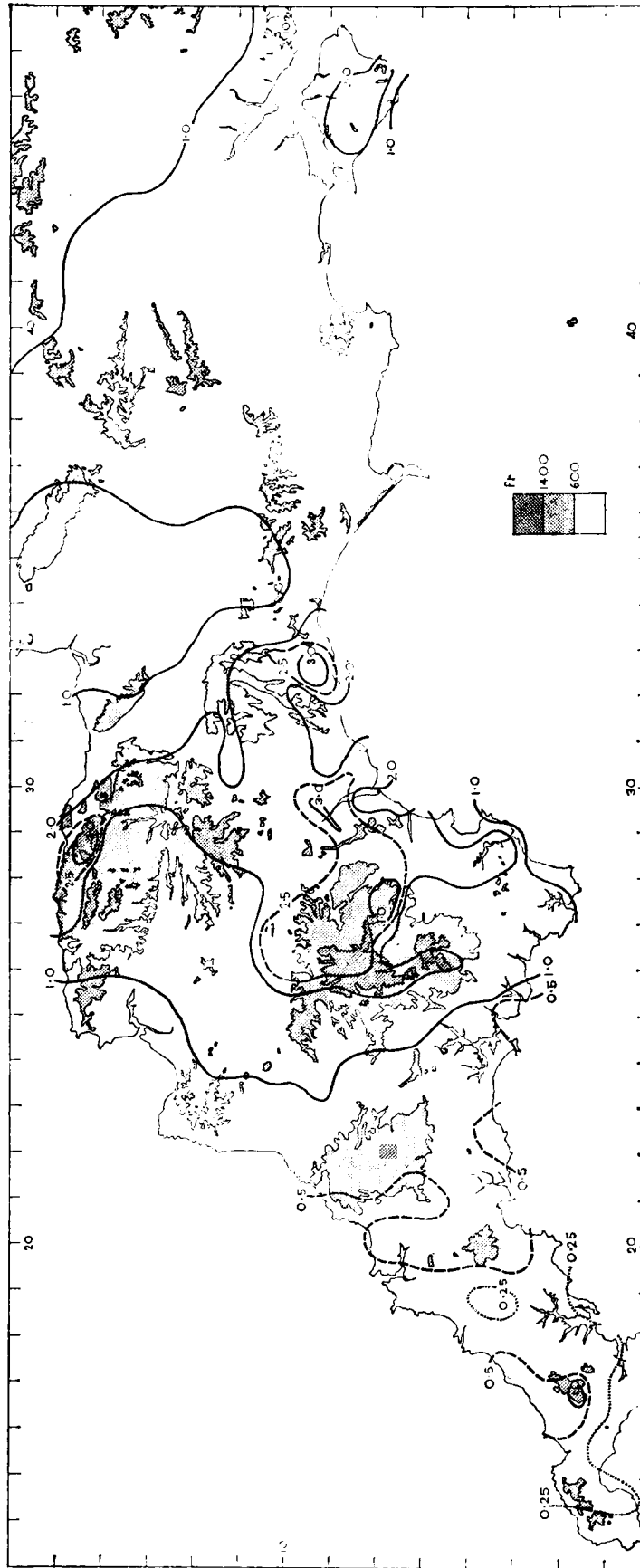
<i>Argyllshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Clachan (Power Station).....	2.79		3.7
Glen Fyne Lodge.....	2.95		3.2
<i>County Fermanagh</i>			
Bessbrook.....	2.66		5.7

October 7

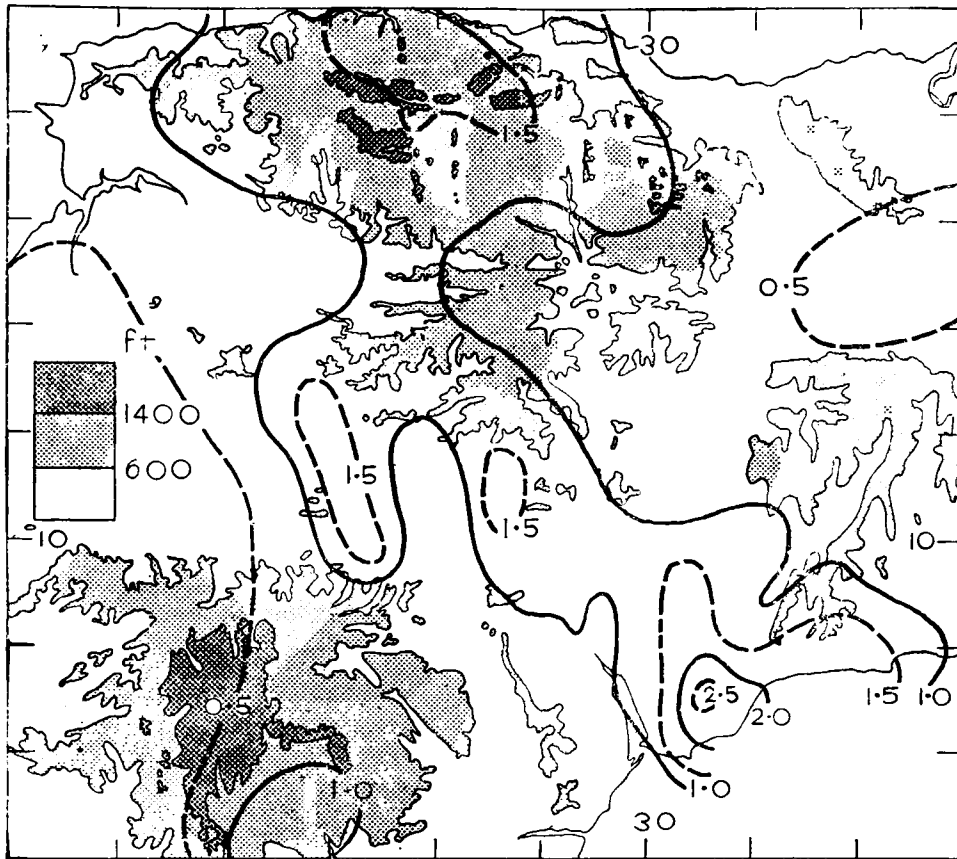
<i>Lincolnshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Revesby Reservoir.....	6.41		10.4
Horncastle.....	7.24		19.8
Baumber (Old Vicarage).....	2.62		7.4

October 8

<i>Hampshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Ringwood (Crow Hill).....	2.51		5.2
Ringwood (Hightown).....	2.61		5.4
Ringwood (Linwood).....	2.72		5.3
Fordingbridge (Furze Hill).....	2.90		5.4
Bartley (The Nurseries).....	2.98		5.6
Rowhams (The Green).....	2.87		6.0
Romsey (Embley Gardens).....	2.87		6.0
Romsey (Stroud School).....	2.54		—
Romsey (Timsbury Pumping Station).....	3.18		6.7
Hursley (Merdon Manor).....	2.62		5.4
Sparsholt.....	3.03		6.3
Stockbridge (Houghton Lodge).....	3.10		6.7
Stockbridge (Houghton Down Farm).....	3.09		7.1
Nether Wallop (Garlogs).....	3.31		7.4



Rainfall (ins.) for the 24 hours beginning 0900 GMT 30 September 1960



Rainfall (ins.) for the 24 hours beginning 0900 GMT 6 October 1960

<i>Hampshire—continued</i>			<i>Wiltshire—continued</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Stockbridge (Leckford Estate)	3.28	6.7	Salisbury (Sewage Works)	2.93	6.8
Sutton Scotney (Wonston Manor)	2.78	6.4	Wilton (Stone Lodge)	2.75	5.6
Grateley (Fox Farm)	2.51	5.3	Porton (C.D.E.E.)	2.73	6.3
Overton	2.57	5.9	Redlynch House	2.94	5.9
Winchester (Recreation Ground)	2.53	5.3	Whiteparish (Sarum Quarry)	2.95	6.3
Winchester (Hatherley Road)	2.55	5.4	<i>Dorset</i>		
Winchester (Harestock)	2.61	5.4	Poole (Pitwines Gasworks)	2.70	5.4
Itchen Abbas (Chilland)	2.57	6.0	Parkstone (Balmoral Road)	2.52	5.4
Petersfield (Town Hall)	3.10	—	Wimborne (Stapehill)	2.58	5.1
Liss (Kippences)	2.57	5.3	<i>Somerset</i>		
East Tisted (Rotherfield Park)	2.50	4.9	Luxborough	4.05	5.7
Alton (Treloar Hospital)	3.12	6.5	Timberscombe (Great House)	2.63	4.5
Alton (Waterworks)	2.93	6.5	Porlock Weir	2.77	4.6
Alton (Lasham Pumping Station)	3.11	6.7	<i>Yorkshire</i>		
Long Sutton	2.78	6.6	Greenfield (Yeoman Hey)	3.04	4.7
Basingstoke (Winslade House)	2.85	6.6	Great Hey	2.75	3.9
Basingstoke (Upton Grey House)	3.04	7.5	Hey Springs	2.83	4.0
Greywell (Pumping Station)	2.57	6.5	Holmbridge (Yateholme)	2.91	4.2
Basingstoke Cemetery	2.69	6.7	Holmbridge (Ramsden)	2.91	4.4
<i>Buckinghamshire</i>			October 9		
Slough (Baylis House)	2.50	6.9	<i>Yorkshire</i>		
<i>Wiltshire</i>			Westerdale	2.67	5.8
Broad Chalke	2.75	5.8	Danby Lodge	3.42	7.0
Salisbury (Folkestone Road)	2.94	6.7	Kildale Hall	2.70	5.6

County Durham *in. or %* on the 29th and in Caernarvonshire, Westmorland and Lanarkshire on the 30th.
 Burnhope Reservoir 3·00 5·2

October 23

Angus
 Glenogil (Waterworks) 2·51 5·1
Kincardineshire
 Fettercairn (Glensaugh) 2·52 4·8

October 24

Brecknockshire
 Cardiff W.W. (Beacons Reservoir) . . . 2·57 2·3
 Cardiff W.W. (Storey Arms Field) . . . 2·60 2·3
 Taf Fechan (Neuadd Reservoir) 1a . . . 2·60 2·3
 Taf Fechan (Neuadd Reservoir) 11a . . . 2·80 2·6
 Black Mountains (Blaen-y-cwm) 3·01 3·6
 Black Mountains (The Dam, Grwyne Fawr) 3·05 3·5

October 26

Devonshire
 Holsworthy (Pyworthy Rectory) 2·63 4·3
 Holsworthy (Bodmeyric) 2·68 3·9
 Hemyock (Culm Davy House) 2·50 5·3
 Stoodleigh (Court Gardens) 2·54 4·1
 Chumleigh (Middle Garland) 2·80 5·3
 East Anstey (Barton House) 2·60 4·1

Cornwall
 Boyton (Ditchen) 2·86 4·4

Somerset
 Luxborough 3·34 4·7
 Timberscombe (Great House) (3·00) 5·1
 Washford (Torre) 2·53 5·2
 Bicknoller (Weacombe House) 2·85 6·2
 Sampford Brett 2·71 6·2
 Minehead (Blenheim Gardens) 2·87 6·1
 East Anstey (Dassels) 2·61 4·1

November. An intense and complex depression to the north and west of the British Isles gave heavy rain in north-west England on the 1st and 2nd. Heavy falls in Ayrshire on the 10th and in Dumfriesshire the next day, were associated with a deep depression off the coast of Scotland. On the 16th, a trough to a large depression south of Iceland gave heavy rain in north Wales, and there was more heavy rain in Wales on the 25th, as the trough to a depression to the west of Ireland moved north-eastward over Britain. On the 29th a deep depression moved north-east over the Atlantic and associated troughs encroaching into western districts of the British Isles gave heavy rain in Caernarvonshire and Argyllshire

November 1

Cumberland *in. or %*
 Borrowdale (The Moraine) 2·89 2·9
Westmorland
 Great Langdale (Copt Howe) 2·57 2·3
 Great Langdale (Long House) 2·66 2·3

November 2

Cumberland
 Borrowdale (The Moraine) 3·46 3·5

November 10

Ayrshire
 Afton Reservoir (Filters) Old Site . . . 2·80 3·3

November 11

Dumfriesshire
 Eucharbank 2·66 3·2

November 16

Caernarvonshire
 Snowdon (Llydaw Intake) 2·68 1·7

November 25

Glamorgan
 Rhondda W.W. (Llyn Fawr Res.) . . . 2·57 2·0
 Treorchy (Pumping Station) 2·52 2·3
 Rhondda (Llyest Wen Filter) 2·63 2·3
 Rhondda (Llyest Wen Reservoir) . . . 2·60 2·3

Brecknockshire
 Ebbw Vale W.W. (Langynidr) NW2. 2·55 2·8

Merionethshire
 Llyn Stwlan 2·58 2·2

November 29

Caernarvonshire
 Snowdon (Cwm Dyli) 2·63 1·8
 Snowdon (Llydaw Intake) 2·90 1·8

Argyllshire
 Altnafeadh 2·94 —

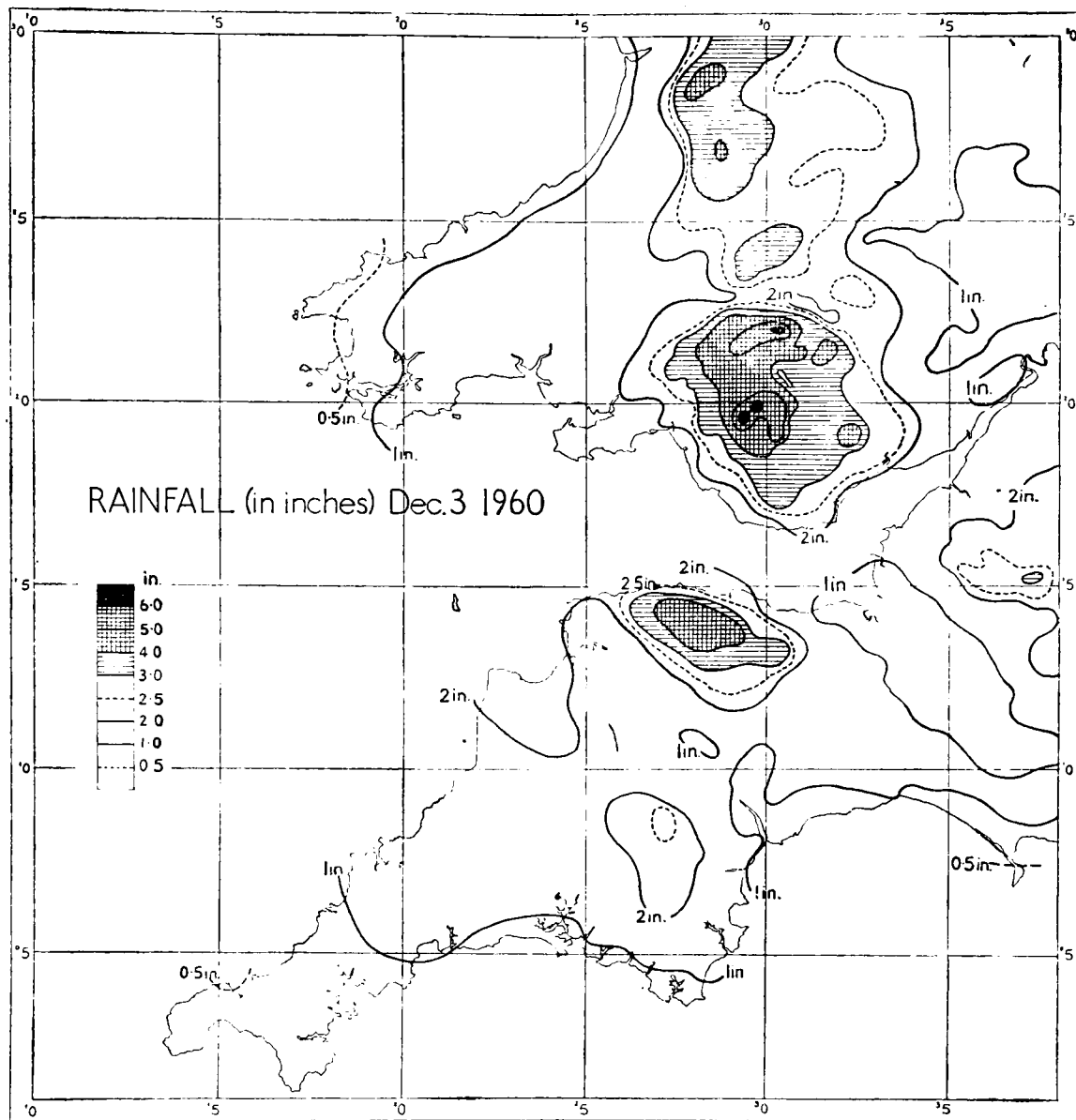
November 30

Westmorland
 Great Langdale (Copt Howe) 2·67 2·4

Caernarvonshire
 Snowdon (Llydaw Intake) 2·92 1·8

Lanarkshire
 Daer (Garls Craig) 2·78 3·8
 Daer (Daerhead) 2·75 3·1

December began with a deep depression near Iceland; an associated frontal belt moved



quickly over northern districts, but became almost stationary over Wales and central districts of England from the morning of the 3rd to the morning of the 4th; there was heavy rain in south-west England, central and southern counties of Wales, where some falls exceeded 6 in. (see accompanying map), in the north and west Midlands and in Yorkshire. Christmas Day was mainly dry in the south and east but there was heavy rain in north Wales and southern Scotland that night and in northern Scotland the following day as a

deepening depression moved between Scotland and Iceland.

December 3

<i>Devonshire</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Chagford (Metherall).....	3.16		3.2
Chagford (Thornworthy).....	2.93		3.2
Chagford (Teignworthy).....	2.72		3.2
Chagford (Yellam Cottage).....	2.55		3.6
East Anstey (Barton House).....	2.57		4.1
Challacombe (Chase Terrace).....	3.26		4.2
<i>Somerset</i>			
Frome Waterworks (Egford).....	2.64		5.5
Binegar (Gurneyslade).....	2.82		4.7

<i>Somerset—continued</i>			<i>Glamorgan</i>		
	<i>in.</i>	<i>or</i>	<i>in.</i>	<i>or</i>	<i>%</i>
Stratton-on-Fosse (Downside Abbey)	2.85	5.6	Ystalyfera (Wern House).....	2.85	3.4
Chilcompton (Manor Farm).....	2.85	—	Rhondda W.W. (Llyn Fawr Res.)...	4.57	3.6
Radstock (Ammerdown House)....	2.97	5.1	Cowbridge (Tair Onen).....	3.14	5.0
Chewton Mendip (The Priory).....	2.70	4.6	Cardiff (St. Fagan's Castle).....	2.65	4.1
Hinton Blewett Manor.....	2.65	4.9	Llantrisant.....	3.80	5.3
Huish Champflower.....	2.50	3.9	Llanharan (Sewage Works).....	3.00	4.5
Clatworthy (White's Farm).....	3.05	4.8	Coed-Ely (Coke Ovens).....	3.86	5.1
Luxborough.....	2.68	3.8	Maesteg (Welfare Park).....	2.88	3.2
Timberscombe (Great House).....	2.90	5.0	Rhubina Reservoir.....	3.84	5.6
East Anstey (Dassels).....	2.83	4.5	Nantgarw (Coke Ovens).....	3.20	4.5
Dulverton (The Cottage).....	2.95	4.4	Pontypridd (Ty-Gwyn Reservoir)...	3.92	5.0
Dulverton (Secondary School).....	2.70	4.1	Pontypridd (Boys' Grammar School)	3.45	4.8
Dulverton (Council Offices).....	2.95	4.5	Pontypridd (Lanwood Reservoir)...	3.50	4.7
Hawbridge (Liscombe).....	3.83	5.2	Porth Park.....	5.55	6.3
Winsford.....	3.45	4.9	Gelligaled (Recreation Ground)....	4.80	5.3
Exford (Lower Thorne).....	4.60	5.8	Treorchy (Pumping Station).....	5.88	5.3
Exford (New Rectory).....	4.38	5.6	Treharris (Service Reservoir).....	3.44	4.9
Simonsbath (Honeymead).....	4.05	5.1	Treherbert Park.....	5.11	4.6
Simonsbath (Lodge).....	4.23	—	Mountain Ash (Darranlas Reservoir)	5.42	6.2
Pinkworthy Farm.....	4.26	4.8	Treherbert (Tyn-y-waun).....	5.93	5.0
<i>Shropshire</i>			Rhondda (Castell Nos Reservoir)...	5.38	4.9
Anchor (Kerry Forest).....	2.60	4.5	Rhondda (Lluest Wen Filter).....	5.65	5.0
<i>Derbyshire</i>			Rhondda (Lluest Wen Reservoir)...	6.02	5.4
Buxton (Stanley Moor).....	2.54	3.9	Merthyr Tydfil (Penybryn Filters)...	3.01	4.2
River Ashop (Weir).....	2.98	4.5	Merthyr Tydfil (Bronygarth).....	3.20	4.3
Fairholmes (Nursery).....	2.79	4.7	Dowlais.....	2.91	4.0
<i>Yorkshire</i>			Dowlais (Gwernllwyn).....	2.56	3.6
Midhope Moor (Barnside).....	2.75	4.7	Dowlais (Garth Filter Beds).....	3.45	4.3
Langsett Moor (Midhope).....	3.02	5.5	Cardiff (Roath Park).....	(2.50)	4.6
Langsett Moor (Flouch Road).....	2.52	5.0	Cardiff (Heath Filters).....	2.72	4.7
Wogden Foot (Cat Clough).....	2.73	4.6	Llanishen Reservoir.....	2.65	4.2
Dunford Bridge (Stoney Gate).....	3.15	5.1	Rhymney Bridge Reservoir.....	3.81	4.7
Dunford Bridge Reservoir.....	2.94	4.7	<i>Cardiganshire</i>		
Dunford Bridge (Harden).....	2.73	4.6	Cwmystwyth.....	3.05	4.1
Penistone (Broadstone Reservoir)...	2.57	4.7	Afon Rheidol (Nant-y-moch).....	3.13	3.8
Hey Springs.....	2.50	3.6	Birmingham W.W. (Abergwngu)....	3.38	3.9
Holmbridge (Yateholme).....	2.50	3.6	<i>Brecknockshire</i>		
Holmbridge (Ramsden).....	2.50	3.8	Swansea W.W. (Nantyrwydd).....	4.24	3.8
Holmfirth (Holme Styes Reservoir)..	2.67	4.9	Ystradfellte Reservoir.....	5.38	5.1
<i>Monmouthshire</i>			Aberdare (Nanthir Reservoir).....	3.23	4.0
Machen (Wyndham Street).....	2.90	4.6	Cardiff W.W. (Cefn-Coed-y-Cymmer)	2.59	3.5
Newport (Cleppa Park).....	2.62	4.6	Taf Fechan (Pontsticill).....	3.23	3.9
Rogerstone (Newport Golf Links)...	2.74	4.4	Cardiff W.W. (Llwynon Reservoir)..	4.25	4.8
Abercarn (Nantydraenog Reservoir)..	3.31	4.5	Taf Fechan (Pentwyn Reservoir)...	4.10	4.4
Blackwood.....	3.58	4.9	Cardiff W.W. (Cantref Reservoir)...	4.31	4.5
Llanhilleth (Pen-y-fan).....	3.34	4.3	Cardiff W.W. (Beacons Reservoir)...	5.21	4.7
Abertillery (The Park).....	2.75	3.4	Cardiff W.W. (Storey Arms Field)...	5.35	4.7
Cwmtiltery Reservoir.....	2.57	3.2	Taf Fechan (Neuadd Reservoir) 1a..	6.07	5.3
Tredegar.....	3.32	4.2	Taf Fechan (Neuadd Reservoir) 11a.	4.23	3.0
Tredegar (Georgetown Waterworks)..	3.26	4.7	Ebbw Vale W.W. (Llangynidr) 1....	4.10	4.9
Tredegar (Nant-y-bwch Waterworks)	3.80	4.6	Ebbw Vale W.W. (Llangynidr) W3..	4.20	4.7
Ebbw Vale Waterworks (Carno, S.)...	3.53	4.3	Ebbw Vale W.W. (Llangynidr) NW2.	4.17	4.7
Newport (Frobisher Road).....	2.57	4.7	Ebbw Vale W.W. (Carno, E.).....	3.55	4.3
Newport W.W. (Ynys-y-fro Farm)...	2.53	4.1	Ebbw Vale W.W. (Carno, W.).....	3.95	4.8
Newport W.W. (Pant-yr-eos Res.)...	4.23	5.4	Ebbw Vale W.W. (Carno, N.).....	4.06	4.9
			Gilwern (Bryn-yr-Haul).....	3.22	4.6
			Talybont (Ffynonwen).....	3.25	4.0

<i>Brecknockshire—continued</i>			<i>Montgomeryshire—continued</i>		
	<i>in.</i>	<i>or %</i>		<i>in.</i>	<i>or %</i>
Talybont (Filter House).....	3·65	4·7	Gam (Cwm Derwen).....	3·10	4·2
Talybont (Tyle Clydach).....	4·10	5·0	Gam (Abercannon Farm).....	4·78	6·3
Crickhowell (Penmyarth).....	2·73	4·5	Llanerfyl.....	3·50	—
Swansea W.W. (Cray Reservoir)....	4·27	4·3	Twrch (Dol-y-Gaseg).....	4·29	4·9
Talybont (Ashford).....	3·58	5·4	Lake Vyrnwy.....	3·37	4·4
Brecon (Tairbull School).....	2·78	3·7	Lake Vyrnwy (Experimental Station)	3·65	4·7
Black Mountains (Blaen-y-cwm)....	2·70	3·2	Lake Vyrnwy (Bank Cynon Isaf)....	3·26	4·3
Black Mountains (The Dam, Grwyne Fawr).....	2·85	3·3	<i>Merionethshire</i>		
Beulah (Llwyn Madoc).....	2·80	4·0	Bala (Boys' Grammar School).....	2·92	5·0
Newbridge (Llysdyham).....	2·72	5·2	Bala (Craig Nant).....	2·73	3·4
Birmingham W.W. (Elan Village)...	3·27	4·6	<i>Caernarvonshire</i>		
Birmingham W.W. (Elan Village)			Snowdon (Cwm Dyli).....	3·14	2·2
No. 2.....	3·69	5·0	December 25		
<i>Radnorshire</i>			<i>Cumberland</i>		
Llyswen (Llanstephan House Gdns.)	2·76	4·6	Thirlmere (The Nook).....	2·70	2·5
Erwood (Cwrt Gwenddwr).....	3·01	5·1	Thirlmere (Dale Head Hall).....	2·66	2·8
Builth (Cefndyrys).....	2·85	5·3	<i>Westmorland</i>		
Birmingham W.W. (Tyrmynydd)....	3·02	4·0	Hawes Water (Burn Banks).....	3·32	4·1
Birmingham W.W. (Ciloerwynt)....	3·04	3·7	Great Langdale (Copt Howe).....	2·61	2·3
Birmingham W.W. (Nantgwyllt)....	3·45	4·2	Rydal (The Hall).....	2·57	2·8
Birmingham W.W. (Tynant).....	3·99	4·6	Great Langdale (Long House).....	2·91	2·5
St. Harmons.....	3·41	5·8	Grasmere (Woningworth).....	2·85	2·7
Knighton.....	2·53	—	<i>Merionethshire</i>		
<i>Montgomeryshire</i>			Llyn Stwlan.....	2·64	2·2
Corris (Ceinws Camp).....	3·07	3·5	Blaenau Ffestiniog (Oakeley Quarry)	2·56	2·2
Birmingham W.W. (Bod Talog)....	3·66	4·4	<i>Caernarvonshire</i>		
Llangurig (Manod).....	3·75	3·9	Snowdon (Cwm Dyli).....	3·46	2·4
Hafren Lodge.....	3·25	4·5	<i>Dunbartonshire</i>		
Clywedog (Aber Biga).....	4·37	6·0	Loch Sloy (Sloy Power Station)....	2·77	3·0
Carno.....	3·04	—	December 26		
Newtown (Gregynog Hall Gardens).	2·58	—	<i>Sutherland</i>		
Cefn Coch.....	3·27	—	Loch Shin (Cassley Power Station)..	2·70	5·5
Llanfair Caereinion.....	2·56	—			

8 Monthly and Annual Rainfall during 1959 and 1960

This section discusses both monthly and annual rainfall, a plan first adopted for 1958. Rainfall data for two very different years are compared, 1959 containing a series of very dry months and 1960 a series of exceptionally wet ones. Monthly and annual rainfall maps and various rainfall tables are included as well as a description of the weather month by month for both years.

The tables in this section include:

Table 8A. General values of monthly and annual rainfall (in inches) for 1959 and 1960 for the various countries of the United Kingdom. They are compiled from the 1916–50 average figures by applying the general percentage values given at the end of Table 8D to the annual general average values given in Table 8B.

Table 8B. General monthly and annual averages of rainfall for the standard period 1916–50.

Table 8C. Monthly and annual rainfall in inches for 414 stations (maximum and minimum values are printed in bold type).

Table 8D. Monthly and annual rainfall for 188 of the stations appearing in Table 8C, expressed as a percentage of the 1916–50 annual station average. Values for England, Wales, England and Wales together, Scotland and Northern Ireland are given at the end of the table.

The maps in this section include:

1. A map for each month of 1959 and 1960 showing the distribution of rainfall over the United Kingdom as a percentage of the appropriate monthly average.

Table 8A. General Rainfall for 1959 and 1960

Months	ENGLAND		WALES		Isle of Man		England and Wales		Scotland		Northern Ireland	
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
	in.		in.		in.		in.		in.		in.	
January.....	3.7	4.8	6.3	7.9	4.0	6.0	4.1	5.2	3.9	4.9	2.7	4.1
February.....	0.3	2.8	0.7	5.5	1.4	4.2	0.4	3.2	1.7	4.7	1.2	3.8
March.....	2.4	1.9	3.7	2.7	3.4	2.5	2.6	2.0	2.9	2.1	3.2	2.3
April.....	2.9	1.5	5.1	3.7	2.8	3.8	3.2	1.8	4.0	3.9	3.2	3.1
May.....	1.0	1.7	2.2	2.1	0.9	3.0	1.1	1.8	1.7	2.2	1.4	2.4
June.....	1.7	1.9	3.0	2.4	2.9	1.7	1.8	2.0	3.6	3.0	2.4	2.9
July.....	2.5	4.4	4.0	5.1	2.5	7.1	2.7	4.5	5.1	4.1	3.7	5.8
August.....	1.4	4.3	1.5	5.6	0.4	2.9	1.4	4.5	2.2	5.9	1.3	5.3
September.....	0.3	4.3	0.5	6.4	1.8	4.6	0.3	4.5	1.7	3.5	1.8	3.2
October.....	3.0	7.1	6.5	7.7	5.7	6.4	3.4	7.2	6.2	4.9	5.2	4.5
November.....	4.3	5.2	8.5	10.9	7.7	9.2	4.8	6.0	7.3	5.9	4.5	4.1
December.....	5.8	4.2	10.0	6.8	9.9	5.5	6.4	4.5	7.3	5.6	6.0	3.8
Year.....	29.3	44.1	52.0	66.8	43.4	56.9	32.2	47.2	47.6	50.7	36.6	45.3

Table 8b. General Monthly and Annual Averages of Rainfall 1916-1950

Months	England	Wales	Isle of Man	England and Wales	Scotland	Northern Ireland
January	3·35	5·83	5·51	3·69	5·66	4·23
February	2·44	4·08	3·44	2·67	3·93	2·93
March	2·13	3·34	3·15	2·30	3·30	2·56
April	2·30	3·18	2·86	2·42	3·30	2·60
May	2·44	3·34	3·10	2·56	3·20	2·76
June	2·10	3·07	3·00	2·23	3·19	2·76
July	3·05	4·13	3·39	3·20	4·19	2·73
August	3·04	4·56	4·13	3·25	4·50	3·94
September	2·84	4·45	4·48	3·06	4·71	3·73
October	3·38	5·78	5·51	3·71	5·81	4·32
November	3·55	5·67	5·22	3·84	5·29	4·02
December	3·21	5·56	5·41	3·53	5·29	4·32
Year	33·83	52·99	49·20	36·46	52·37	41·90

2. Annual maps for the years 1959 and 1960 giving the distribution of rainfall in inches. (N.B. Maps for these two years showing rainfall as a percentage of the appropriate annual average are shown as coloured frontispieces.)

The monthly maps are based on values for about 300 stations, many of which are climatological stations. The data from these are given in the Monthly Weather Report. In contrast, the annual maps are based on as much information as can conveniently be plotted, as these maps, like the corresponding annual percentage maps appearing as coloured frontispieces to this volume, are a valuable aid to the final checking of the reliability of all rainfall records received.

Monthly maps showing rainfall in inches are published in the appropriate volumes of the Monthly Weather Report.

Annual Rainfall during 1959 and 1960

General rainfall during 1959 was below the average over all countries of the United Kingdom the greatest deficit being in Northern Ireland where the mean or general fall was 5·5 in. (13 per cent) below the average, and the smallest deficit being in Wales where the mean

was 1·5 in. (3 per cent) below the average. In spite of the exceptionally dry summer, 1959 was by no means the driest year on record over England and Wales, there having been previously ten drier years in the present century, the most recent being 1955. The years 1911 and 1929 provide interesting parallels with 1959, all three years being comparatively dry during the first nine months and very wet during the remaining three months of the year.

During 1960, rainfall in the southern part of the British Isles was very different to that in the north. In England and Wales the general rainfall over the year has only twice been exceeded (in 1872 and 1852) in a series of measurements and estimates dating back to 1727. In Scotland, however, the annual rainfall was slightly below the average.

A comparison of the annual maps shows that in 1959 the driest areas relative to the average were on the eastern side of the country, where less than 70 per cent of the average occurred fairly extensively in the lower valleys of the Trent, Yorkshire Ouse, Tees, Wear and Tyne and also on the southern shores of the Firth of Forth. The wettest places relative to

Extremes of Monthly and Annual Rainfall at Individual Stations, 1959 and 1960

Rainfall in inches

Monthly totals 1959

	Maximum			Minimum		
	Station	month	in.	Station	month	in.
England..	Borrowdale (Stockley Bridge) (Cumb.)	Dec.	31·00	119 Stations: 26 Feb. * 93 Sept.	Feb. Sept.	nil ,,
Wales....	Snowdon (Grib Goch)..... (Caern.)	Dec.	31·20	Abergavenny (Parc Lettis, Plâs Derwen) (Mon.).....	Sept.	·03
Scotland..	Loch Sloy (Beinn Ime, S.).... (Argyll)	Dec.	23·72	Arbroath (Muirheads Res.)... (Angus)	Feb.	·05
N. Ireland	Mourne Mtns. (Ott)..... (Co. Down)	Dec.	16·65	Limavady (Drenagh)..... (Co. Londonderry)	Feb.	·53

1960

England..	Borrowdale (Seathwaite)..... (Cumb.)	Nov.	28·00	Spurn Head..... (E.R., Yorks)	June	·10
Wales....	Snowdon (Grib Goch)..... (Caern.)	Nov.	32·40	Rhyl (Westbourne Ave.)..... (Flint)	June	·56
Scotland..	Loch Sloy (Beinn Choranach) (Argyll)	Nov.	17·84	Nairn (Golf Course)..... (Nairn)	May	·18
N. Ireland	Mourne Mtns. (Ott)..... (Co. Down)	Oct.	15·40	Ballykelly Airfield..... (Co. Londonderry)	Mar.	1·12

* In southern and in eastern England as far north as Yorkshire.

Annual totals 1959

	Maximum		Minimum	
	Station	in.	Station	in.
England....	Styehead A..... (Cumb.)	150·20	Austerfield P. Stn..... (W.R., Yorks)	13·48
Wales.....	Snowdon (Delta)..... (Caern.)	151·90	Rhyl (Westbourne Ave.)..... (Flint)	23·91
Scotland...	Gairloch (Loch na Aidche)..... (Ross and Cromarty)	166·25	Dunbar (Public Park)..... (E. Loth.)	15·43
N. Ireland..	Mourne Mtns. (Deers Meadow).. (Co. Down)	64·70	Loughall (Manor Farm)..... (Armagh)	25·47

1960

England...	Styehead Tarn..... (Cumb.)	161·25	Upwell (Marmont Priory Lock).. (Cambs.)	24·98
Wales.....	Snowdon (Grib Goch)..... (Caern.)	186·50	Rhyl (Westbourne Ave.)..... (Flint)	31·02
Scotland...	Loch Sloy (Beinn Choranach).... (Argyll)	122·08	Haddington (Neilson Park)..... (E. Loth.)	22·59
N. Ireland..	Mourne Mtns. (Ott)..... (Co. Down)	90·92	Ballykelly Airfield..... (Co. Londonderry)	33·21

the averages were in the south-west (Newquay–Lostwithiel–Camelford areas), and in the extreme north-west of the Isle of Lewis where rainfall exceeded 120 per cent.

In 1960, however, there was a more or less general increase in percentage rainfall from north to south, with the driest areas relative to the average in the north-west Highlands and the Spey Valley, where less than 75 per cent was recorded. The wettest areas, relative to the average, were in the Wye Valley, in Lincolnshire and on the south coast of England where values exceeded 150 per cent. In the Isle of Wight and on the Lincoln Wolds values exceeded 160 per cent of the average with the highest percentage value, 169, occurring at Horncastle.

General Rainfall and Weather during periods of 1959 and 1960 compared with previous years

The most noteworthy features of the two years stand in sharp contrast to each other. The year 1959 was distinguished by brilliantly fine summer weather which lasted, almost without a break, from May to September. The outstanding feature of 1960 was the heavy and persistent rain during the latter half of the year, especially from July to November. Estimates by various authorities make it possible to construct a ranking list of annual rainfall for England and Wales covering 230 years, Meteorological Office station readings having been extended back to 1727 by Nicholas and Glasspoole (see *British Rainfall* 1931, p. 299). The nearest approach in the list to a total rainfall for the five months May to September as low as the 7·3 in. recorded in 1959 was in 1750 when 8·1 in. was recorded. In 1960 the general rainfall in England and Wales during the period July to November was 26·9 in., greater than in any corresponding five-month period in the above-mentioned ranking list, the nearest approach being in 1852 with 26·3 in.

Thus it seems likely that in 1959 the five-month period May to September was the driest, and that in 1960 the five-month period

July to November was the wettest, of corresponding periods, for nearly two and a half centuries. Other five-month periods have, however, surpassed both extremes; for instance—February to June 1929 with only 7·0 in. and August to December 1852 with as much as 28·7 in.

In addition to the long dry summer, 1959 had a cold January, a dry February and a stormy and wet December. January was the coldest in England and Wales since 1947, the coldest in Scotland since 1945 and the sunniest in Great Britain since at least 1909. February was as dry as that of 1921, there having been only one drier February, 1891, in England and Wales since at least 1868. In spite of rainfall being above the average during January and March, it was the driest three-month period, January to March, since 1953. The periods May–June and May–July were the driest of any corresponding periods since 1940 and 1949 respectively. Rainfall during the period May–August has only been equalled once, in 1940, in the present century, and only two May–August periods, those in 1870 and 1887 have been drier since records began. September 1959 was easily the driest September in England and Wales since comparable records began in 1870, and probably the driest since 1754. In Scotland the only drier September was in 1894 although 1733 was as dry. Rainfall was below average in England during October for the sixth successive month, but in Scotland and Northern Ireland it was above the average. Although it was the wettest November for the United Kingdom as a whole since 1954, for England and Wales the total rainfall for the year up to the end of November was the lowest for any such period since 1921. The year ended with the wettest December over England and Wales since 1934.

The very wet weather of November and December 1959 continued into 1960. The combined total for January–February was higher than the average for all countries of the United Kingdom. In England and Wales, after the wettest winter (December 1959–February 1960) since that of 1915/16, the

spring and early summer was comparatively warm and dry with temperatures above and rainfall below average from March to June. Rainfall was more than twice the average during each of the three months August, September and October over much of the country bordering the south coast of England, but in Scotland, on the other hand, rainfall was less than the average during July, September and October and also below the average for the five-month period July-November. In England and Wales there has only been one wetter October, that of 1903, since 1727.

Rainfall and Weather of the individual months during 1959

January was generally cold and unusually sunny. Apart from New Year's Day, which was mild in most districts, a cold northerly air-stream covered the country, with only minor interruptions, throughout the first half of the month. Showers were frequent and often of snow, especially in northern districts; in Caithness, villages were isolated for up to 13 days by snowdrifts 16-20 ft. deep. A complex series of fronts moved across southern England on the 5th-7th; some places in the south-west had over an inch of rain in 12 hours on the 5th, and there was up to 5 in. of snow in parts of Lincolnshire and Nottinghamshire on the 6th which lay for about 10 days. A drier, colder spell followed, but this in turn gave place, on the 13th, to a foggy period which persisted until fresh south-westerly winds brought heavy rain and a general thaw to most districts on the 17th. Floods in the Severn and Thames valleys followed the thaw. The 17th-21st was a very wet period generally, particularly in the west and north, but weather was cold and dry with a good deal of fog during the last week of the month.

February was exceptionally dry and mostly cold and foggy. Generally anticyclonic weather persisted throughout the month in the south but in the north weather became westerly in character during the latter half of

the month. Rain on the 20th ended a drought which in many parts of England and Wales had begun during the last week of January. Some places in south-east England missed this rain and had no measurable rain throughout the whole month. Weather became very mild during the last week. A number of places had their driest February in a series of records extending over nearly a hundred years.

March was mostly mild. The first week was very wet, particularly in the south, as vigorous depressions crossed the country. Rainfall was less heavy generally during the second week but slow-moving fronts gave a very wet day in Northern Ireland on the 10th, and in most western districts on the 14th. The only anticyclonic and settled spell of the month, on the 16th-21st, was followed by renewed cyclonic activity which lasted until the 31st, with a series of troughs and ridges giving periods of rain, heavy at times, alternating with sunny periods.

April, a mild and rather wet month, began with relatively high pressure over the British Isles. After the first few days, however, depressions giving unsettled weather approached the country, first from the north-west, then from the west and later from the south-west. A depression off the south-west coasts gave heavy thundery rain with severe gales on the 14th, and another over north France made the 16th the wettest day of the month over much of the country, although weather remained sunny and warm over Scotland and Northern Ireland. Pressure rose rapidly on the 17th, and for about a week an anticyclone gave fine warm weather generally. On the 25th an active depression moving northward to the Irish Sea brought about an inch of rain in 24 hours to many western districts. The rest of the month was showery with outbreaks of thundery rain which were particularly heavy in north-west Scotland on the 27th and 28th.

May. The first three days of the month were cool and changeable, but for many places in eastern and southern England the 4th was the first day of a drought which lasted about two weeks. The warm, sunny weather, which

was to last with little break for about five months, began during the second week. Afternoon temperatures rose progressively, and on the 10th–12th, 27°C. (80°F.) was exceeded at a number of places in England and Wales. An anticyclone from the Baltic spread westwards on the 13th, and pressure was high to the west and north of the British Isles during the remainder of the month. Occasional thunderstorms occurred during the second week and towards the end of the month.

June weather, dominated by anticyclones, was generally warm and dry. Thunderstorms, severe in northern England, broke out on the 4th and 5th, and on the 6th very heavy orographic rain in western districts followed the passage of a cold front. An anticyclone began to move towards the country on the 10th, pressure becoming exceptionally high on the 13th; most of the country had a long dry spell from 10th to 24th although it was rather wet in north-west Scotland on the 14th–18th. The last week of the month was close and thundery with some exceptionally severe thunderstorms.

July, for the most part, continued the warm anticyclonic conditions of June, although north and west Scotland was frequently affected by the southern fringe of depressions skirting the north of the British Isles. Temperature exceeded 27°C. (80°F.) on 15 days during the month, and on two of these it rose to 32°C. (90°F.) or above. This latter temperature was exceeded on the 5th, the warmest day of the year, over a large area extending from Kew to Cleethorpes; 36°C. (96°F.) was reached in Lincolnshire. A depression moving north-eastwards from Spain gave widespread thunderstorms over southern England on the 9th–11th, these being exceptionally severe in a narrow track from the Solent to northern Norfolk, on the night of the 10th/11th. The anticyclonic weather began to break up on the night of the 25th/26th with the approach of a trough from the Atlantic which brought thunderstorms to western districts. Later, thundery rain spread over the whole country. The last few days of the month were generally unsettled and rather cool.

August, like the three preceding months, was warm, sunny and dry generally, the weather being anticyclonic in character throughout, with only brief interruptions. On the 9th, small thundery depressions began moving northwards from France, and for nearly a week there were outbreaks of thundery rain, occasionally heavy in many places; thunderstorms were exceptionally severe in south-west England on the 10th. A northward-moving depression deepened rapidly on the 13th attaining an almost record depth for the time of year; rain was widespread and frequently heavy. The remainder of the month was fine and dry over most of the country, although scattered thunderstorms, locally very heavy, occurred early in the fourth week.

September, in many ways, was the culminating month of the fine summer. In many parts of England the only day with any rain was the 21st, which ended periods of drought of 30 days in north-east England and of about 37 days in the southern part of the country. Even on that day, rainfall was very slight over much of the country, and by the end of the month many places in East Anglia and the Midlands had had no measurable rain for 48 days. Afternoon temperature exceeded 27°C. (80°F.) in one part of the country or another every day from 6th to 12th.

October. The warm sunny weather which had persisted with only a few breaks since the second week of May, continued during the first week of October, but gradually broke up during the second and third weeks. Shallow depressions moving across the country brought rain to most districts on the 9th–12th. A short drier spell followed, but on the 17th a vigorous depression brought very heavy rain to western districts as it crossed southern England. The remainder of the month was generally wet and unsettled.

November, was changeable and rather mild. Rainfall was comparatively light during the first week but a deep depression from the Atlantic brought widespread rain heavy at times in south-west England and southern

Scotland on the 8th and in south-east England the next day. A cold, foggy spell followed but on the 13th another vigorous Atlantic depression brought to many places the heaviest rainfall of the month. The 14th was also a wet day. Heavy rain in southern England on the 17th and 18th was associated with a depression in the Bay of Biscay. After a short drier, milder spell, the last week of the month was cloudy with showers or periods of more general rain in most districts; rain was heavy in the south-west on the 25th.

December was a mild, wet and stormy month with an almost unbroken sequence of depressions moving over or near the British Isles. Rainfall was particularly heavy in the south of England and the Lake District towards the end of the first week and around Christmas, and in Scotland at the end of the month.

Rainfall and Weather of the individual months during 1960

January. The first few days of the month were mild with rain at times. An anticyclone from the Atlantic spread over the country on the 6th, and fog developed widely, persisting in many areas until it was dispersed, on the 8th, by a cold, dry airstream from the east. The main anticyclonic centre having moved to Scandinavia, weather became colder, with frequent periods of snow; in south-east England temperature failed to rise much above freezing point from 13th to 16th. Thereafter, weather became slowly milder. A vigorous depression moving across Scotland on the 19th was accompanied by heavy rain and snow; in parts of Aberdeenshire, level snow lay 2-3 ft. deep and there was severe drifting. Rainfall was extremely heavy during the next few days in the West and Midlands, and this, coupled with melting snow, brought floods to many districts. The 25th and 26th were drier, but foggy. Rain was again widespread and prolonged on the 27th and 28th, as a depression moved north-east from the Bay of Biscay to the southern North Sea. Mild, rather wet

weather continued during the last few days of the month.

February. Depressions, skirting the north-west of the country, gave mild, stormy weather during the first few days, but an anticyclone from Russia spread westwards over the British Isles on the 5th and 6th, and weather became quiet and fine for a time, with many districts having as much as 8 hours sunshine, although fog developed widely at night. By the 10th the anticyclone was centred near Greenland, and cold northerly winds on its eastern flank brought air of arctic origin to all parts of the British Isles. Snow fell in many northern districts. A complex area of low pressure covered the country from 17th to the 20th; snow and sleet showers continued in the north, but there was occasional rain in the south as temperature gradually rose. Southerly gales, associated with a complex low pressure system in the eastern Atlantic, brought a general rise in temperature on the 24th. Rain was widespread and persistent for about three days, many places in the west having more than an inch in 24 hours on the 24th, 25th and 26th. The month ended with two unusually mild days, afternoon temperatures exceeding 15°C. (60°F.) over much of the country, and reaching 18°C. (64°F.) at a number of places in the Midlands and south-east England.

March, was cloudy and rather cold generally with easterly winds. The very mild weather at the end of February continued, however, during the first few days of the month. On the 5th an anticyclone developed over Scandinavia, and associated easterly winds soon became established over the whole of the British Isles. These winds brought dull and cold weather, with some snow showers, to the eastern districts, but in the west, weather was generally fine and sunny. Pressure remained high to the east of the country for the remainder of the month, and except for the incursion of a mild southerly airstream on the 10th which lasted about a week, cold easterly winds predominated. The London area, East Anglia and parts of northern England had no precipitation from about the 12th to 27th, but

rain associated with a depression over France, spread slowly northwards over southern and central England during the last few days of the month.

April was divided into two sharply contrasting periods. The first half of the month was characterized by a changeable westerly type of weather with rain on most days. The second half on the other hand was mainly anticyclonic, with a high-pressure belt extending from the Azores across the British Isles to Scandinavia from 16th to 20th, and an anticyclone centred to the west of Ireland during most of the remainder of the month. Rain was very slight during this latter period, and confined mainly to the eastern half of the country, where weak fronts were carried round the eastern side of the anticyclone in a northerly airstream. Many western and southern districts had no rain from about the 16th.

May was a warm and fairly dry month. The anticyclone which covered much of the country during the last week of April moved south-east on the 2nd, and for nearly a week the winds were south-westerly with steadily rising temperature which reached 24°C. (75°F.) locally in south-east England on the 8th. Subsequently, with the development of a depression over the Bay of Biscay, winds backed to south-east and weather became thundery, with heavy rain on the 12th in the west Midlands, and on the 13th in northern England and central Scotland. The depression moved northwards on the 18th, and most southern districts of England had four days of persistent and occasionally heavy rain, although north of a line from the Bristol Channel to the Thames Estuary weather remained dry. South-westerly winds were restored again on the 22nd, and for about a week weather was changeable and mild with occasional, mainly slight rain but good sunny periods. An anticyclone developed over the country on the 28th and the month ended with dry sunny weather almost everywhere.

June was warm and sunny. A declining anticyclone persisted to the east of the British Isles during most of the first week, and the

warm, dry weather of the latter part of May continued into June. By the 4th many places in East Anglia had had up to 20 rainless days, but there was some slight occasional rain in the north-west. Afternoon temperatures reached 24°C. (85°F.) locally in eastern England. Thunderstorms broke out in parts of Wales and south-west England on the 4th and became heavy and widespread causing considerable damage and extensive flooding especially in the Midlands on the 5th; near Ross-on-Wye almost an inch of rain was recorded in 15 minutes. From 6th to 16th westerly winds brought changeable weather; rainfall was mainly light but thunderstorms were reported in southern England on the 14th. The second half of the month was mostly dry in the north and west of the country, but in the south and Midlands one of the most severe thunderstorms since the great storm of September 5, 1958, occurred on the 22nd/23rd. The centre of the storm moved on a curved track from Dorset and eastern Hampshire through Wiltshire and Oxfordshire into Suffolk with an extension into the east Midlands. On the 25th an anticyclone developed off the west of Ireland, and although thunder was heard in a few places the activity rapidly died down with the onset of cooler northerly winds. The remainder of the month was generally fine with considerable sunshine, but there were scattered showers also in most areas.

July was the first of a series of exceptionally wet months. The first few days were mostly dry and sunny but after the 4th a prolonged spell of unsettled, wet weather over England and Wales persisted, with only minor breaks, until the first week of December. The month was dominated by cyclonic activity, a well developed frontal system or depression reaching the British Isles from the Atlantic every few days. Many of the troughs and depressions became slow-moving over the country. It was a rather cool month, and thunderstorms were frequent; they occurred at one place or another every day, except the 1st-4th and 27th-29th, and were severe on the 19th.

August. An extensive area of low pressure over north-west Europe maintained cool, wet weather over the British Isles for most of the month. The first few days were mainly dry, but a period of widespread thundery activity began on the 5th. It was a thundery month generally, thunder being heard at one place or another every day of the month except on the 11th and 12th. Thunderstorms were unusually severe locally on the 7th, 13th and 27th. A depression moving eastwards along the English Channel brought persistent and often heavy rain to southern England from 9th to 11th; during these three days Brighton recorded more than twice its average fall for the whole month.

September was wet and rather cold over central and southern England. Rainfall was heavy on the 1st in the Thames and Severn valleys and on the 2nd in South Wales, but mainly light elsewhere. A much quieter, drier spell lasted from about the 3rd to 12th broken by a day of prolonged frontal rain on the 6th. Unsettled weather returned on the 13th with a low-pressure system laying over or near the British Isles during most of the third week. On the 24th a ridge of high pressure spread north-east across the country. Weather became generally dry and rather cool for three or four days, and remained so until the end of the month in northern England and Scotland, but a complex depression off the coast of Ireland brought four days of exceptionally heavy rain to a wide area around Exeter resulting in a disastrous series of floods. The first reports of West Country flooding, however, came from St. Columb Major and St. Mawgan in Cornwall, where children were rescued by boats from upstairs windows of about 20 houses during the early hours of the 28th. Throughout the 30th there was extremely heavy rain in the Exeter, East Devon and Teignmouth-Newton Abbot areas, and at one time Exeter was virtually cut off from the rest of Devon by flooded roads.

October. The exceptionally wet weather over southern England and Wales, which began in late September, continued during the

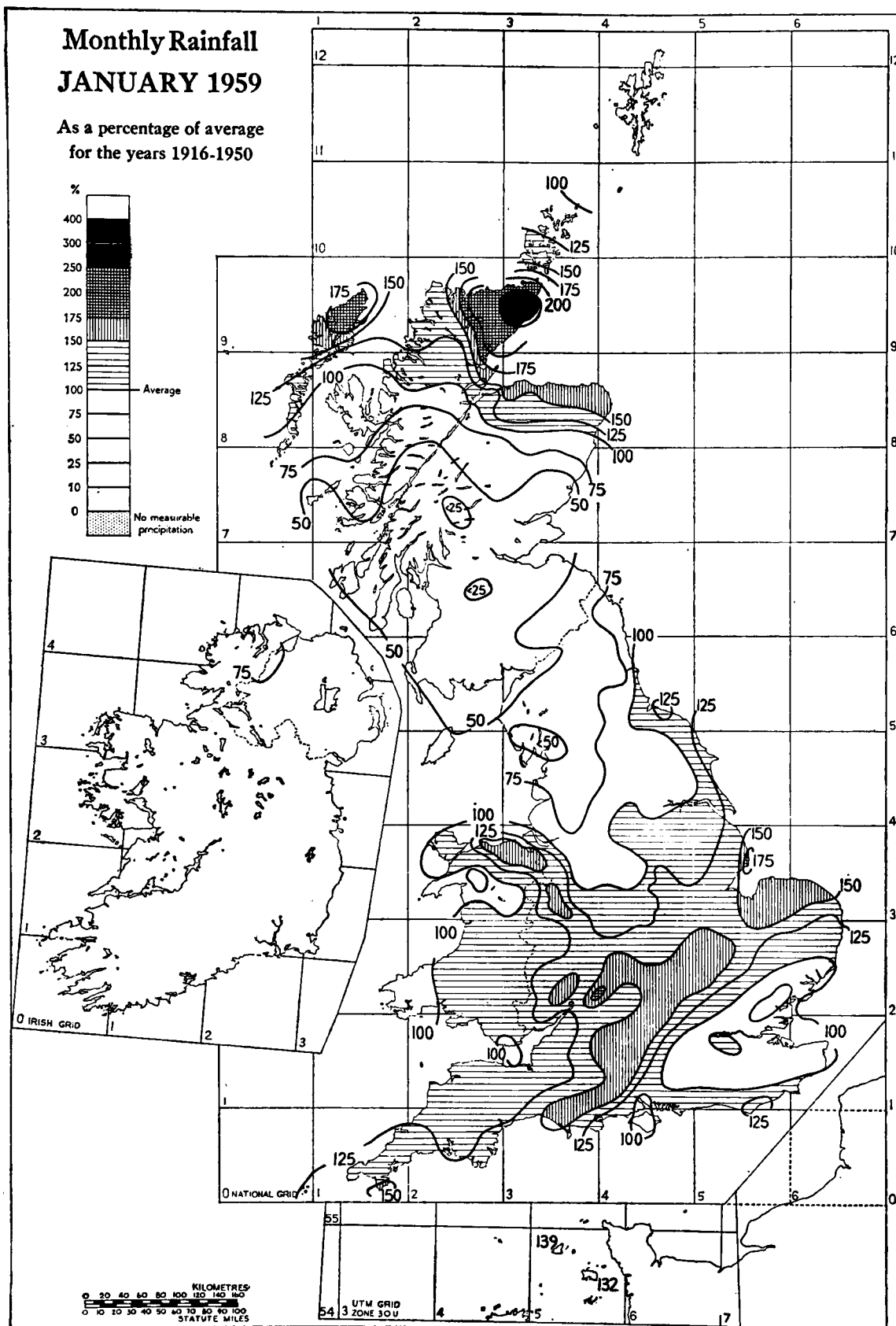
first eight or nine days of October; some places in the south-west were flooded on four or five different occasions. Nearly a thousand houses were flooded at Exmouth on the 6th, and much of the equipment used to clear up previous flooding was lost. On the 7th there was a very localized but intense outbreak of thundery rain at Horncastle, Lincolnshire when 7 in. fell in about 5½ hours; at one time the lower part of the town was under 6 ft. of water. The depression which had persisted to the south-west of the British Isles throughout the first week of the month, moved to the North Sea on the 9th, and there followed a week of fairly dry weather over most of the country with decreasing northerly winds. On the 17th south-westerly winds spread in from the Atlantic, and a further spell of wet weather began, which lasted for most of the remainder of the month; the lowest pressure was again over or to the south-west of the country. Rivers in the south-west continued to rise until many were at the highest level recorded this century. There was widespread flooding in the valleys of the Taw, Torridge, Tone, Exe and Culm during the early hours of the 27th, and many towns and villages on these rivers suffered. Exeter and Taunton were severely affected. Taunton's town centre was so quickly flooded that shop windows were broken and merchandise carried away by the flood-water; the town was virtually cut in two by the floods. At Exeter over 1,000 buildings were flooded.

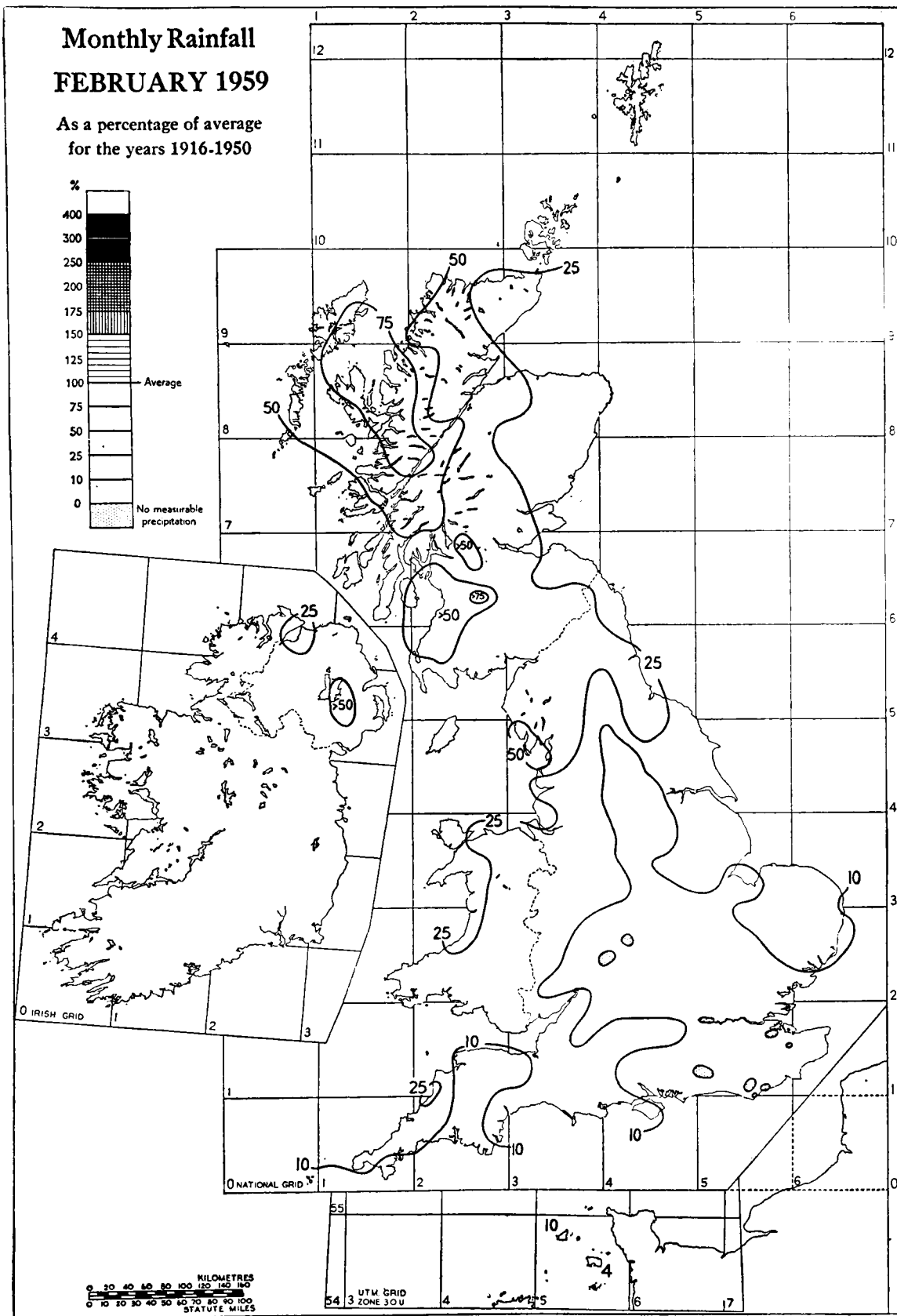
November, was mild and wet. The month had a stormy beginning with heavy rain in Wales and north-east Scotland on the 1st, in Kent and Sussex on the 2nd and in western Ulster on the 3rd, associated with a complex area of low pressure to the north of the British Isles. A weak anticyclone gave a temporary break in the unsettled weather on the 6th and 7th, but a mild westerly airstream set in again on the 8th. Thereafter, frontal systems of depressions to the west and north-west of the British Isles crossed the country every two or three days, bringing frequent rainfall. Another short-lived break occurred on the 26th

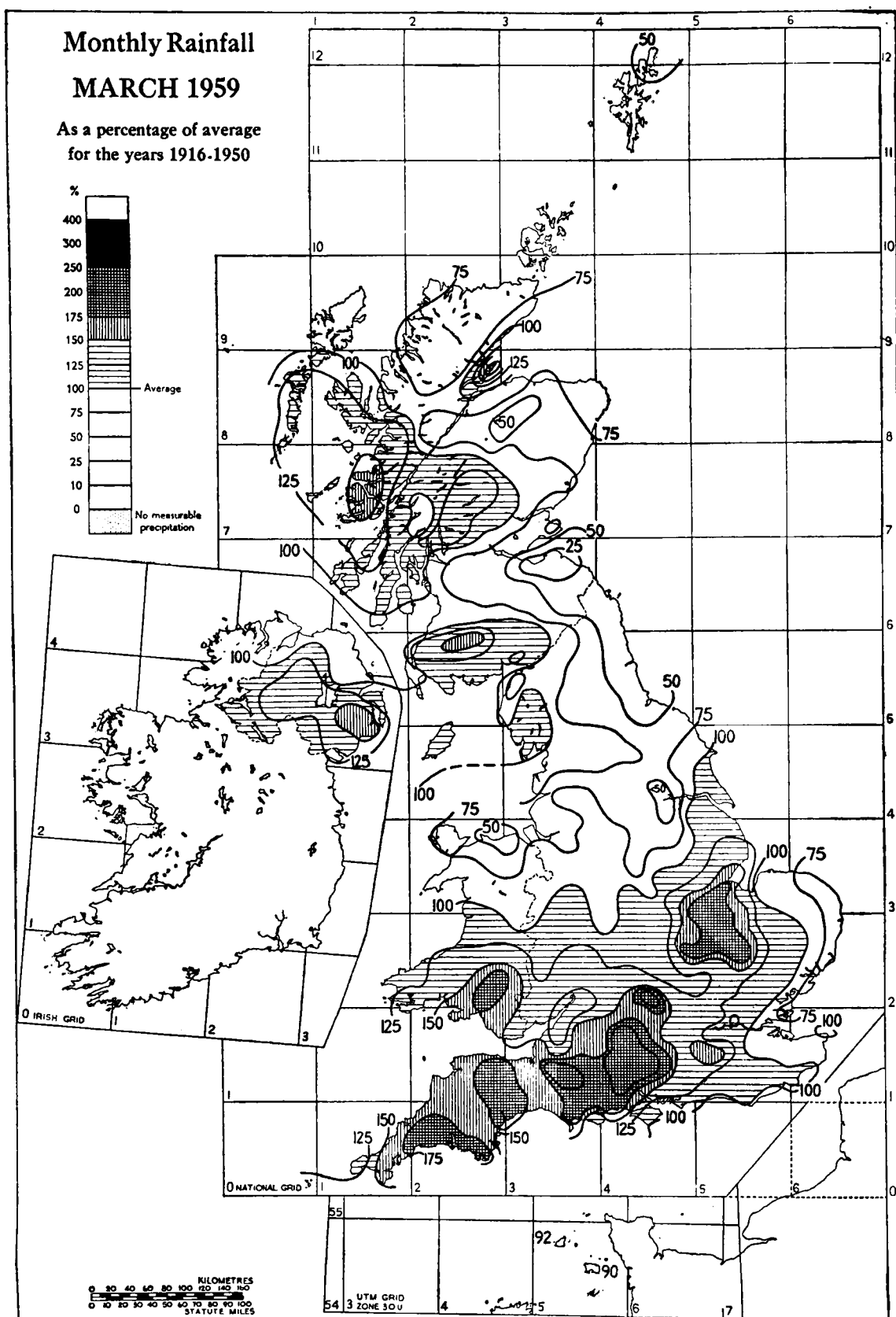
and 27th, when northerly winds spread over the country, but milder south-westerly winds were restored on the 29th, and the month ended, as it began, with gales and periods of heavy rain.

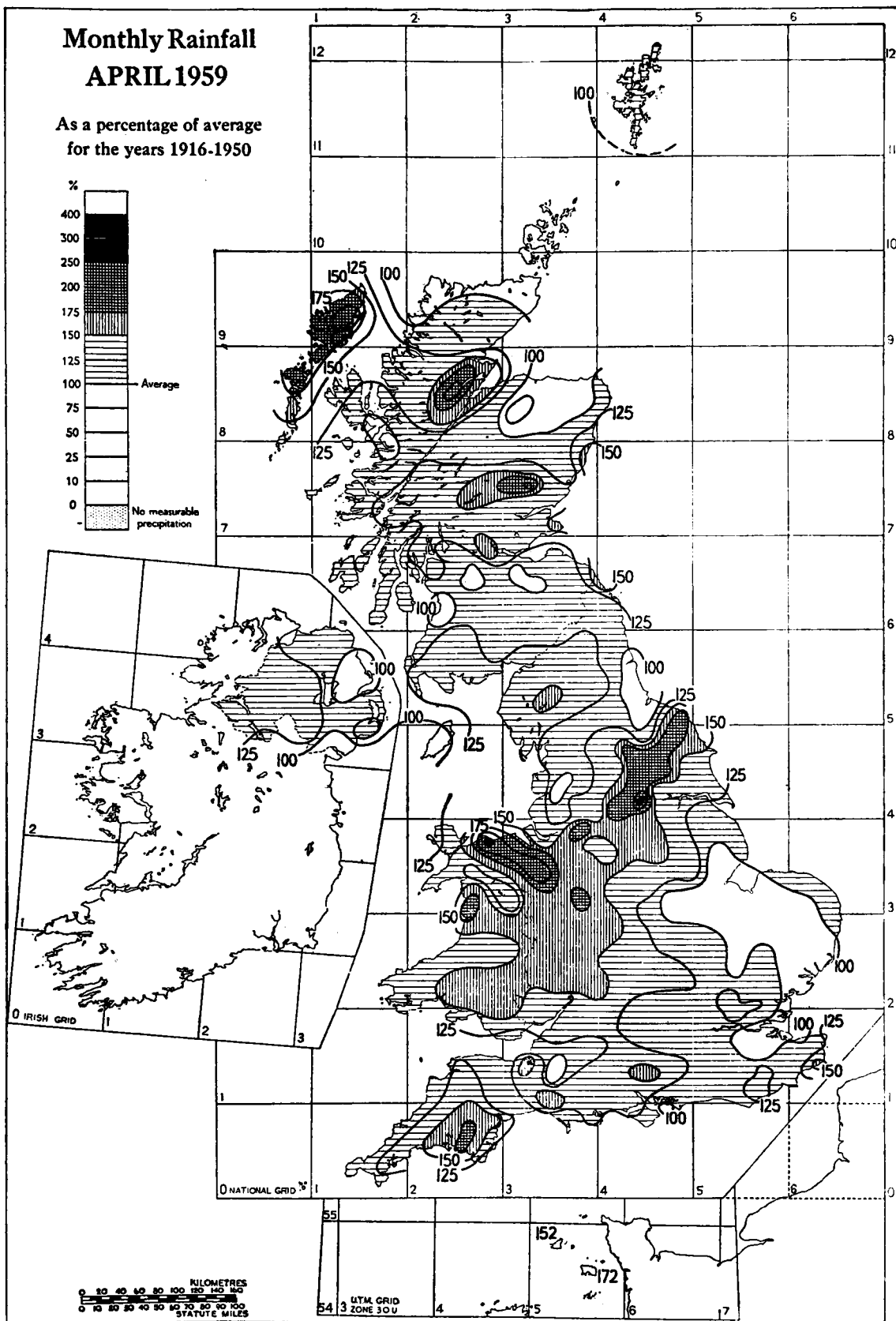
December. With a deep depression near Iceland, strong westerly winds covered the country during the first few days. Showery weather preceded the arrival, late on the 2nd, of general rain, associated with a frontal belt, which crossed northern areas quickly, but later became slow-moving over Wales and central England. Rainfall totals exceeded 7 in. during the first three days in the Brecon Beacons, and as a result there was devastating and widespread flooding in Glamorgan. The river Ogmere overflowed its banks, and Bridgend's main street was soon submerged,

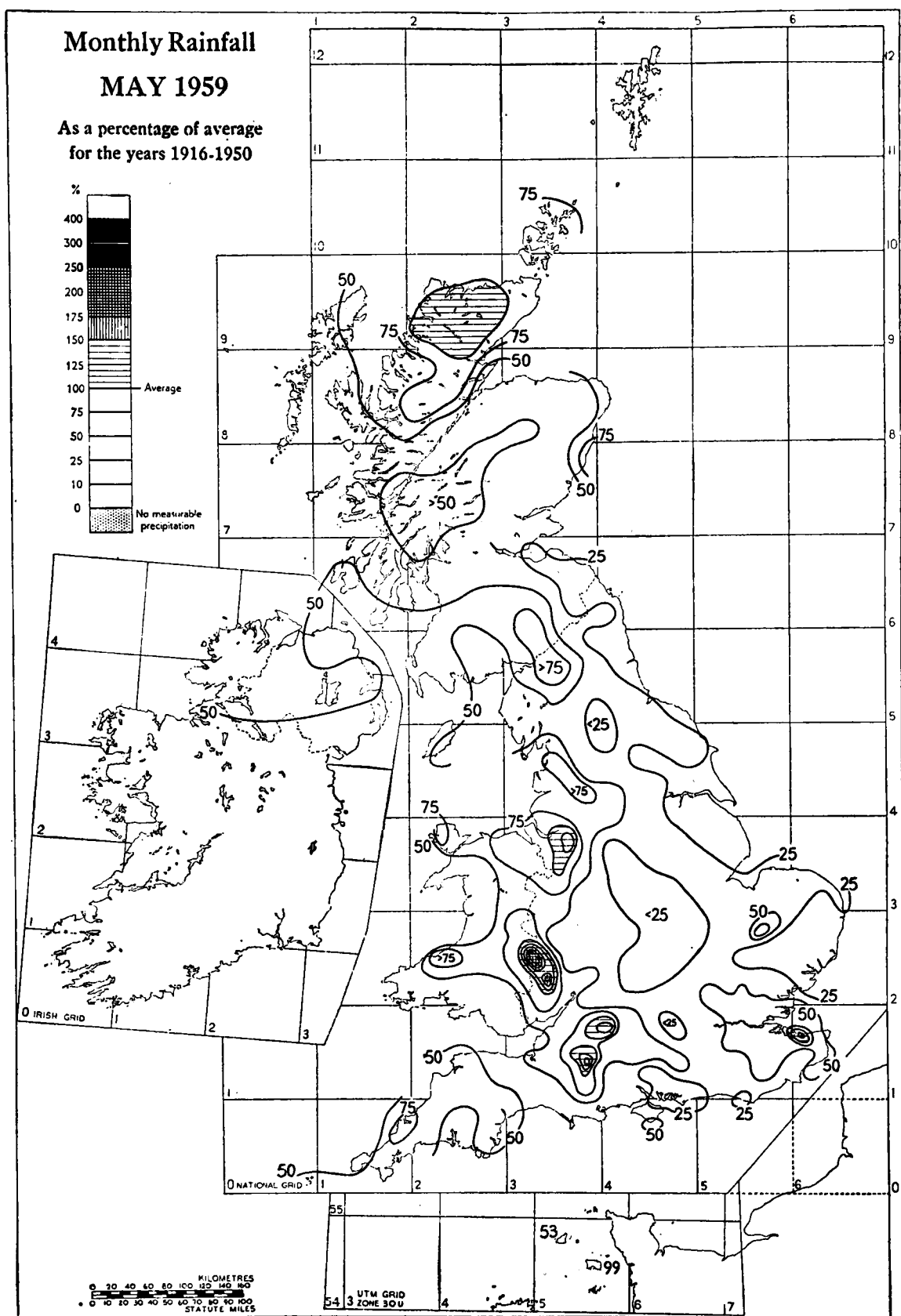
the flood-water being 3 feet deep in places. A quieter spell began about the 5th with moderating winds and widespread fog. Dull, foggy weather, with occasional slight wintry precipitation, lasted about two weeks with the British Isles in a col between high-pressure systems over Russia and the Azores. From the 17th to the 23rd depressions moved southwards over the country on the eastern flank of an anticyclone south of Greenland, but on the 24th the anticyclone moved south, allowing a succession of depressions from the Atlantic to move eastwards, north of the British Isles. Christmas day was very wet in northern England, north Wales and western Scotland, and the last week of the month was unsettled with rain, often heavy in western districts.

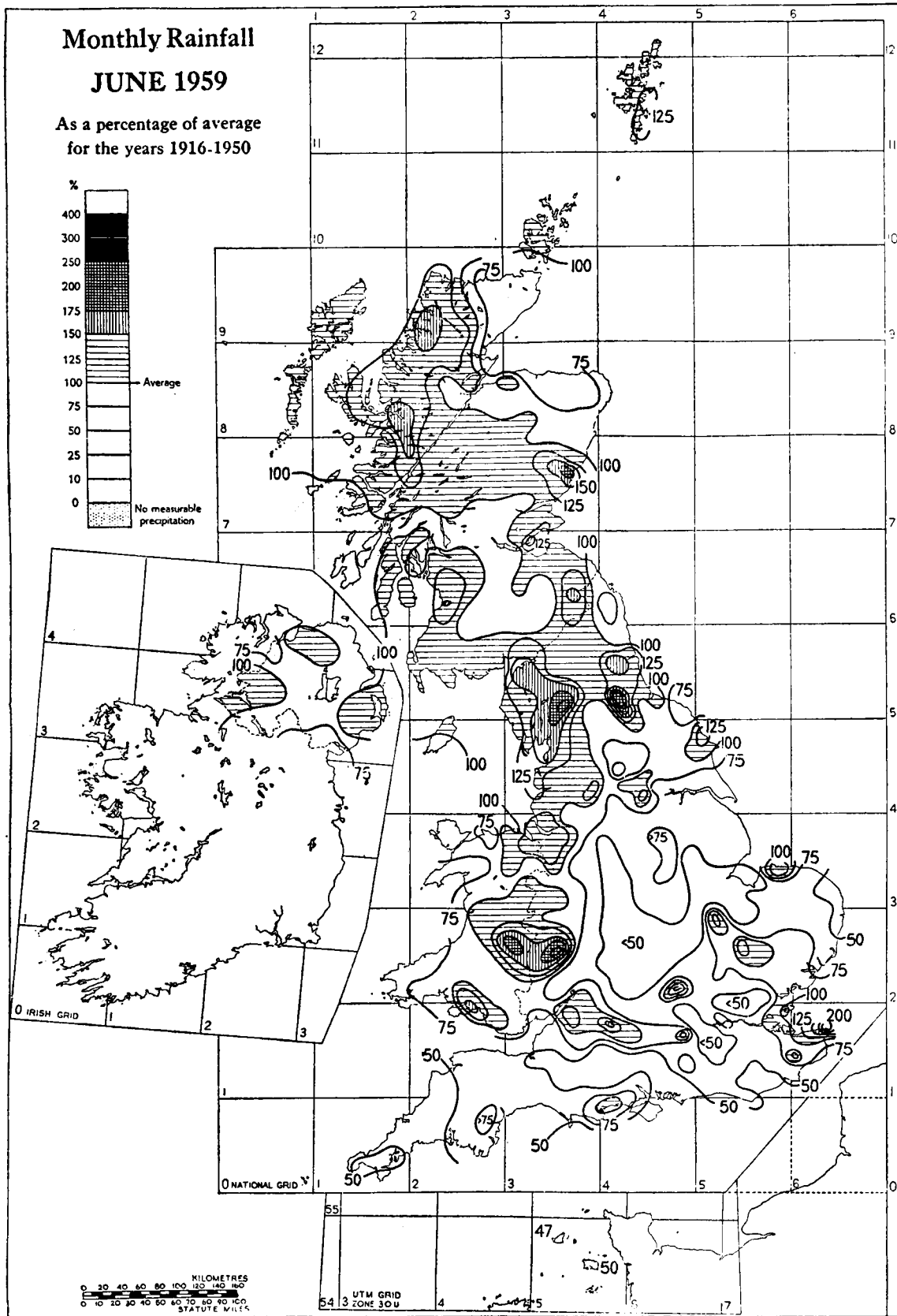


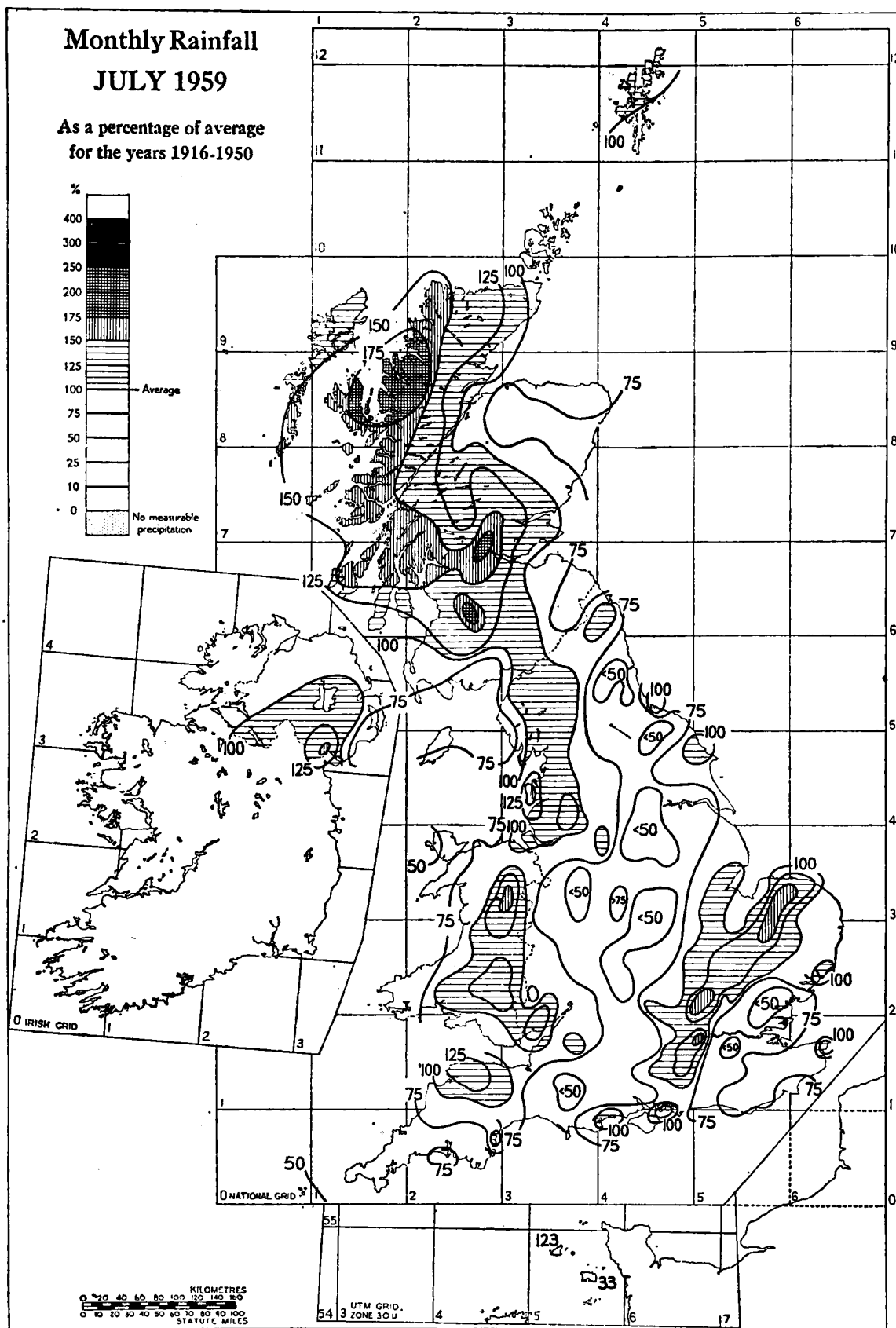


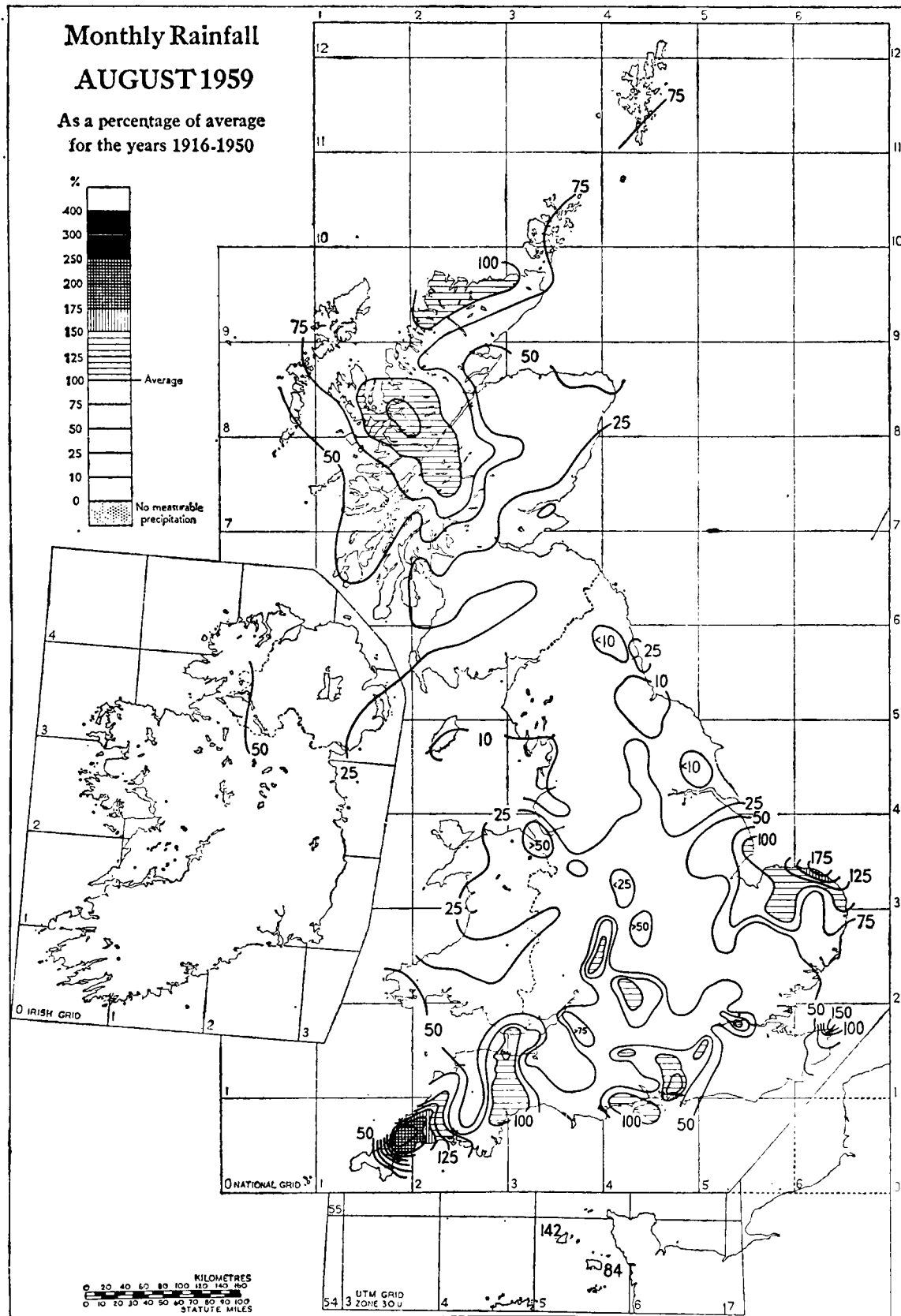


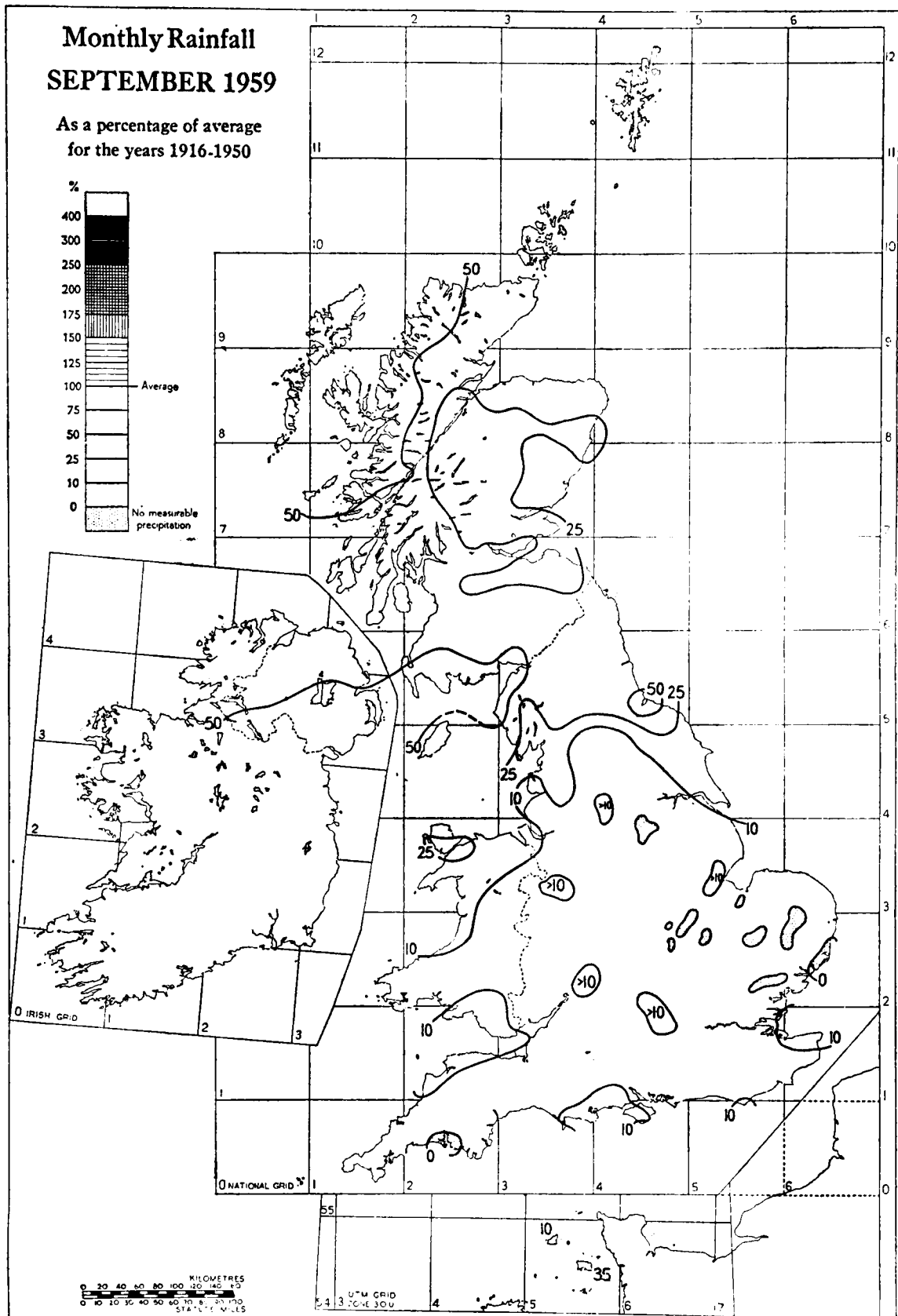


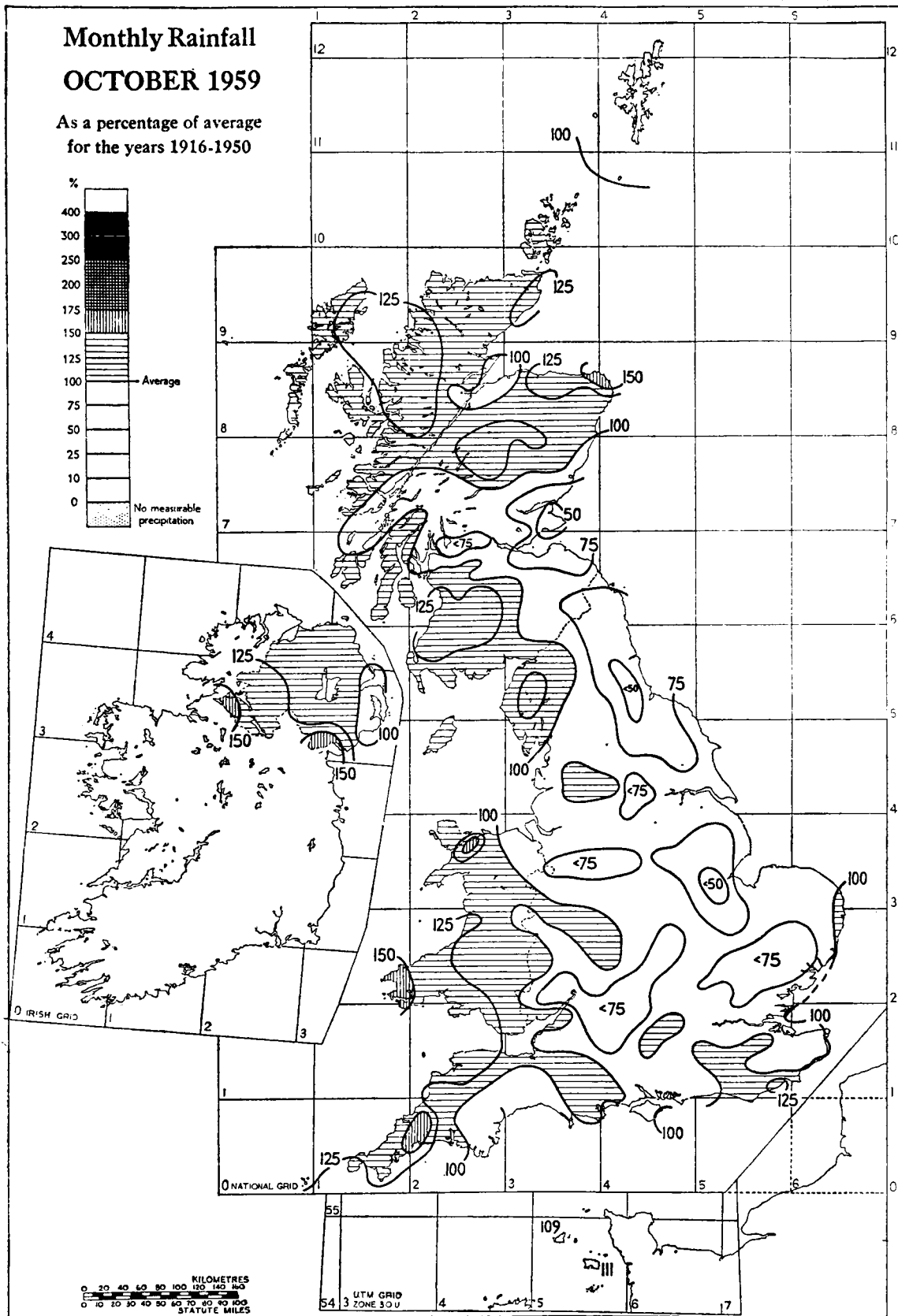


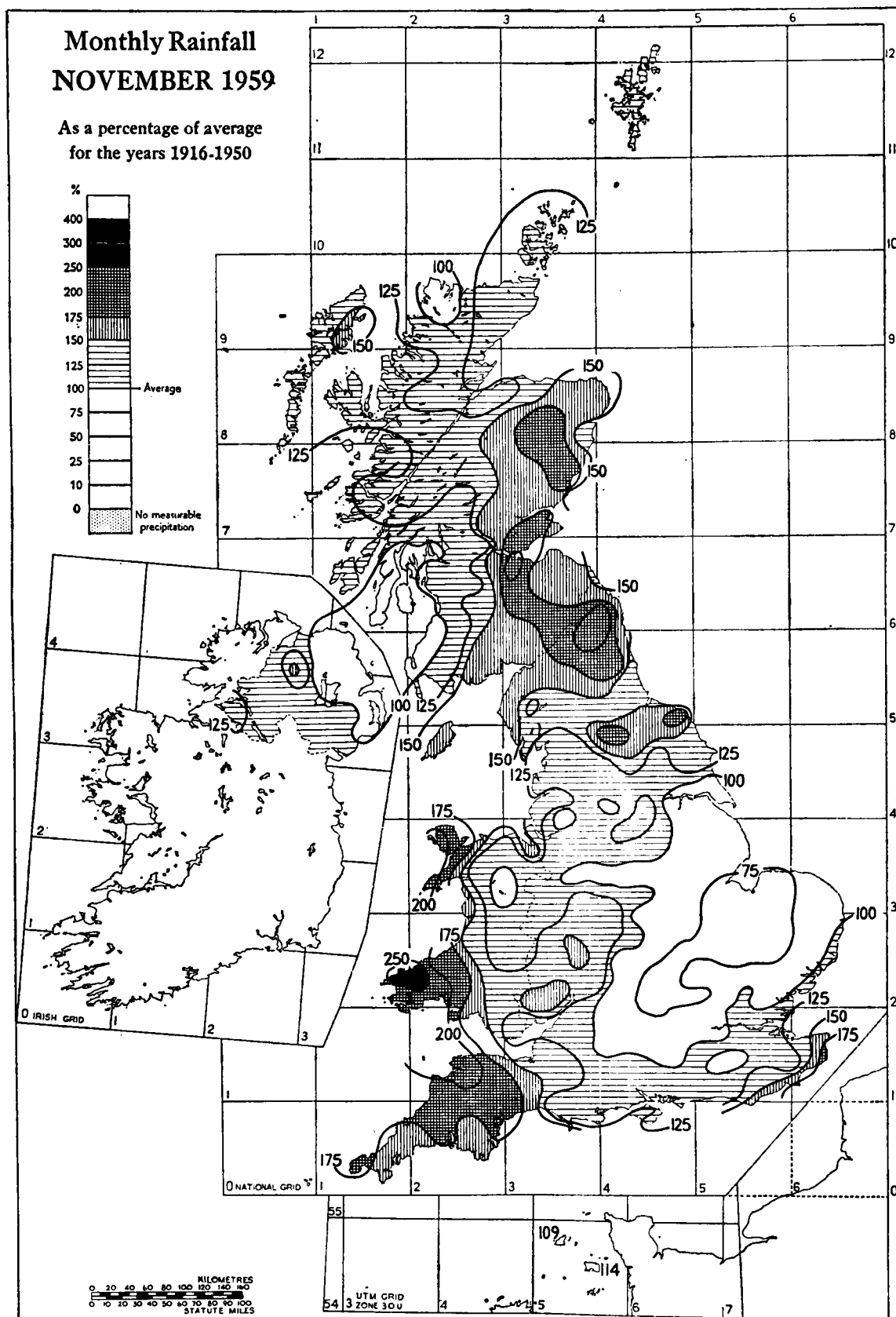


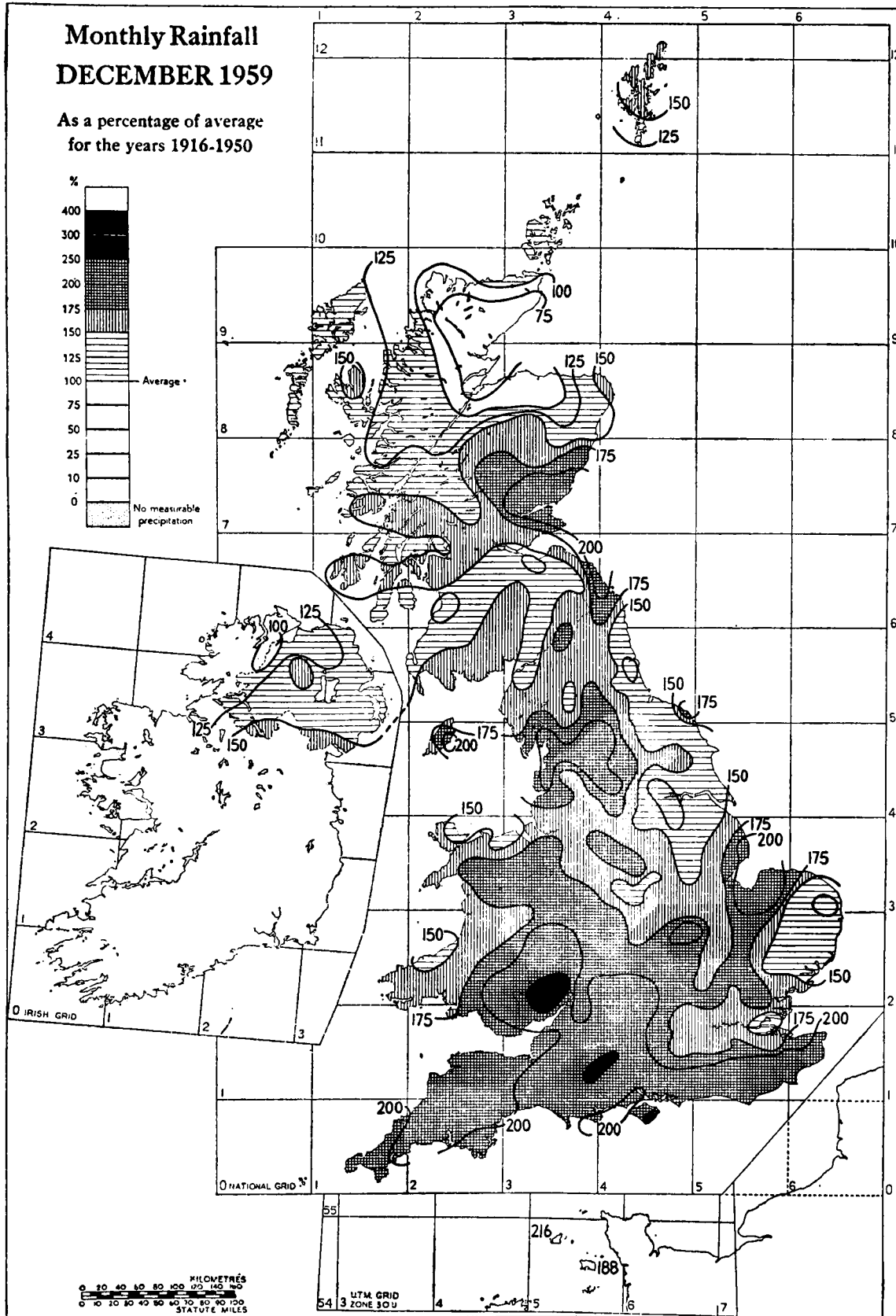


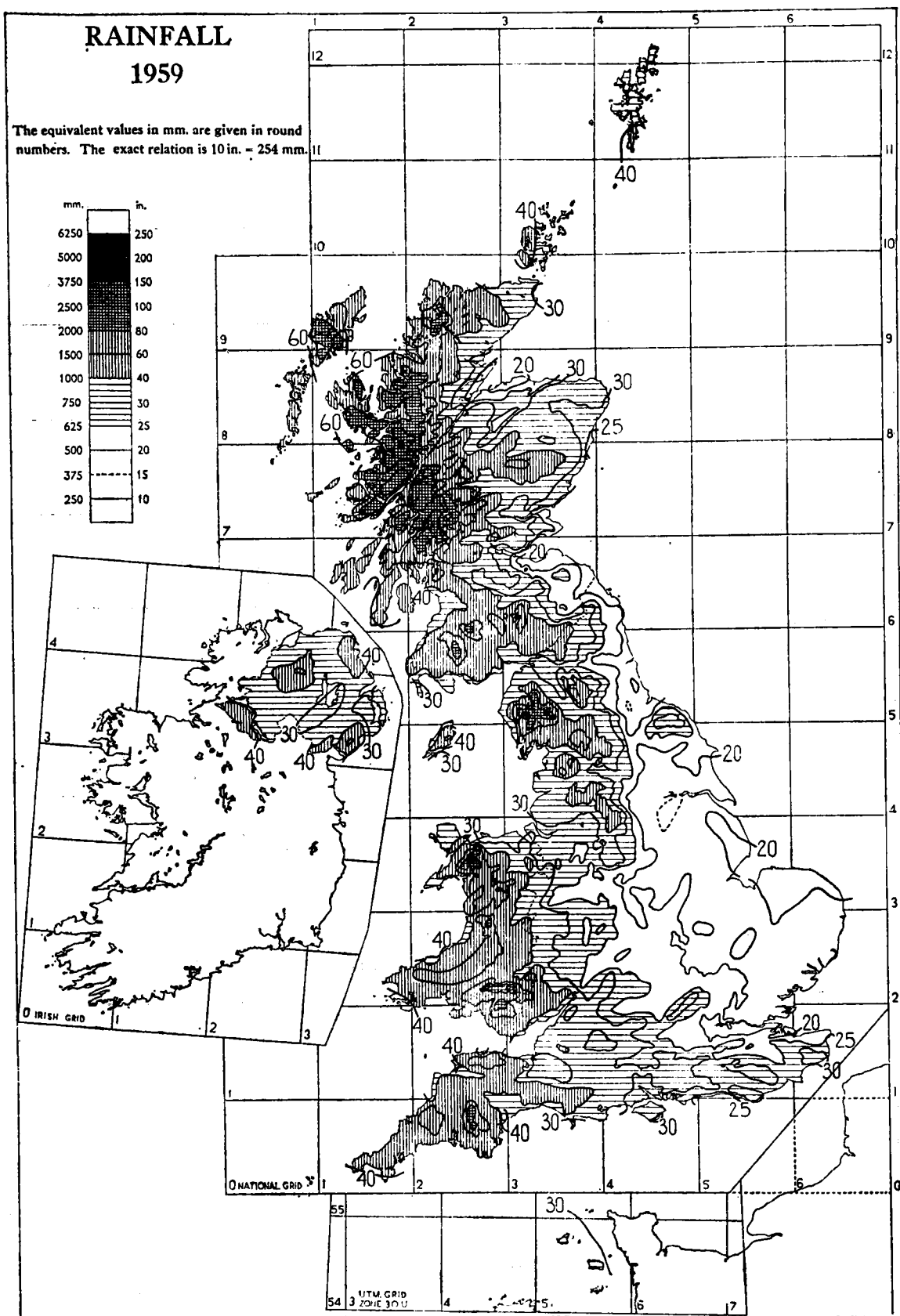


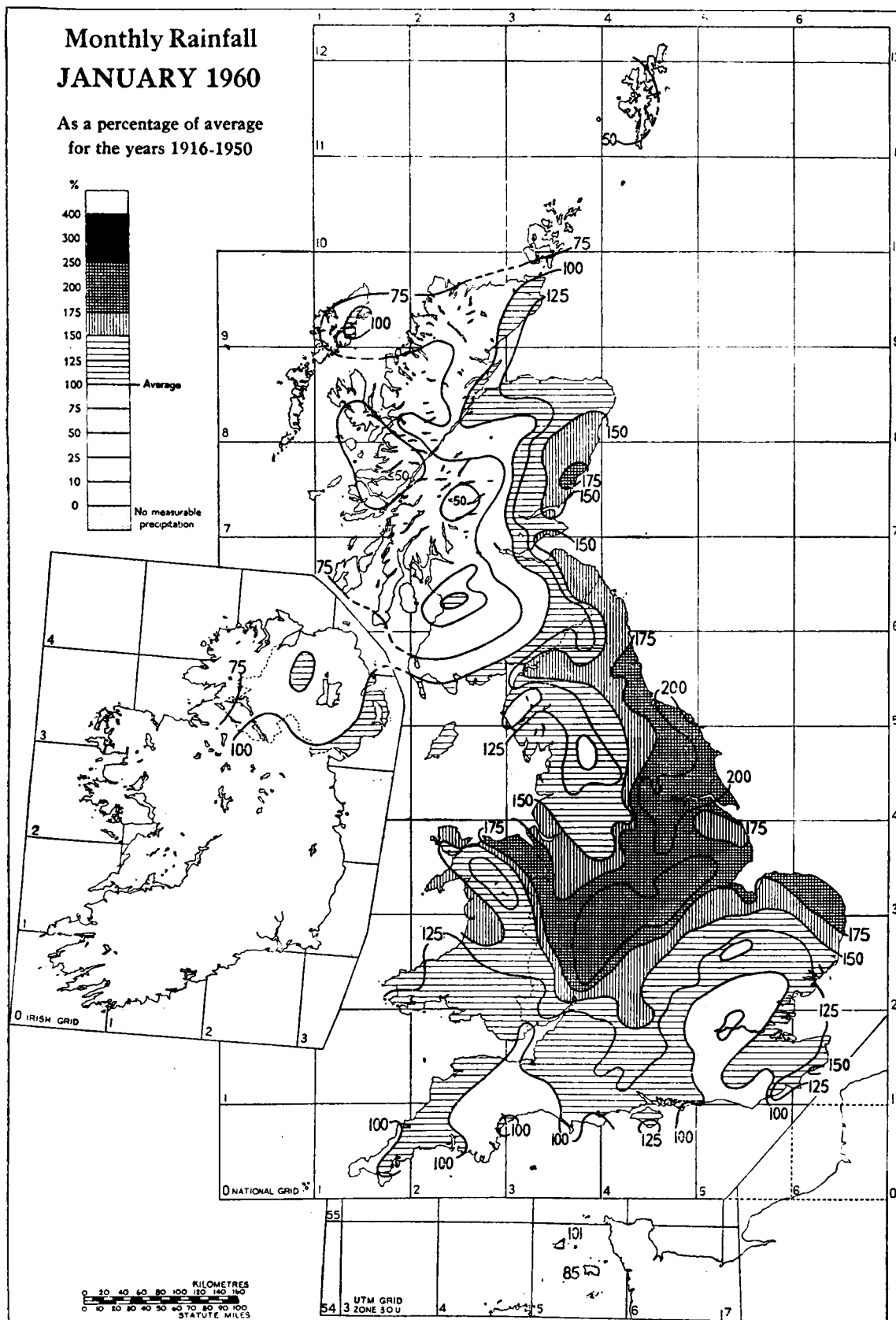


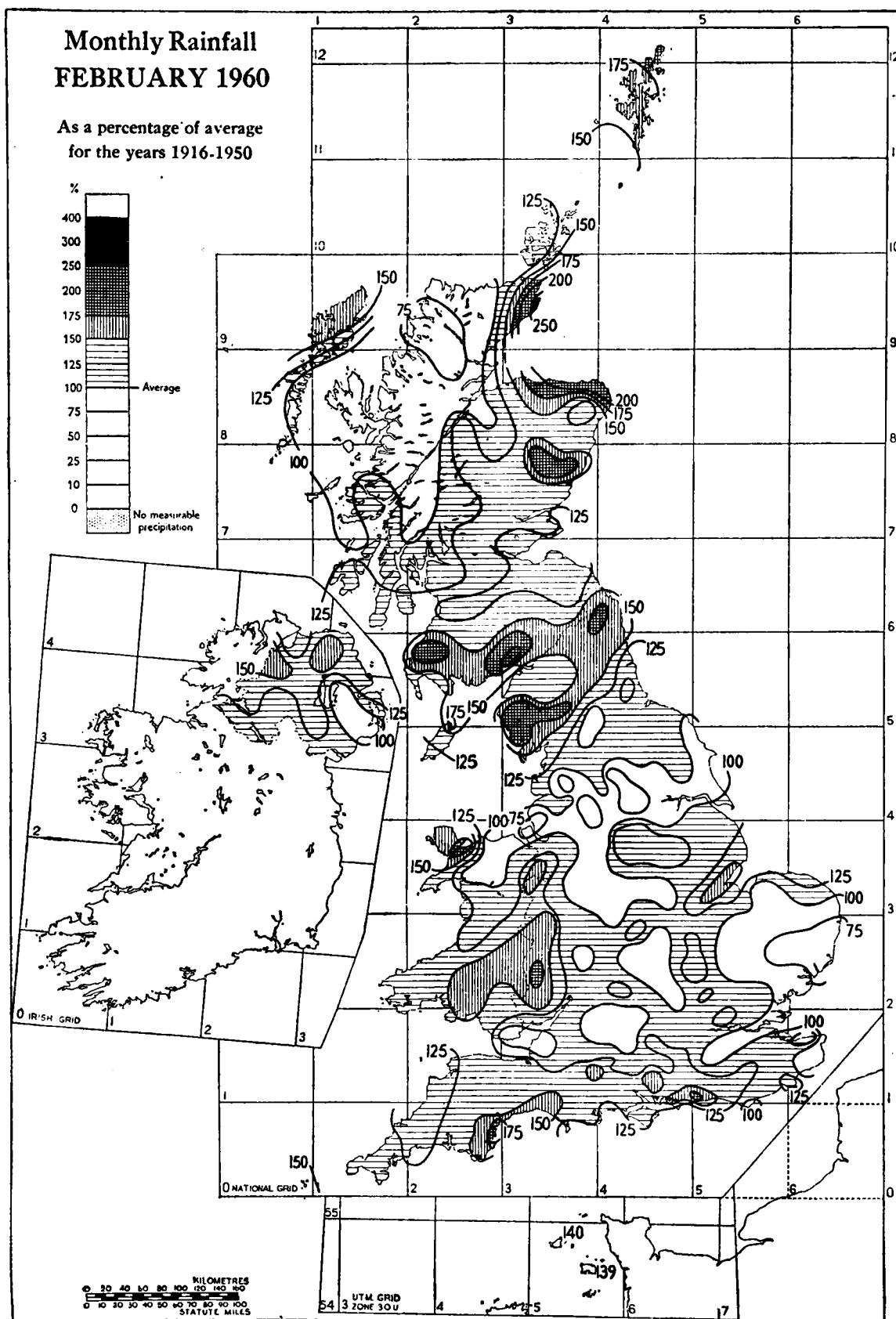






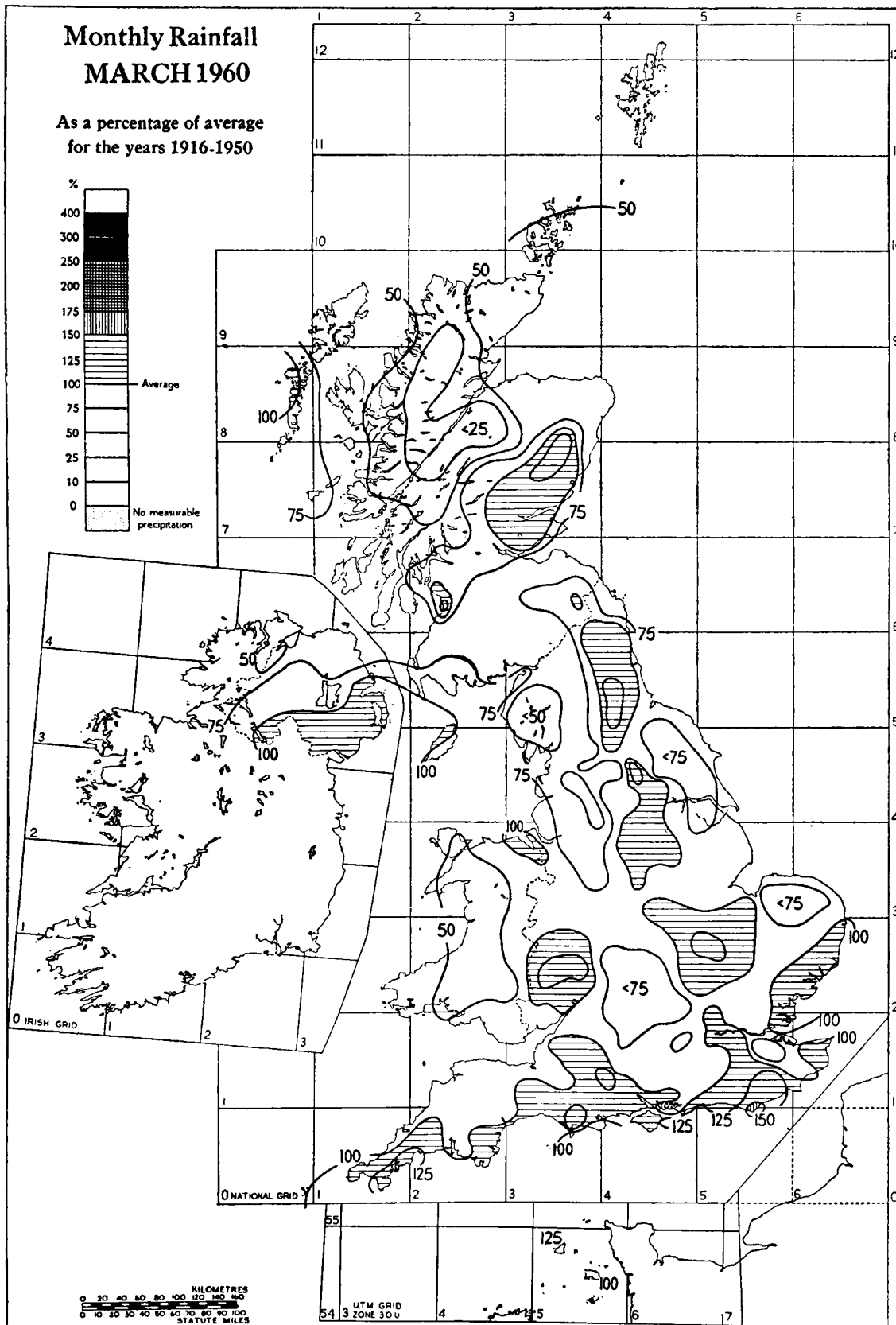
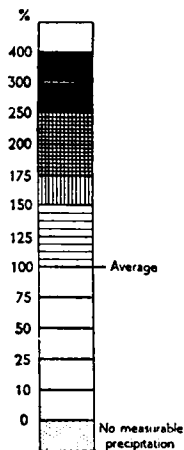


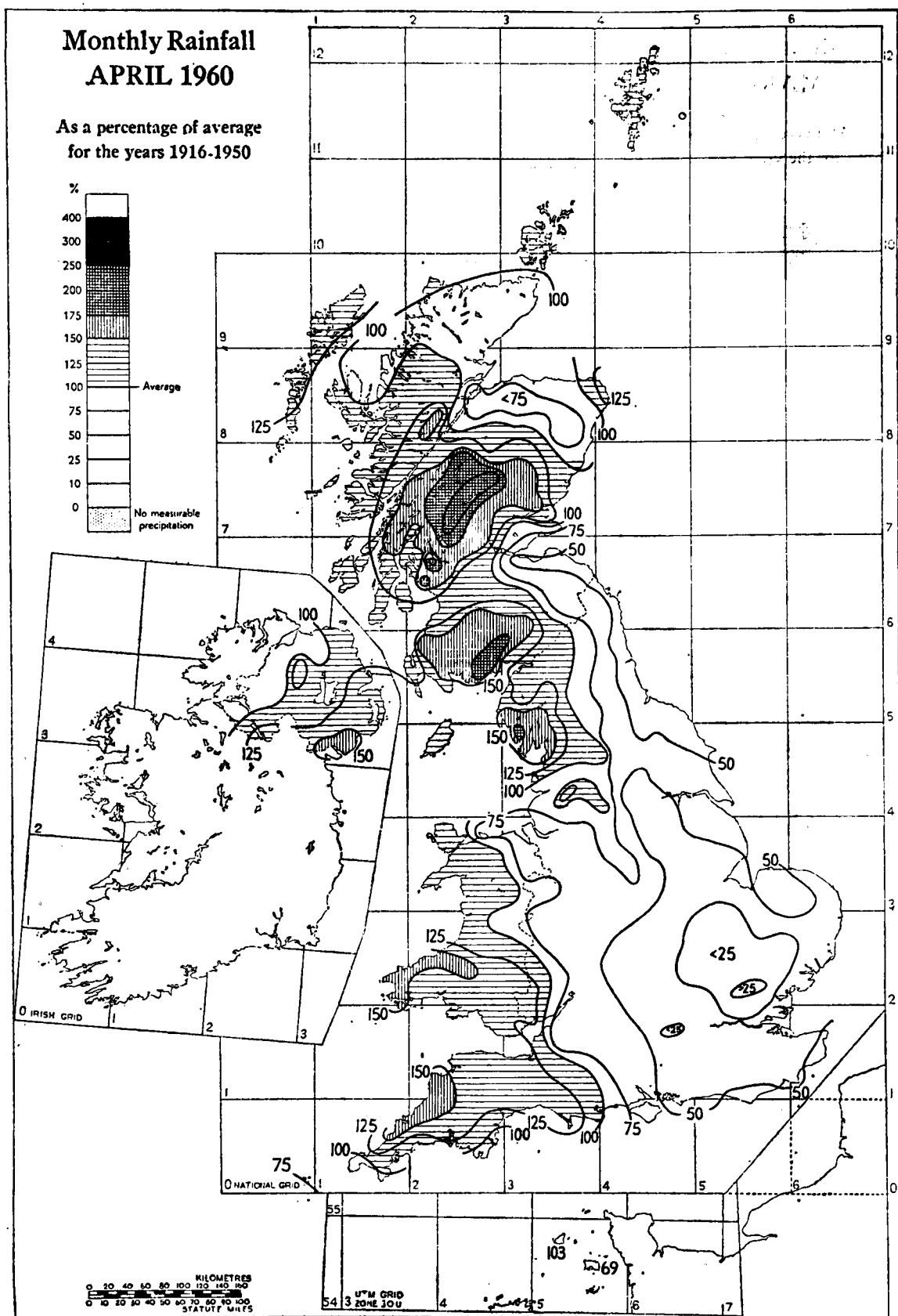


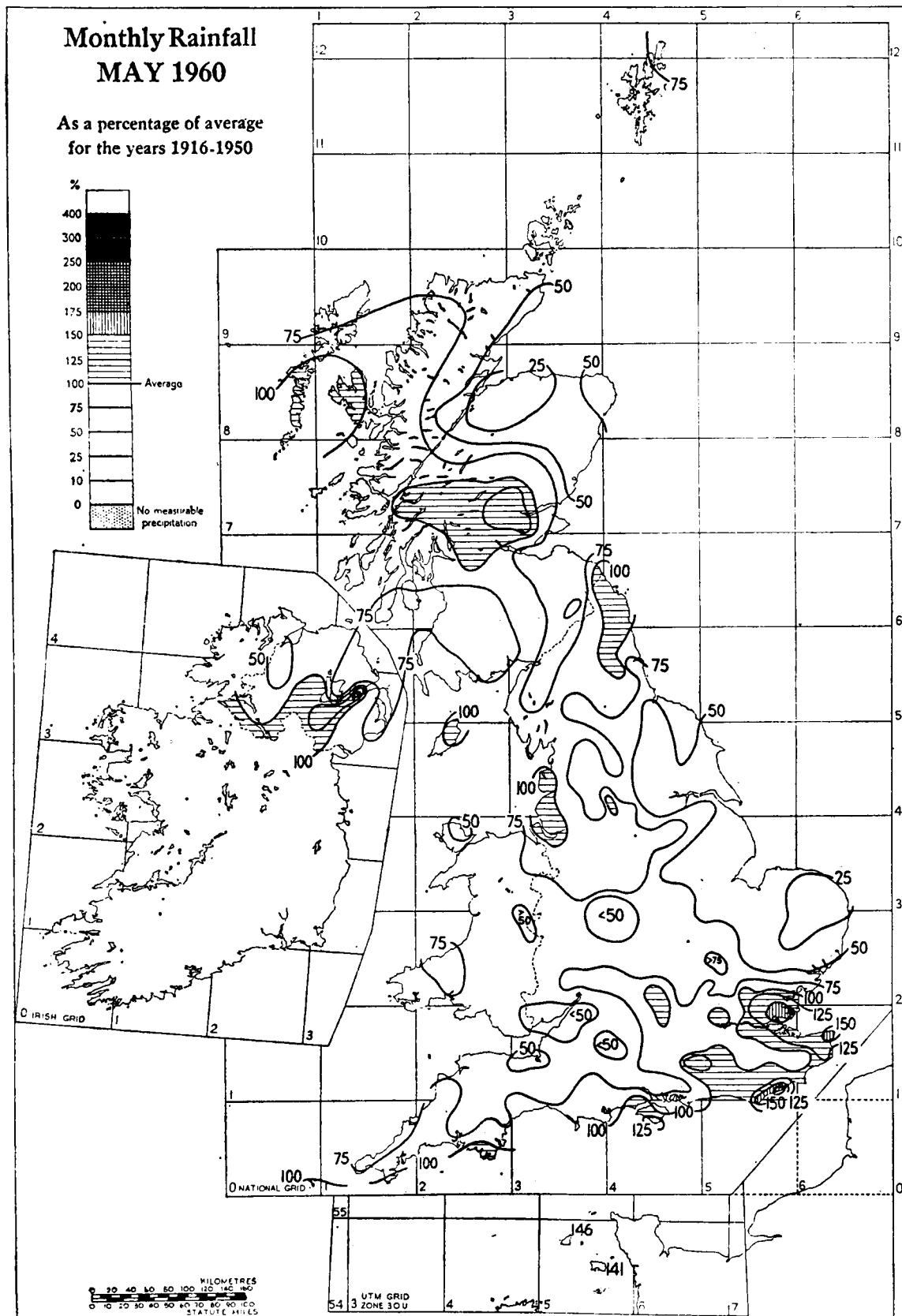


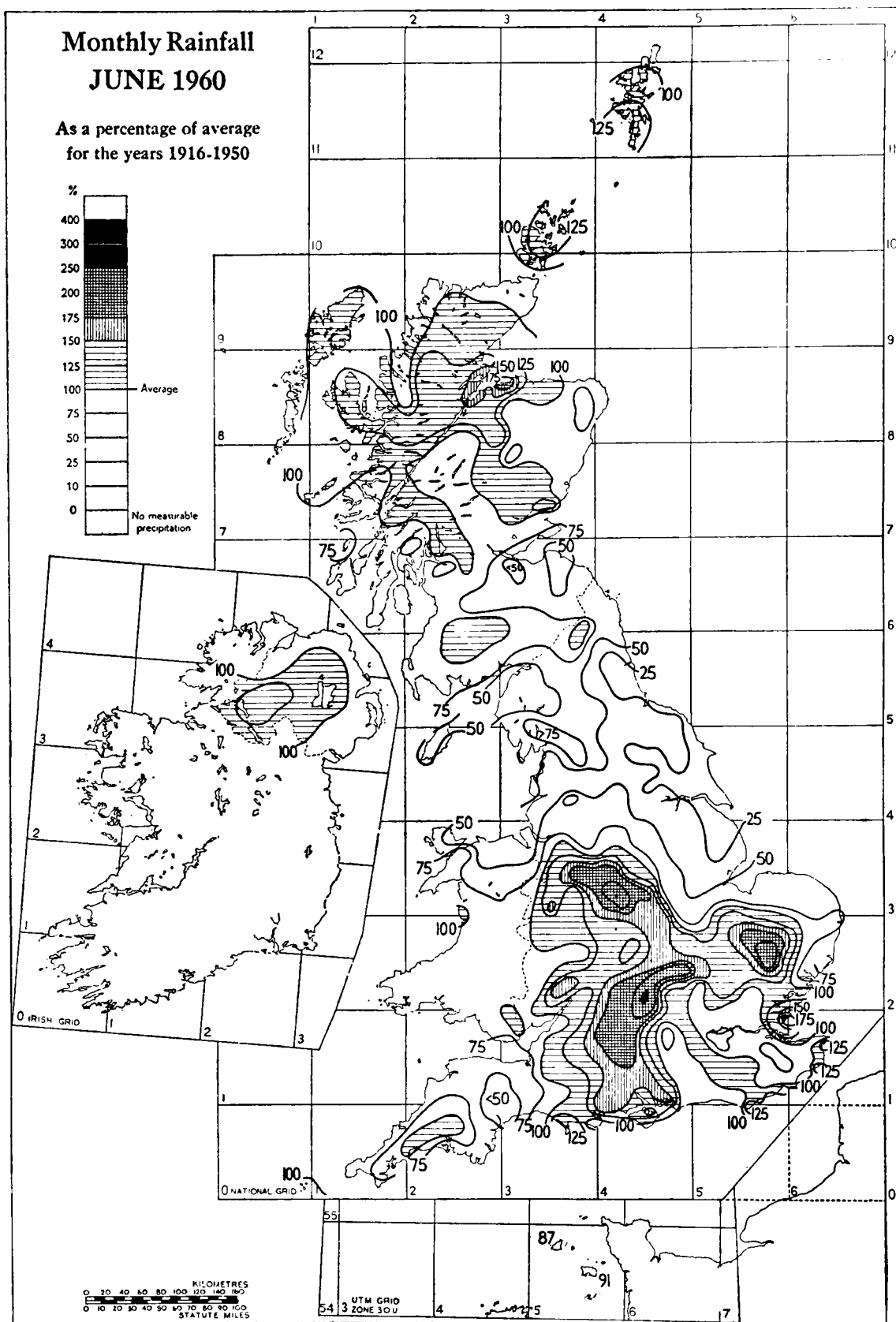
Monthly Rainfall MARCH 1960

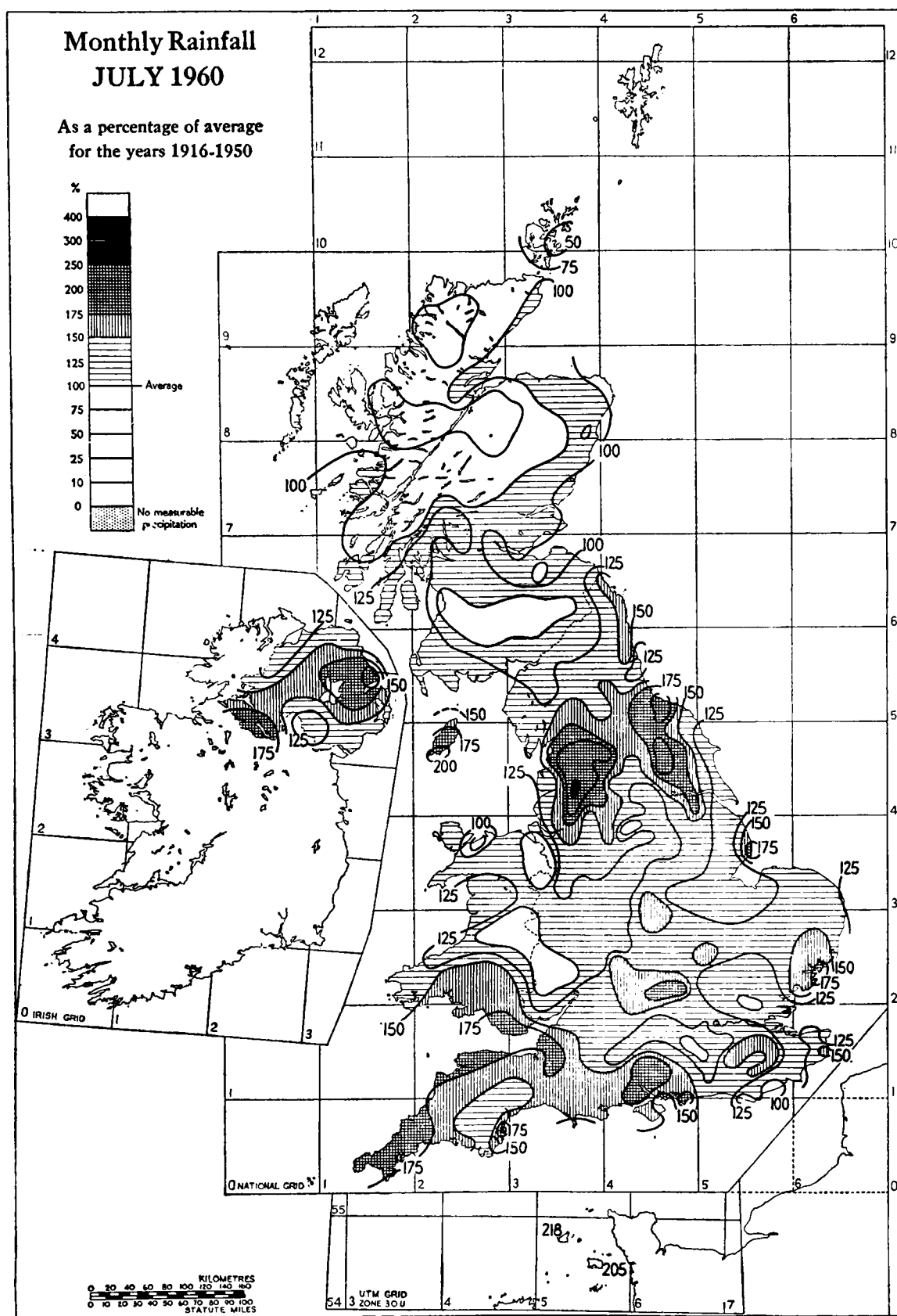
As a percentage of average
for the years 1916-1950

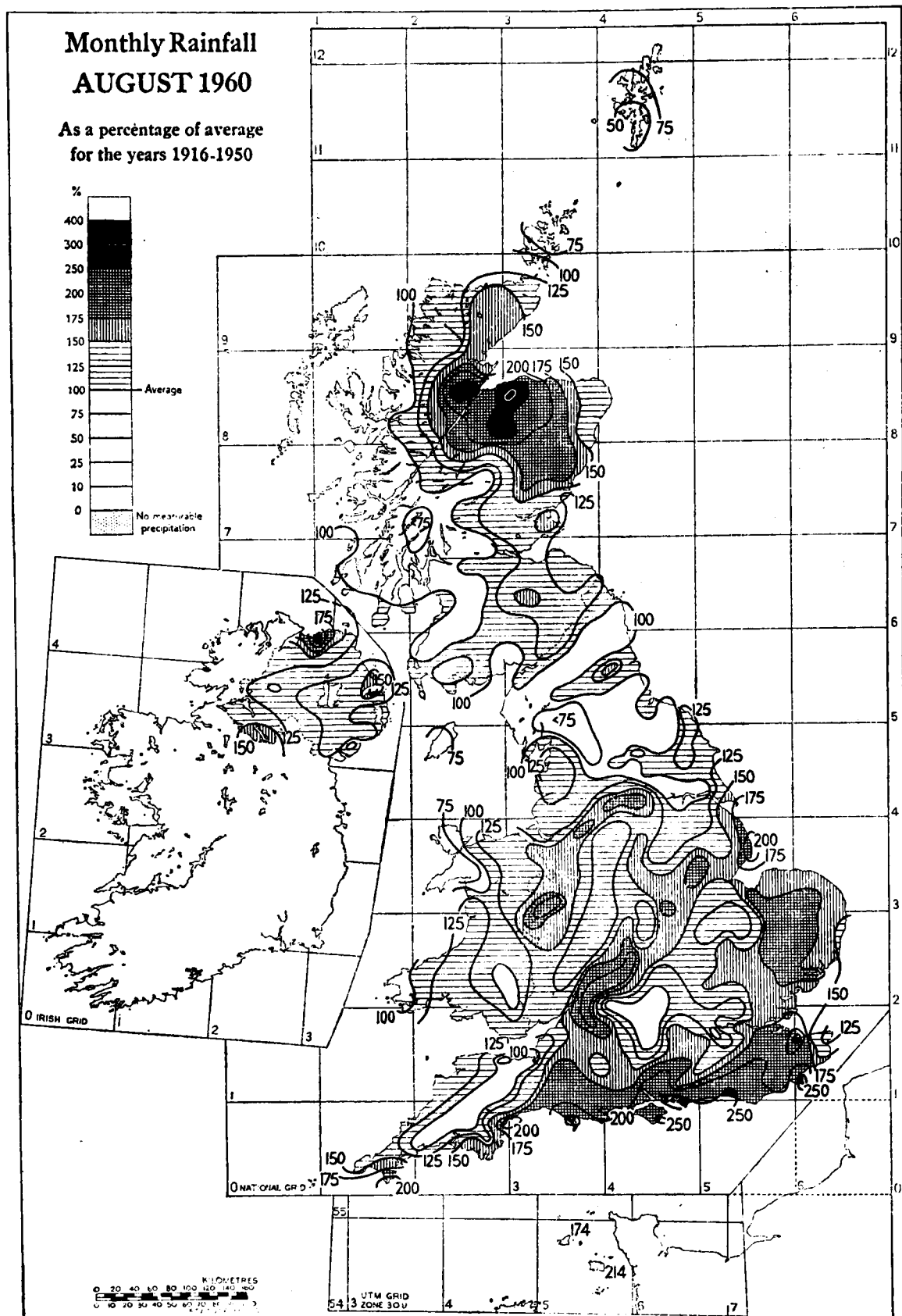


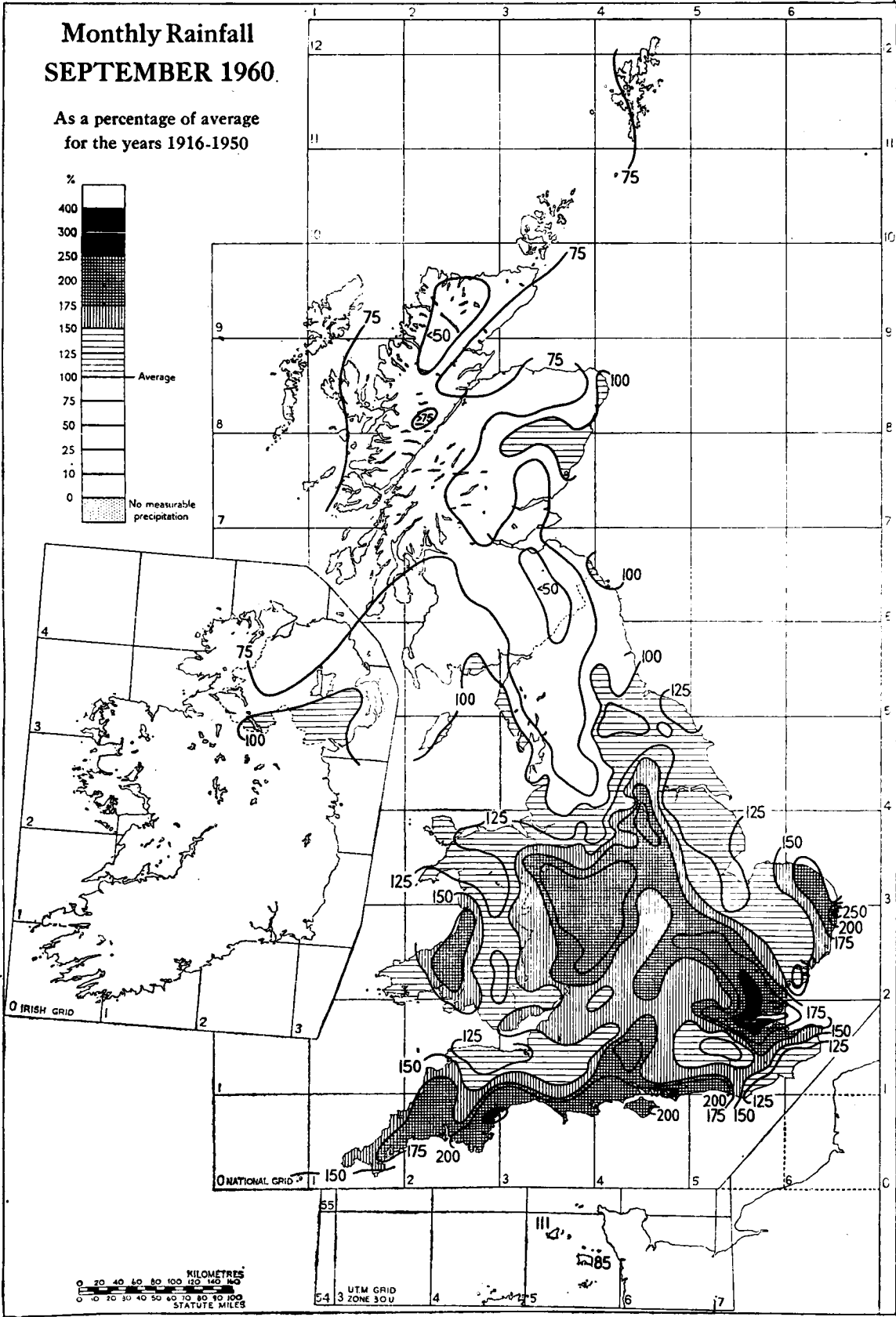






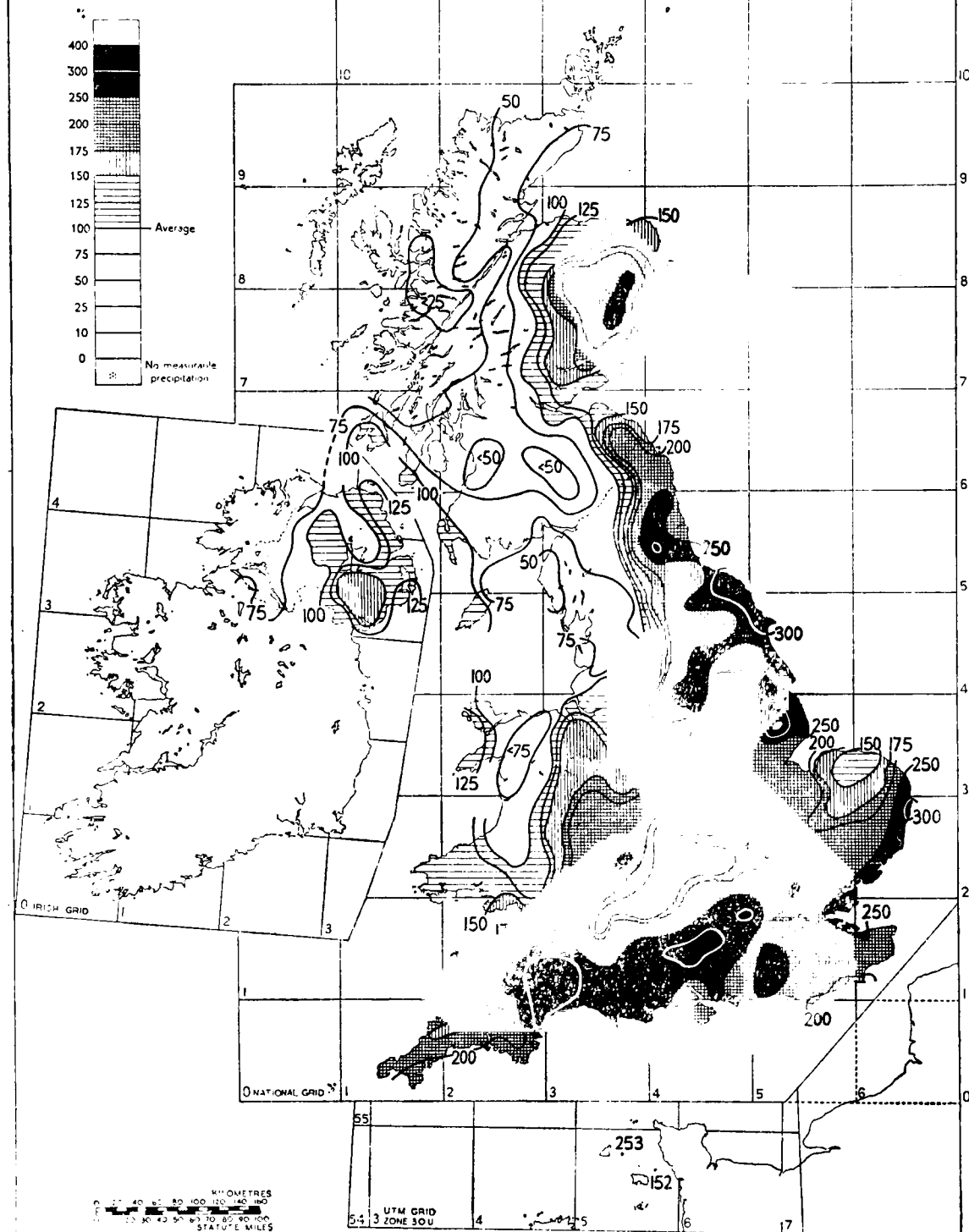


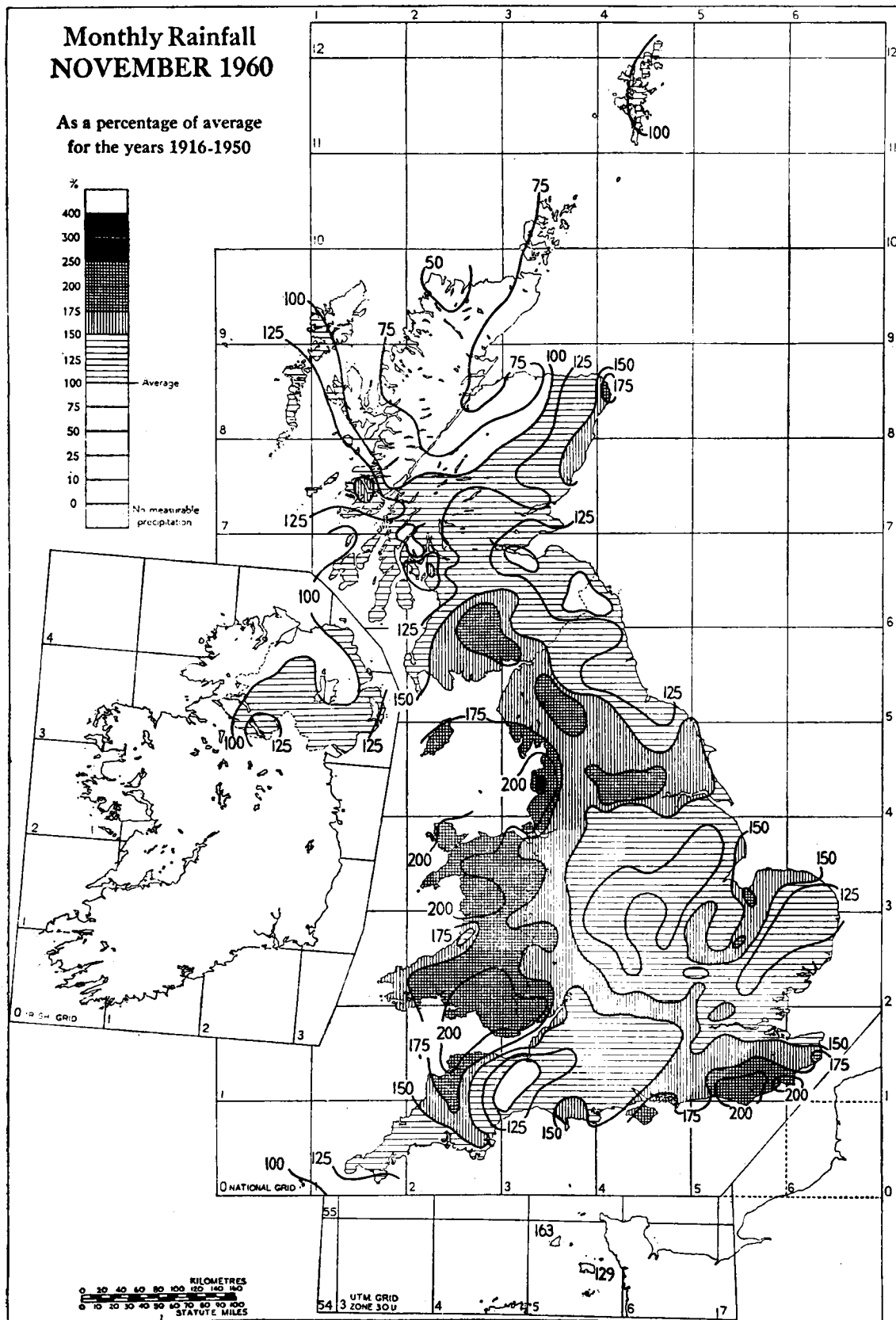


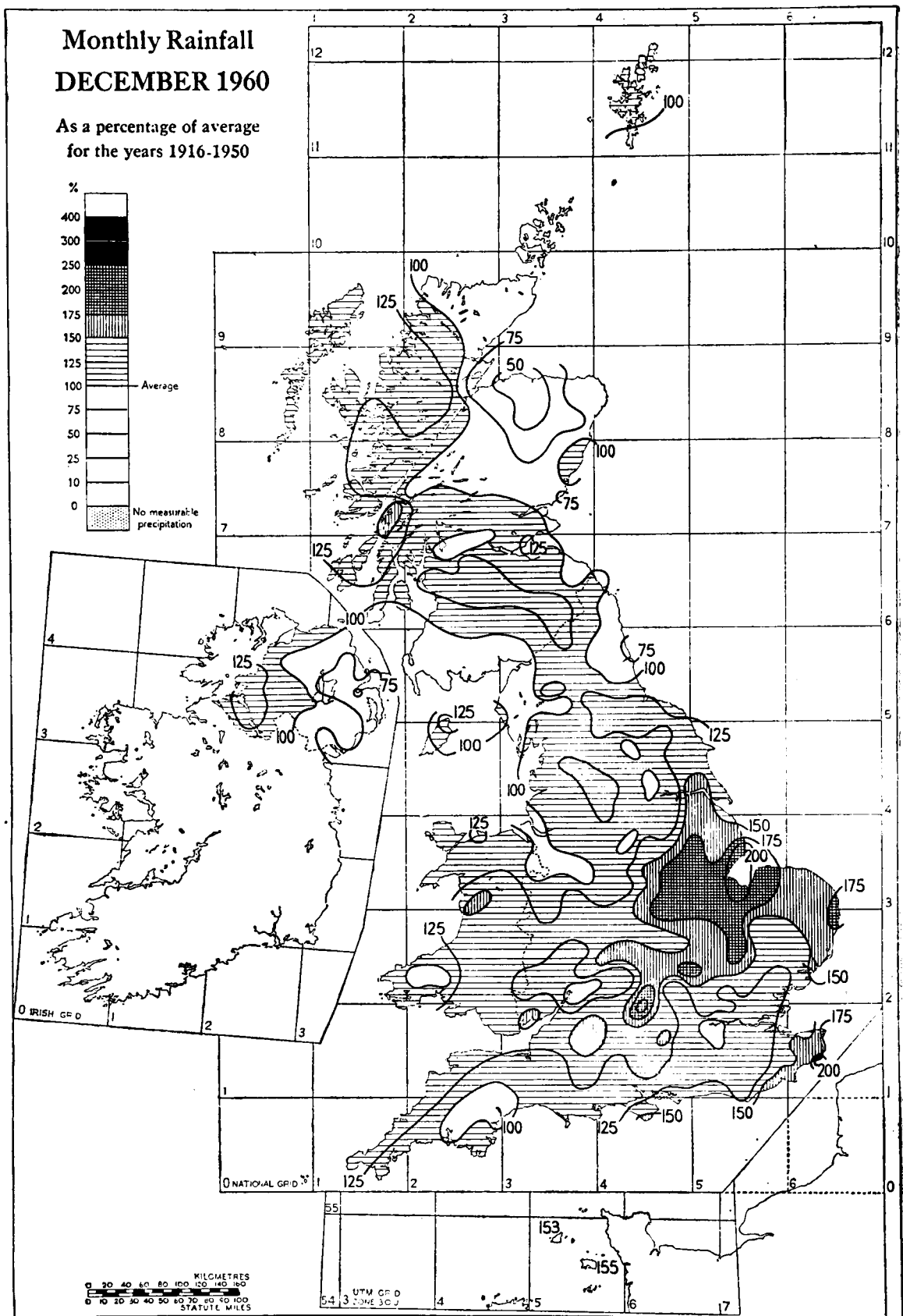


Monthly Rainfall OCTOBER 1960

As a percentage of average
for the years 1916-1950







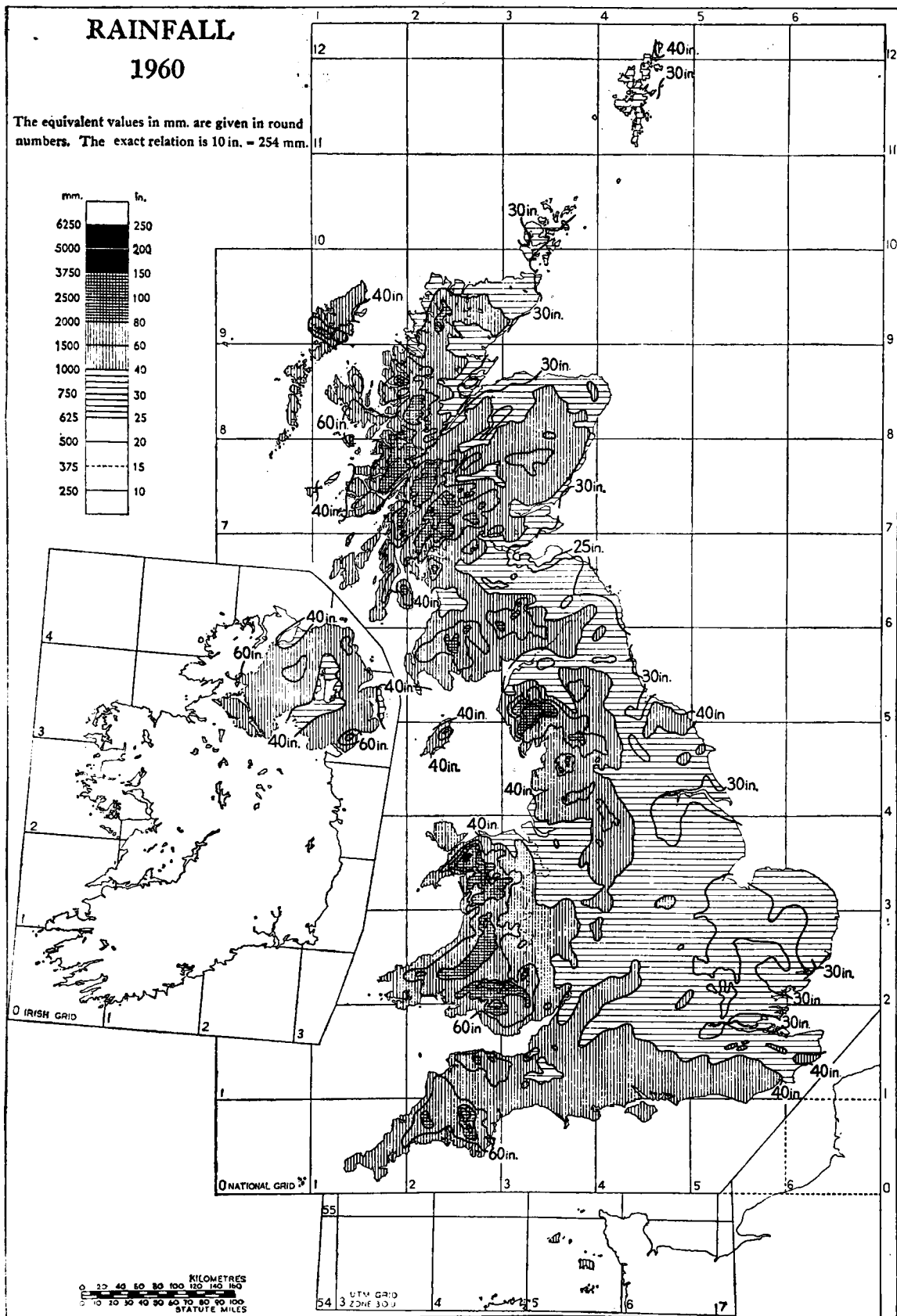


Table 8C. Monthly and Annual Rainfall in Great Britain and Northern Ireland in 1959
ENGLAND, WALES AND THE ISLANDS

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
London.....2	St. Pancras (Camden Square).....	2.21	.06	1.74	2.14	.91	1.74	1.33	1.89	.08	2.01	2.49	3.35	19.95
Surrey.....5	Mickleham (Juniper Hall).....	2.60	.05	3.18	2.64	.70	.51	1.52	1.56	.15	2.83	3.56	5.48	24.78
".....6	Godalming (Borough Road P.S.).....	3.32	.02	3.16	2.34	.51	.80	2.11	2.55	.19	2.52	4.29	5.77	27.58
Kent.....1	Dover (Waterloo Crescent).....	3.13	.02	1.68	3.18	.98	1.06	1.94	1.22	.09	3.36	6.66	7.17	30.49
".....2	Ashford.....	2.62	.08	1.88	2.55	.82	2.29	2.39	1.17	.18	3.10	4.47	6.66	28.21
".....3	Herne Bay (St. Anne's Home).....	1.79	Trace	1.21	1.58	.96	1.79	2.02	.84	.31	2.52	3.95	3.93	20.90
".....4	Goudhurst (Bedgebury Forest).....	2.89	.05	2.27	3.10	1.51	.90	2.26	1.12	.14	3.56	5.45	8.53	31.78
".....4	Edenbridge (Falconhurst).....	2.93	.06	2.40	2.45	.86	1.15	1.66	.83	.11	3.90	4.11	6.86	27.32
".....4	East Malling (Research Station).....	2.19	.09	1.61	2.02	1.12	.98	1.61	.84	.11	2.87	3.53	4.45	21.42
".....4	Strood (Waterworks).....	2.17	.04	1.92	2.24	.62	.63	1.14	.87	.11	2.37	3.58	4.48	20.17
".....5	Bromley.....	2.29	.09	1.73	1.89	1.04	.91	1.01	1.07	.07	2.10	3.12	3.91	19.23
Sussex.....1	Bognor Regis (Waterloo Square).....	3.28	.05	1.96	1.79	.32	.77	1.04	1.58	.11	2.98	3.97	6.78	24.63
".....1	Compton (Compton House).....	4.52	.12	3.19	3.11	.34	.89	2.64	4.00	.15	3.59	4.91	9.62	37.08
".....2	Horsham (Sewage Disposal Works).....	2.82	.11	2.36	2.81	.48	1.06	1.20	1.59	.08	3.43	3.62	7.25	26.81
".....3	Worthing (Beach House Park).....	3.15	.03	1.49	2.16	.79	.82	1.43	1.12	.10	2.25	3.85	6.28	23.47
".....4	Horsted Keynes (Holy Well P.S.).....	3.17	.05	1.96	2.43	.41	1.09	1.88	1.29	.09	3.57	3.43	8.03	27.40
".....5	Hasting (White Rock).....	3.41	.05	1.70	2.04	.56	.56	1.31	.52	.20	3.43	5.99	7.07	26.84
Hampshire.....1	St. Catherine's Point Lighthouse.....	3.21	.27	2.04	2.37	.95	.37	2.07	2.26	.17	3.38	4.34	7.46	28.89
".....4	Everton (Efford).....	3.00	.25	2.61	2.07	.93	.60	1.67	1.95	.37	3.00	3.97	6.21	26.63
".....4	Southampton (East Park).....	3.38	.17	3.33	2.72	.68	.96	1.66	1.55	.08	3.09	3.82	6.46	27.90
".....4	Whitchurch (Dumley Manor).....	4.00	.17	3.71	3.29	.59	1.06	1.88	2.26	.06	2.74	3.44	6.22	29.42
".....5	Winchester (Recreation Ground).....	3.74	.10	4.05	3.40	.49	.92	2.14	2.15	.08	3.06	4.17	7.81	32.11
".....8	South Farnborough (R.A.E.).....	2.58	.14	2.49	2.03	.73	.88	3.41	1.58	.04	2.39	2.81	4.50	23.58
Berkshire.....4	Woolhampton (Douai Abbey).....	3.62	.26	2.76	2.44	.82	1.45	1.62	1.96	.06	2.73	2.67	4.60	24.99
".....5	Didcot (Sewage Works).....	3.92	.12	2.74	2.47	.54	2.04	2.70	1.95	.09	1.75	2.35	4.74	25.41
".....1	Weybridge (Shepperton Lock).....	2.12	.12	1.77	2.05	.70	1.12	2.69	1.70	.40	2.46	2.41	3.54	21.08
Hertfordshire.....2	Harpenden (Rothamsted).....	3.19	.05	2.45	2.32	1.27	1.07	4.41	1.57	.13	2.18	2.22	4.43	25.29
".....3	Meesden.....	2.79	.08	2.05	1.90	.53	.80	4.89	.90	.14	1.77	2.18	4.80	22.83
Buckinghamshire.....2	Princes Risborough (Research Lab.).....	3.72	.02	2.94	2.52	.81	2.27	2.92	1.61	.14	2.22	2.84	4.99	27.00
".....2	Aylesbury (Sewage Works).....	3.22	.11	2.01	2.05	.60	2.50	2.31	.86	.18	1.98	1.90	3.96	21.60
".....3	Slough (Upton).....	2.21	.03	2.26	2.32	.66	.53	2.54	1.38	.05	2.50	2.38	3.64	20.53
".....5	Buckingham (Foxcote Pumping Stn.).....	4.07	.02	3.29	2.03	.61	1.24	2.09	.85	.12	2.39	1.96	4.40	23.07
Oxfordshire.....3	Oxford (Radcliffe Met. Station).....	3.70	.08	3.40	2.05	1.01	.99	2.55	1.73	.21	1.93	1.76	4.88	24.29
".....3	North Newington (Orchard House).....	3.90	.05	2.68	2.41	.47	.88	1.56	.95	.10	2.65	1.95	4.57	22.17
Northamptonshire.....4	Wellingborough (Swanspool).....	3.51	.06	2.75	1.93	.42	.57	2.45	.78	.01	1.73	1.74	4.11	20.06
".....4	Ravensthorpe.....	3.34	.05	2.53	2.37	.40	1.00	1.59	.67	.07	1.71	2.24	4.18	20.15
Huntingdonshire.....1	St. Ives (Tenterleas).....	2.50	.18	2.82	1.18	.46	.88	2.13	.47	.02	1.43	1.25	3.09	16.41
".....1	Whittlesea Mere.....	2.68	.20	1.70	1.15	.56	2.31	2.49	1.55	.19	1.31	1.42	3.29	18.85

Table 8C. Monthly and Annual Rainfall, 1959—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Bedfordshire.....3	Woburn (Experimental Farm).....	3.65	.05	1.97	2.42	.66	.99	2.68	.95	.09	1.93	2.21	3.73	21.33
".....3	Sandy (Moggerhanger Park).....	3.01	.11	2.18	1.57	.58	.63	2.80	1.26	.05	1.57	1.69	2.98	18.42
Cambridgeshire....2	Cambridge (Botanic Gardens).....	2.77	.11	2.46	1.66	.44	1.91	3.67	.80	.05	1.37	1.48	3.01	19.73
".....2	Littleport (Highfield House).....	2.43	.11	2.04	1.20	.46	1.49	2.87	1.01	.02	1.59	.87	3.02	17.11
".....2	March.....	3.03	.16	2.43	1.46	.54	.47	2.02	1.77	.06	1.41	1.18	3.46	17.99
Essex.....1	Hatfield Broad Oak (Barrington)...	2.11	.07	1.85	2.40	.78	.82	1.52	.70	.06	1.62	2.33	3.89	18.35
".....3	Shoeburyness.....	1.63	.06	.88	1.43	.87	1.24	1.11	.84	.16	2.09	2.85	2.72	15.88
".....3	Basildon (New Town).....	(1.71)	.05	1.16	1.69	1.05	.82	1.93	.74	.09	1.78	2.63	2.96	16.61
".....4	Margaretting (Writtle Park).....	1.86	.05	1.67	2.97	.94	.77	1.45	.55	.07	2.30	2.76	4.23	19.62
".....4	Bradwell-on-Sea (Bellropes).....	1.76	.08	1.09	1.97	.73	1.06	1.26	.75	.07	2.15	2.75	3.09	16.76
".....5	Earls Colne (Grammar School).....	1.65	(.10)	1.52	1.87	.36	1.03	2.43	.51	Trace	1.63	2.21	3.59	16.90
Suffolk.....1	Clare (Little Wratting).....	2.27	.14	1.76	2.05	.39	2.09	2.59	.54	.06	1.56	1.73	4.02	19.20
".....2	Ipswich (Belstead Hall).....	1.94	.17	1.44	1.64	.27	1.19	2.04	.84	.02	1.68	2.23	3.30	16.76
".....3	Felixstowe.....	1.56	.15	.86	1.56	.28	.81	2.02	1.17	.03	1.65	2.51	2.79	15.39
".....4	Lowestoft (Secondary School).....	2.63	.17	.87	1.87	.38	.41	1.15	1.69	Trace	2.71	2.71	2.88	17.47
".....5	Bury St. Edmunds (Westley Hall)...	2.55	.18	2.11	2.12	.25	1.60	2.86	.64	.04	1.77	1.89	3.21	19.22
Norfolk.....1	Harleston (Starston).....	2.97	.21	1.16	1.55	.43	1.15	1.51	2.23	.05	2.04	2.47	2.59	18.36
".....2	Sproston.....	3.41	.23	1.15	1.73	.39	.87	1.19	1.35	.09	2.37	2.50	2.85	18.13
".....2	Aylsham (The Mount).....	3.42	.16	1.66	1.48	.42	1.38	2.45	1.70	.15	1.92	2.13	3.22	20.09
".....3	Sandringham House Gardens.....	4.08	.20	1.45	1.58	.58	.87	2.11	2.34	.13	2.00	1.77	4.76	21.87
".....3	Cromer (Howards Hill).....	3.86	.21	.78	1.96	.60	.76	3.24	4.01	.09	1.97	2.23	3.62	23.33
".....3	Wells (Outfall Sewage Works).....	3.64	.12	.86	2.26	1.06	.95	2.70	2.23	.13	2.05	1.95	4.01	21.96
".....4	Santon Downham.....	2.48	.17	1.85	2.05	.88	1.24	3.09	2.78	.02	1.97	1.31	3.37	21.21
".....4	Marham (Pumping Station).....	3.49	.14	1.64	1.51	.55	1.48	3.47	1.78	.04	1.95	1.44	3.91	21.40
Wiltshire.....1	West Lavington (Dauntsey's School)	4.88	.27	3.18	2.58	1.59	.90	1.34	1.40	.08	2.14	3.16	7.21	28.73
".....1	Chippenham (Waterworks).....	4.30	.31	3.47	2.62	1.76	1.02	2.37	1.72	.17	2.07	2.62	5.85	28.28
".....3	Fonthill House Gardens.....	5.98	.47	4.75	3.44	1.71	.91	1.75	1.75	.16	4.26	4.98	10.54	40.70
".....3	Porton (C.D.E.E.).....	4.83	.19	3.82	2.73	.91	.74	1.20	1.47	.09	2.98	3.69	7.64	30.29
".....5	Marlborough College.....	5.33	.28	4.83	3.11	1.33	2.26	1.91	1.85	.11	2.28	3.25	7.90	34.44
Dorset.....3	Creech Grange.....	4.64	.64	3.50	2.92	.82	1.44	2.05	1.57	.34	4.56	4.34	8.63	35.45
".....3	Beaminster (East Street).....	7.12	.39	4.44	3.91	.81	1.21	1.62	1.33	.06	3.90	5.75	11.05	41.59
".....4	Blandford (King's Road).....	5.79	.39	4.51	3.08	.96	1.54	1.58	2.49	.22	3.19	5.22	10.26	39.23
Devonshire, S.....2	Plymouth (Mount Batten).....	4.68	.24	5.35	4.17	.82	1.36	1.47	2.92	Trace	4.34	7.85	8.34	41.54
".....4	(Ashburton (West Street).....	10.63	.45	6.49	5.87	1.82	1.96	1.23	2.69	.14	4.94	11.28	13.56	61.06
".....4	Princetown (H.M. Prison).....	13.65	.59	9.70	9.28	1.93	2.57	3.88	3.28	.58	9.34	17.04	19.49	91.33
".....5	Teignmouth (Den Gardens).....	5.05	.27	4.44	3.27	1.49	.99	1.81	3.04	.10	3.12	7.79	6.65	38.02
".....6	Clyst Honiton (Exeter Airport).....	3.78	.32	4.35	2.54	1.14	1.11	2.25	3.17	.17	2.48	7.25	6.77	35.33
".....6	Crediton (Okefield).....	4.43	.29	3.92	2.84	1.10	1.64	1.64	2.90	.22	3.75	7.22	6.59	36.54

Table 8C. Monthly and Annual Rainfall, 1959-ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Devonshire, N.....1	Ilfracombe (Bowling Green).....	5.11	.22	4.13	2.87	1.47	1.76	4.07	1.06	.40	6.01	8.86	8.65	44.61
".....3	Okehampton (Waterworks).....	9.53	.47	6.52	5.21	1.78	1.72	2.54	2.09	.49	7.03	11.00	13.33	61.71
".....3	Torrington (Rack Park).....	5.66	.35	3.29	2.89	1.27	1.53	3.26	1.40	.32	6.00	9.22	8.59	43.78
Cornwall.....1	Newquay (Mount Wise).....	5.17	.34	4.03	2.26	1.65	.67	1.76	6.28	.13	5.34	6.38	7.96	41.97
".....1	Bodmin (Castle Hill House).....	6.95	.70	6.51	4.41	1.74	1.03	2.19	4.93	.48	8.13	10.54	10.93	58.54
".....1	Camelford (Stannon Clay Works)...	9.16	1.07	6.24	5.97	1.87	2.08	4.66	4.01	.75	10.53	11.89	12.90	71.13
".....1	Bude (School House).....	4.22	.62	3.41	2.24	1.14	.69	2.34	2.27	.29	4.68	7.41	7.22	36.53
".....2	Penzance (Penlee Gardens).....	7.10	.40	3.94	3.06	1.60	1.00	1.85	1.30	.11	5.19	8.96	10.26	44.77
".....2	Falmouth.....	7.39	.34	4.89	3.58	1.56	1.22	1.81	3.21	.10	5.07	8.16	10.57	47.90
".....2	St. Austell (Poltair Public Gardens).	7.34	.61	6.20	4.30	1.56	1.11	2.21	6.54	.14	8.17	9.13	9.45	56.76
".....4	Scilly (St. Mary's Coastguard Stn.).	4.46	.23	3.20	2.52	1.29	.54	.95	.98	.04	4.46	5.78	8.29	32.74
Somerset.....1	Litton (Sherborne Reservoir).....	4.99	.27	4.00	3.04	1.57	1.74	2.25	1.11	.17	3.46	4.86	9.06	36.52
".....1	Bath (Henrietta Park).....	3.90	.21	3.07	2.39	2.08	1.73	2.92	2.16	.17	2.82	3.77	6.45	31.67
".....1	Long Ashton (Research Station).....	3.93	.33	2.74	2.87	1.68	1.74	3.05	1.36	.19	3.57	4.38	7.00	32.84
".....2	Street (Millfield).....	3.26	.25	4.05	1.75	1.25	.89	1.50	1.02	.14	3.24	4.15	6.00	27.50
".....2	Burnham.....	3.07	.23	3.21	2.35	1.31	1.05	2.49	1.81	.14	2.99	5.13	4.98	28.76
".....3	Taunton (Vivary Park).....	3.66	.16	3.10	2.54	.73	1.18	1.57	1.44	.16	2.74	5.54	6.43	29.25
".....4	Dunkery Beacon.....	8.22	(.51)	5.50	6.23	1.97	3.49	4.27	5.47	.52	7.79	10.61	17.61	72.19
".....5	East Anstey (Dassels).....	6.64	.33	4.61	4.86	1.55	2.11	4.91	3.62	.78	5.75	7.22	11.52	53.90
Gloucestershire.....3	Alderley (Pumping Station).....	3.93	.34	2.89	3.85	1.50	1.42	2.47	3.61	.10	2.98	3.25	6.24	32.58
".....3	Cheltenham (Montpellier Gdns.).....	4.79	.11	2.31	3.07	.85	1.30	1.76	1.47	.24	2.10	3.48	5.47	26.95
".....4	Blockley (The Manor House).....	4.67	.11	3.32	2.98	.98	.98	1.39	1.34	.08	1.82	2.90	5.10	25.67
".....7	Lechlade (St. John's Lock).....	3.98	.08	2.93	2.66	.72	.93	1.85	2.40	.26	1.62	1.73	5.15	24.31
".....7	Cirencester (Royal Agric. College)...	4.54	.16	2.95	3.36	1.05	1.57	2.07	2.20	.26	2.16	2.83	6.57	29.72
Herefordshire.....1	Ross-on-Wye.....	4.81	.16	2.89	2.96	1.40	.75	2.03	.97	.08	1.89	5.02	7.32	30.28
".....1	Vowchurch (Ladywell House).....	5.41	.35	3.06	3.94	3.77	2.97	2.19	.95	.06	3.65	5.41	8.97	40.73
".....1	Bromyard (The Down House).....	3.55	.15	2.65	2.81	1.35	1.14	1.89	1.28	.15	2.24	4.16	5.95	27.32
".....1	Presteigne (Middlemoor).....	4.40	.29	2.69	4.24	3.93	3.09	1.81	1.17	.03	3.18	4.84	6.46	36.13
Shropshire.....3	Bromfield (Oakly Park).....	3.22	.47	2.39	3.30	.99	2.39	2.14	1.51	.02	2.98	4.59	6.43	30.43
".....3	Church Stretton (Sewage Works)...	3.74	.30	2.60	4.08	1.48	2.05	1.79	.76	.02	3.58	4.05	6.52	30.97
".....3	Shrewsbury (Monk Moor).....	3.71	.20	1.63	2.92	1.42	2.00	1.56	.70	.16	2.17	2.57	4.19	23.23
".....4	Hilton (Pumping Station).....	2.77	.18	2.31	3.36	.81	1.69	1.39	1.05	.07	2.33	3.21	4.30	23.47
".....4	Newport (Harper Adams Ag. Coll.)	2.86	.28	1.95	3.40	.99	1.72	1.31	1.01	.31	2.49	3.11	3.79	23.22
".....4	Oswestry (Mount Reservoir).....	5.77	.36	2.26	4.11	3.09	2.81	3.38	1.65	.37	2.93	4.50	6.95	38.18
Staffordshire.....3	Lichfield (Hanch Reservoir).....	3.28	.26	1.77	2.88	.91	1.06	1.54	1.82	.12	2.54	3.63	3.77	23.58
".....3	Stichford (Riverway Nurseries).....	2.62	.39	1.81	3.14	.79	1.27	2.03	1.18	.15	1.97	3.07	3.52	21.94
".....3	Keele (Univ. College of N. Staffs)...	3.03	.44	1.59	3.44	1.43	1.22	1.50	1.65	.18	1.86	3.27	5.18	24.79
".....4	Burton (Shobnall).....	2.79	.24	1.61	2.48	.31	.60	2.04	.53	.06	2.14	3.06	3.08	18.94

Table 8C. Monthly and Annual Rainfall, 1959—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Staffordshire.....5	Ellastone (Vicarage).....	3.01	.53	1.51	3.12	.48	1.45	1.92	1.06	.15	2.17	3.89	5.10	24.39
".....5	Leek (Lower Haddon).....	3.00	.90	2.25	3.40	1.20	1.90	2.25	.55	.30	3.25	4.50	5.95	29.45
Worcestershire....2	Worcester (Redhill).....	3.29	.10	2.07	2.91	1.43	.80	1.40	2.27	.18	2.28	3.94	4.22	24.89
".....2	Kidderminster (St. Johns Avenue)...	3.24	.23	2.06	2.82	1.28	1.95	1.51	1.06	.05	2.46	3.68	4.20	24.54
Warwickshire.....1	Wellesbourne.....	3.57	.10	1.96	2.60	.48	.48	1.68	.73	.08	2.33	2.06	3.55	19.62
".....1	Alcester (Arrowside).....	3.99	.08	2.81	2.91	1.11	.62	1.01	1.29	.10	2.52	2.85	4.17	23.46
".....4	Birmingham (Edgbaston Obs'y.)....	3.67	.19	1.75	3.88	1.06	.93	2.00	2.67	.17	3.00	4.33	5.15	28.80
".....4	Nuneaton (Hartshill Sewage Wks.)...	2.78	.10	1.73	2.89	.48	.75	1.14	1.06	.09	2.34	3.08	3.76	20.20
Leicestershire....2	Caldecott (Pumping Station).....	3.37	.05	1.76	1.79	.41	.43	2.05	.75	.02	1.28	2.23	3.89	18.03
".....4	Thornton Reservoir.....	2.91	.04	2.04	2.70	.43	1.11	1.10	.93	.11	2.27	2.66	3.92	20.22
".....4	Melton Mowbray (White Lodge)....	2.98	.04	2.25	1.74	.46	1.03	1.22	.99	.05	1.83	2.08	3.23	17.90
".....4	Loughborough (Nanpantan Res.)....	2.90	.08	1.79	3.06	.43	1.51	.97	.99	.07	2.04	2.58	3.78	20.20
Lincolnshire....2	Spalding (Pode Hole).....	2.94	.17	2.66	1.27	.71	.58	2.27	.95	.34	1.03	1.62	3.44	17.98
".....3	Kirton.....	2.82	.15	2.35	1.39	.46	.58	1.75	.96	.57	1.19	1.55	3.34	17.11
".....3	Cranwell Airfield.....	2.46	.37	1.77	2.30	.78	.51	1.55	1.33	.08	1.39	1.95	2.71	17.20
".....3	Potterhanworth (Old Hall).....	2.65	.26	1.83	1.71	.66	.64	1.62	.66	.10	1.84	2.02	3.26	17.25
".....3	Horncastle.....	2.98	.20	2.00	1.58	.35	.91	2.11	1.27	.16	1.67	2.07	3.49	18.79
".....4	Skegness (Marine Gardens).....	3.81	.17	1.68	1.61	.29	.78	2.03	2.30	.13	1.61	2.07	4.59	21.07
".....4	Withern (Pumping Station).....	3.66	.22	1.64	1.59	.20	.85	1.69	.73	.69	1.88	2.64	4.52	20.31
".....4	Wold Newton Manor.....	3.15	.29	2.05	1.48	.13	1.44	1.82	1.00	.09	2.01	2.92	4.66	21.04
".....5	Brigg (Wrawby Road).....	2.40	.27	1.46	2.10	.40	1.10	1.66	.42	.04	1.79	2.37	2.93	16.94
".....6	Gate Burton Hall.....	2.31	.56	1.70	1.75	.33	.51	1.15	.74	.01	1.74	2.10	3.08	15.98
".....7	Crowle (N. Level Pumping Stn.)....	1.84	.26	.65	2.01	.34	1.27	1.24	.44	.02	1.72	2.23	2.35	14.37
Nottinghamshire..2	Newark (The Friary).....	2.66	.19	1.37	2.14	.72	.47	1.53	.52	.05	1.76	1.74	2.58	15.73
".....5	Nottingham (The Castle).....	3.15	.15	1.51	2.43	.39	1.16	1.62	.63	.09	2.08	1.86	2.92	17.99
".....5	Mansfield (Carr Bank).....	3.33	.18	1.60	3.28	.90	.95	1.74	.68	.07	1.95	3.24	4.21	22.13
Derbyshire.....6	Whatstandwell (Meerbrook Sough)...	3.23	.10	2.14	3.63	.54	1.03	2.22	.96	.04	2.58	3.90	5.90	26.27
".....6	Buxton (Terrace Slopes).....	5.04	.77	2.58	4.13	.72	1.57	4.03	1.13	.17	4.50	5.88	8.98	39.50
".....6	Fairholmes (Nursery).....	4.99	.43	2.07	3.93	1.27	2.19	3.45	.80	.07	4.50	6.09	8.23	38.02
".....8	Chesterfield (Sewage Works).....	3.07	.14	1.62	3.82	1.24	.84	1.50	.79	.03	2.40	4.03	4.16	23.64
Cheshire.....1	Ringway (Manchester Airport).....	2.78	.41	1.43	3.40	1.18	2.03	2.86	.46	.21	3.01	3.33	4.72	25.82
".....2	Nantwich (Brookfield House).....	3.03	.28	1.58	3.47	1.45	1.93	1.92	.59	.15	3.37	2.82	4.50	25.09
".....2	Northwich (Winnington).....	2.84	.27	1.14	3.07	3.22	2.68	2.55	.57	.17	2.68	3.30	4.72	27.21
".....3	Birkenhead (Bidston Observatory)...	3.14	.48	1.15	2.41	1.97	2.93	3.16	2.22	.28	2.80	3.96	4.25	28.75
Lancashire, South.2	Winwick (Pumping Station).....	2.66	.33	1.51	3.01	2.42	3.33	3.21	.58	.22	3.08	3.80	5.35	29.50
".....3	Ashton-under-Lyne (Knott Hill Res.)	4.02	.46	1.89	3.27	1.25	2.78	3.62	.55	.29	3.30	4.28	5.90	31.61
".....3	Bolton (Heaton Reservoir).....	3.10	.83	1.93	3.29	2.05	2.87	5.04	.50	.33	4.69	4.59	7.07	36.29
".....3	Bacup (Sheephouse Reservoir).....	4.63	.98	3.43	4.41	2.67	4.10	4.50	.77	.53	6.47	6.57	12.18	51.24

Table 8C. Monthly and Annual Rainfall, 1959—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lancashire, Central	Squires Gate (Blackpool Airport)...	in. 3.15	in. .37	in. 1.71	in. 2.72	in. 1.47	in. 3.15	in. 4.91	in. .33	in. .29	in. 3.57	in. 3.61	in. 6.11	in. 31.39
"	Stonyhurst College.....	3.18	.78	1.67	2.50	2.49	3.40	4.47	.55	.55	5.74	5.15	6.97	37.45
"	Chorley (Common Bank Sew. Wks.)	2.78	.36	1.72	2.51	1.52	2.46	4.52	.87	.39	4.47	5.49	7.48	34.57
"	Formby (Victoria Road).....	3.53	.30	1.57	2.74	1.99	3.51	3.70	.58	.54	3.23	4.66	6.23	32.58
Lancashire, North.	Morecambe.....	2.44	1.34	2.05	2.17	2.02	4.24	3.68	.33	.60	3.77	4.17	7.79	34.60
"	Garstang (Grizedale Reservoir)....	3.51	1.05	2.67	2.78	2.26	4.16	5.66	.59	.51	4.43	5.89	9.13	42.64
Yorkshire, W.R.	Sedburgh (Brigflatts).....	3.23	2.13	3.60	3.74	1.23	3.72	4.01	1.11	1.29	5.74	6.11	9.61	45.52
"	Settle (Gasworks).....	3.90	.72	2.30	3.46	.76	2.90	3.35	.83	.31	5.12	5.85	9.34	38.84
"	Ribblehead Station.....	5.04	3.08	5.12	4.77	1.41	3.87	5.57	1.25	.87	8.74	7.78	12.94	60.44
"	Balby (Sewage Works).....	2.09	.09	.65	2.53	.56	1.31	1.55	.41	.00	1.78	3.21	2.93	17.11
"	Sheffield (Weston Park).....	3.53	.08	1.51	3.49	1.05	1.20	1.32	.74	.02	2.25	4.17	4.60	23.96
"	Penistone (Ingirchworth Res.).....	3.99	.15	1.40	5.51	.99	2.64	2.30	.98	.16	3.35	4.84	7.26	33.57
"	Huddersfield (Oakes).....	3.93	.20	1.38	4.50	1.57	1.63	2.33	.64	.36	3.82	3.76	6.49	30.61
"	Wakefield (Clarence Park).....	2.72	.07	.99	3.32	.94	1.59	1.51	.53	.11	1.65	3.16	3.06	19.65
"	Goole (Sewage Pumping Station)....	1.82	.24	.70	2.19	.61	1.03	1.00	.30	.05	1.64	2.26	2.00	14.30
"	Bingley (St. Ives Research Station)...	2.89	.24	1.46	3.50	1.33	2.06	2.47	.67	.14	4.15	4.15	7.46	30.06
"	Cawood (Exper. Husbandry Farm)...	2.05	.11	.63	2.56	.54	1.31	.84	.41	.15	1.74	2.66	2.35	15.35
Yorkshire, E.R.	Upper Barden Reservoir.....	4.08	.95	2.26	3.62	.81	2.65	2.79	.64	.35	5.06	5.46	8.71	37.38
"	Knaresborough (Water Tower).....	2.66	.10	1.26	3.61	.60	1.08	1.59	.65	.09	2.07	4.06	4.77	22.54
"	Ramskill (Raygill House).....	5.06	.62	2.99	4.56	1.10	1.49	2.75	.85	.25	5.74	5.76	10.51	41.68
"	Birdsall Gardens.....	2.89	.35	1.67	3.10	.58	1.92	2.36	.29	.36	1.92	3.87	4.61	23.92
"	Easington (Primary School).....	2.68	.28	2.01	1.66	.26	1.39	3.04	.43	.08	2.44	2.84	4.46	21.57
"	Hull (Pearson Park).....	2.39	.22	1.55	2.40	.42	1.18	1.61	.27	.27	1.95	2.30	3.16	17.72
"	Market Weighton (Dalton Holme)...	1.93	.27	1.64	2.81	.60	.98	1.81	.21	.15	2.43	3.07	3.68	19.58
"	Lowthorpe (Woodman's Cottage)...	2.33	.31	1.15	2.50	.68	1.06	1.23	.25	.18	2.04	3.48	4.73	19.94
Yorkshire, N.R.	Leyburn (Bolton Hall).....	3.42	.19	1.99	3.21	.51	1.70	1.94	.65	.19	3.06	7.09	7.58	31.53
"	Felixkirk (Mount St. John).....	2.67	.56	1.14	2.23	.59	2.05	1.40	.27	.24	1.68	4.29	3.65	20.77
"	Scruton (Post Office).....	2.44	.39	.91	2.56	.40	1.30	1.15	.96	.30	1.30	3.79	3.15	18.65
"	York Museum.....	2.21	.27	.99	3.09	.45	1.42	2.28	.29	.17	1.72	2.83	3.04	18.76
"	Farndale (Vicarage).....	3.34	.50	1.62	3.77	.67	1.79	2.80	.51	.64	2.33	5.89	7.36	31.22
"	Scarborough.....	3.55	.41	1.47	2.90	.47	2.25	2.74	.31	.38	1.78	3.55	3.21	23.02
"	Middlesbrough (Albert Park).....	2.57	.57	.49	1.50	.54	1.64	1.97	.17	1.03	1.26	3.96	2.48	18.18
"	Baldersdale (Hury Res.).....	2.59	.56	1.52	3.00	.37	1.74	2.16	.82	1.25	1.51	5.04	6.70	28.94
"	Darlington (South Park).....	2.41	.64	.83	1.80	.43	1.70	1.62	.42	1.14	1.31	3.41	2.92	18.83
Durham.....	Durham (University Observatory)...	2.00	.59	.57	1.50	.52	2.41	1.22	.25	.70	.98	3.53	3.03	17.30
"	Weardale W.W. (Tunstall Res.).....	3.17	.39	1.31	3.10	.76	2.58	1.43	.59	.97	2.05	5.70	5.24	27.29
"	Haydon Bridge (Shaftoe Trust Sch.)...	2.36	.55	.86	2.12	.31	2.66	1.28	.35	.84	2.32	4.50	4.03	22.18
Northumberland	Newcastle (Leazes Park).....	1.77	.57	.56	1.66	.51	1.77	1.24	.26	.76	1.90	4.68	2.94	18.62

Table 8C. Monthly and Annual Rainfall, 1959—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Northumberland . . . 4	Bellingham (Highgreen)	in. 2.03	in. .78	in. 1.61	in. 2.71	in. .48	in. 2.51	in. 2.66	in. .36	in. 1.07	in. 2.44	in. 6.70	in. 4.85	in. 28.20
" . . . 5	Morpeth (Cockle Park)	2.49	.34	.72	2.15	.36	1.67	2.13	.31	.78	1.64	4.29	3.61	20.49
" . . . 5	Howick Hall Gardens	3.56	.24	.79	2.34	.53	2.16	1.76	.50	1.04	1.73	5.75	4.25	24.65
" . . . 6	Ilderton (Lilburn Tower Gardens)	2.20	.27	.63	2.14	.55	1.34	3.72	.56	.75	2.09	6.53	4.80	25.58
" . . . 6	Berwick-on-Tweed (Ramparts)	1.47	.23	.52	2.05	.33	1.41	1.71	.45	.58	1.89	2.89	3.70	17.23
Cumberland 1	Silloth Airfield	1.53	1.02	1.51	2.59	1.13	3.69	3.38	.72	2.38	4.57	5.16	4.63	32.31
" 1	Geltsdale	2.38	1.07	1.75	3.00	1.98	3.10	4.01	.92	1.65	4.47	5.71	5.18	35.22
" 2	Keswick (Derwent Island)	3.80	1.31	3.84	4.53	1.19	4.15	4.86	1.02	1.23	8.74	7.87	10.65	53.19
" 3	Ravenglass (The Grove)	2.06	1.45	2.82	3.16	1.13	3.06	2.68	.52	1.77	5.81	7.22	7.47	39.15
" 3	Ennerdale (Gillerthwaite)	4.90	4.50	7.90	6.40	2.00	6.00	5.30	2.90	2.30	12.50	15.50	19.00	89.20
Westmorland 1	Appleby Castle	(2.41)	.78	1.37	3.03	1.12	4.25	3.64	.53	1.08	3.02	4.65	4.71	30.59
" 2	Ambleside	4.57	2.61	5.33	5.06	1.80	6.19	6.46	.99	1.38	9.73	10.73	15.63	70.48
" 3	Kendal (Fisher Tarn Reservoir)	3.59	2.14	3.62	5.14	1.35	5.11	5.84	1.25	1.48	5.56	7.05	9.91	52.04
Monmouthshire . . . 3	Newport W.W. (Nantyridd)	5.83	.37	4.49	3.96	1.43	1.93	3.79	2.00	.24	3.23	5.55	9.98	42.80
" 3	Abergavenny (Plás Derwen)	6.16	.35	4.18	4.14	2.70	1.77	2.05	1.35	.03	3.68	7.44	12.77	46.62
Glamorgan 3	Swansea (Victoria Park)	4.99	.20	4.28	3.59	1.26	3.85	2.80	1.85	.54	6.67	7.70	8.66	46.39
" 6	Treherbert (Tyn-y-waun)	11.52	.70	9.67	7.96	3.31	3.85	7.23	2.26	.71	10.81	14.85	22.26	95.13
" 7	Cardiff (Penylan)	4.78	.45	3.28	3.19	1.20	1.97	3.95	2.75	.25	5.54	4.94	8.99	41.29
Carmarthenshire . . 2	Llandeusan (Pontcrynfe)	6.65	.57	6.22	6.21	1.71	3.08	4.00	.96	.54	8.39	9.53	12.28	60.14
" 2	Conwil-Eivet (Cwm-tawel Res.)	7.04	1.06	5.61	5.56	2.02	2.78	5.19	1.65	.32	8.92	14.34	11.77	66.26
" 2	Abergorlech	8.63	.78	5.97	5.89	1.21	2.84	4.72	.80	.46	8.83	11.13	11.84	63.10
Pembrokeshire . . . 4	Pembroke (Stackpole Court)	3.46	.47	3.18	2.48	.78	1.26	2.27	.82	.36	6.17	12.10	6.82	40.17
" 4	Haverfordwest (Hospital Grounds)	4.87	.70	4.17	3.43	1.00	1.73	2.41	2.26	.25	8.46	12.95	8.08	50.31
" 4	Maenclochog (Ddolwen Bridge)	5.69	.82	4.30	4.85	1.74	2.23	2.64	1.43	.41	10.26	18.22	11.01	63.60
Cardiganshire 2	Aberporth	4.65	.43	3.71	3.31	1.82	1.37	2.19	.68	.35	6.20	9.05	5.86	39.62
" 2	Aberystwyth (Plant Breeding Stn.)	4.28	.79	2.45	3.43	.88	2.55	4.49	1.05	.52	5.50	6.20	6.04	38.18
" 3	Swyddffynnon (Crug-las)	5.66	1.01	3.39	4.50	1.12	2.47	3.66	1.89	.30	9.28	7.05	7.86	48.19
Brecknockshire . . . 4	Cardiff W.W. (Cantref Reservoir)	9.06	.87	7.36	7.67	1.80	3.27	8.20	1.64	.58	8.32	10.43	17.73	76.93
" 8	Nant-y-Brain	9.48	.94	6.00	7.83	1.47	3.45	5.46	.49	.51	4.50	10.02	14.68	64.83
Radnorshire 1	Erwood (Cwrt Gwenddwr)	6.40	.25	3.75	5.48	1.79	2.24	3.11	.72	.26	4.66	6.98	9.43	45.07
" 1	Llandrindod Wells (The Common)	4.83	.38	3.45	3.88	2.45	4.37	3.76	.48	.20	4.75	4.87	7.92	41.34
" 1	Birmingham W.W. (Nantgwyllt)	8.77	.74	5.72	7.16	2.52	3.31	4.55	.69	.31	8.97	8.63	14.60	65.97
Montgomeryshire . . 1	Machynlleth (Garth)	5.50	1.94	3.29	4.75	1.74	4.39	4.85	1.09	.78	8.30	6.00	9.31	51.94
" 3	Llangurig (Cefn-Brwyn)	10.12	2.43	7.13	7.03	2.50	4.36	7.62	.94	.84	13.62	8.94	14.81	80.34
" 4	Newtown (Penarth Weir)	4.12	.48	2.32	4.64	2.44	2.65	3.47	1.21	.05	3.30	4.54	6.24	35.46
" 5	Lake Vyrnwy (Experimental Stn.)	7.47	.81	3.77	5.02	1.96	3.62	6.77	1.81	.41	8.63	6.09	13.99	60.35
Flintshire 1	Hawarden Bridge	4.01	.11	1.31	3.26	1.59	2.32	2.22	1.76	.28	2.36	4.15	4.46	27.83
" 2	Bodfari (Nantlys)	4.35	.23	1.11	4.11	1.70	1.64	2.60	.64	.31	2.57	3.84	3.97	27.07

Table 8C. Monthly and Annual Rainfall, 1959—ENGLAND, WALES AND THE ISLANDS (*concluded*)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Denbighshire 1	Wrexham W.W. (Pack Saddle Res.)	4.45	.47	2.04	5.41	1.98	2.07	2.26	.80	.14	2.79	4.29	6.08	32.78
" 1	Nantglyn (Pant-y-maen)	7.23	.96	2.91	7.17	2.35	2.49	3.90	1.20	.40	6.45	7.36	9.69	52.11
Merionethshire 1	Llandrillo (Crogen)	6.87	.37	3.40	5.70	1.48	1.88	4.35	2.16	.44	6.84	6.59	13.81	53.89
" 3	Blaenau Festiniog (Oakeley Quarry)	7.84	4.63	5.63	7.07	1.88	5.30	8.80	1.60	1.50	13.39	13.53	21.27	92.44
" 4	Dolgelley (Bronygader)	6.34	1.74	4.25	7.29	1.39	3.32	4.65	.81	.83	9.40	9.42	12.22	61.66
" 5	Aberdovey (Plâs Penhelig)	5.16	1.31	2.82	4.77	1.11	3.06	3.64	1.28	.43	5.88	6.85	6.75	43.06
Caernarvonshire 2	Llandudno (Cricket Ground)	4.65	.15	.77	3.35	1.37	1.03	1.61	.68	.57	3.97	4.31	4.46	26.92
" 4	Pwllheli (West End)	4.02	.49	1.92	2.91	2.36	2.76	2.54	.28	.31	6.15	8.86	7.02	39.62
" 5	Snowdon (Cwm Dylli)	12.71	5.78	8.25	9.20	2.54	6.16	7.97	1.98	1.67	15.25	18.30	26.03	115.84
Anglesey	Holyhead (Valley Airfield)	4.36	.66	1.52	2.14	1.74	1.61	1.07	.19	.81	5.24	7.36	6.14	32.83
"	Llanerchymedd (Llwydiarth Esgob)	5.03	1.03	1.65	3.16	1.57	2.00	1.92	.38	.79	5.53	8.10	6.00	37.16
Isle of Man	Douglas (Borough Cemetery)	3.64	1.43	3.03	2.53	.97	2.77	2.35	.29	1.35	5.05	7.12	9.99	40.52
"	Sulby (Filter House)	3.48	1.05	4.33	3.34	.80	2.02	2.28	.88	1.74	5.38	7.41	10.88	43.59
Channel Islands	St. Peter's (Jersey Airport)	4.79	.10	1.97	2.88	1.74	.58	.67	1.84	.51	3.27	4.65	7.02	30.02
"	Guernsey (States Airport)	5.14	.28	2.20	3.20	1.09	.74	2.67	3.42	.29	3.97	5.09	8.52	36.61
SCOTLAND														
Wigtownshire 1	Castle Kennedy (Lochinch)	2.47	2.06	3.45	3.29	.93	2.58	2.52	.85	2.68	6.64	5.31	9.12	41.90
" 3	Port William (Monreith)	1.69	1.75	2.80	2.92	1.04	2.82	2.22	.52	2.38	4.83	5.13	6.61	34.71
" 4	Newton Stewart (Little Barraer)	2.27	1.71	3.65	3.39	1.84	2.94	2.85	.68	2.47	6.39	5.31	8.38	41.88
Kirkcudbrightshire 3	Mossdale (Hensol)	2.97	1.74	4.09	3.56	1.05	3.61	4.38	.80	1.74	5.78	8.15	11.30	49.17
" 4	Auchencraigh (Torr House)	1.98	1.79	3.29	3.79	.95	3.70	3.45	.73	2.27	5.20	9.65	9.16	45.96
" 5	Lochrutton (Dumfries Waterworks)	1.96	1.50	3.02	3.46	.72	3.92	3.69	.69	1.62	5.79	8.85	9.10	44.32
Dumfriesshire 3	Dumfries (Crichton Royal Institute)	1.80	1.11	3.08	3.00	.80	3.21	2.55	.69	1.52	4.89	6.69	7.25	36.59
" 3	Durrisdeer (Drumlanrig)	2.46	1.69	3.33	3.82	1.04	3.08	4.86	.75	1.56	6.25	8.27	8.31	45.42
" 4	Moffat (St. Margaret's)	2.78	1.90	4.87	4.06	1.39	4.34	5.28	1.17	1.44	7.22	10.64	9.94	55.03
" 5	Canobie (Irvine House)	3.45	1.38	2.49	3.80	2.80	3.70	4.24	.84	1.89	5.23	6.89	8.08	44.79
" 5	Eskdalemuir Observatory	4.01	2.05	4.14	4.60	3.02	3.93	5.33	.97	1.81	6.34	10.17	9.21	55.58
Roxburghshire 3	Hawick (Wauchope)	2.23	1.07	1.24	2.83	.74	2.94	2.36	.98	.79	2.90	5.98	5.88	29.94
" 3	Crailing	1.64	.58	.78	1.69	.38	2.52	1.92	.39	1.04	1.66	4.34	3.12	20.06
Selkirkshire 2	Stobo Castle	2.14	.81	1.74	3.00	.88	2.26	2.52	.78	1.03	3.24	6.06	3.97	28.43
Peeblesshire 2	Marchmont House	1.54	1.02	1.76	3.02	1.78	2.41	3.16	.96	.97	4.07	6.64	5.75	33.08
Berwickshire 4	Oxton (Channellkirk School)	1.56	.55	.75	1.96	.43	2.62	2.16	.42	.57	2.51	4.90	3.25	21.67
" 4	North Berwick (East Lodge)	1.21	.58	1.16	2.29	.56	2.16	2.05	.56	.62	2.58	5.90	2.71	22.31
East Lothian 5	Moortfoot Hills (Rosebery)	.58	.32	.38	1.66	.56	2.22	2.36	.47	.59	1.46	3.75	3.17	17.52
Midlothian 4	Westfoot Hills (Addiewell)	1.23	.56	.88	2.07	.58	1.79	2.91	.66	.51	2.82	5.53	4.05	23.59
" 5	West Calder (Addiewell)	1.17	1.19	1.60	2.31	1.37	2.71	3.93	1.14	.71	3.58	6.22	4.20	30.13
" 5	Edinburgh (Blackford Hill)	.90	.53	.39	1.87	.41	1.99	2.45	.40	.47	1.66	4.45	2.52	18.04

Table 8C. Monthly and Annual Rainfall, 1959—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Lanarkshire.....4	Crawford (Camps Reservoir).....	2.32	1.40	3.24	3.73	1.29	3.23	4.94	1.07	1.30	6.49	8.69	7.10	44.80
".....4	Carnwath.....	1.08	.88	1.57	2.57	2.00	2.60	3.26	.54	.88	3.19	5.64	3.94	27.35
".....4	Glasgow (Springburn Park).....	1.41	1.70	1.60	2.16	1.22	2.80	5.23	.68	1.38	4.49	5.44	6.10	34.21
".....5	Strathaven (Glengavel Res.).....	1.54	3.13	2.90	3.82	2.10	4.22	7.70	1.45	1.47	8.47	7.42	7.45	51.67
".....5	Hamilton Waterworks (Townhill)...	1.08	1.36	1.56	2.03	1.29	2.68	3.96	.69	.70	4.28	4.32	5.00	28.95
Ayrshire.....3	Prestwick Airport.....	1.19	1.47	1.79	1.57	1.16	3.22	4.40	.35	1.43	5.61	3.93	4.26	30.38
".....3	Kilmarnock (Springhill House).....	1.03	2.07	2.48	2.03	1.96	3.44	5.80	.68	1.27	6.12	4.18	5.36	36.42
".....5	Loch Recawr.....	4.60	3.90	5.40	7.60	3.10	5.20	6.00	1.50	2.00	11.40	7.30	13.40	71.40
".....5	Maybole (Otterden).....	1.42	2.05	2.65	2.19	1.58	3.32	4.32	1.05	2.11	5.03	4.38	5.50	35.60
".....8	Colmonell (Knockdolian).....	1.73	1.85	3.79	2.65	1.63	2.78	2.80	1.04	2.02	6.76	4.62	6.63	38.30
".....13	Glen Afton (Ayrshire Sanatorium)...	2.46	1.92	4.07	4.72	1.56	3.11	5.48	1.37	1.73	8.57	7.50	9.40	51.89
Renfrewshire.....3	Greenock (Prospect Hill).....	2.08	2.43	3.85	4.86	1.37	3.61	7.21	1.74	1.71	7.07	7.12	10.63	53.68
Stirlingshire.....1	Falkirk (Arnotdale).....	1.14	1.16	1.67	3.16	1.08	2.05	4.85	.71	.89	2.98	5.52	5.12	30.33
".....1	Stirling (Sauchie House).....	1.58	1.31	1.95	3.27	1.19	1.94	5.64	.94	.79	3.08	4.30	6.13	32.12
".....4	Balfour (Old Ballikinrain).....	1.83	1.90	3.47	4.13	1.02	3.64	5.90	1.27	1.40	4.64	6.49	8.81	44.50
Buteshire.....2	Millport (Marine Biological Stn.)...	1.92	2.26	3.05	2.93	1.34	3.80	5.10	.79	1.61	5.89	5.25	7.77	41.71
".....3	Dougarie Lodge.....	2.40	1.73	3.92	3.00	2.05	2.74	5.02	1.18	2.02	7.00	6.20	9.98	47.24
Argyllshire.....2	Morvern (Drimmin).....	3.63	2.36	5.49	4.42	1.24	4.21	6.90	2.71	2.91	8.03	8.88	9.78	60.56
".....3	Morvern (Kingairloch).....	4.90	6.10	8.81	8.15	2.53	6.15	11.63	5.88	3.56	14.16	14.88	19.50	106.25
".....4	Glenleven (Kinlochleven).....	3.82	5.64	7.22	7.96	3.26	6.48	8.94	7.71	3.04	10.19	12.50	13.92	90.68
".....5	Glen Etive (Dalness).....	4.53	7.95	5.60	8.85	2.69	7.34	11.83	10.95	4.59	13.11	12.81	13.95	104.20
".....6	Dalmally (Craig).....	1.57	4.72	5.10	4.80	2.33	3.46	6.62	4.34	2.86	6.74	6.89	9.69	59.12
".....6	Bridge of Orchy.....	3.60	6.61	9.49	6.52	3.15	5.41	8.93	6.09	2.51	10.62	12.39	14.98	90.30
".....7	Kilmelfort (Kilchoan).....	1.76	1.89	4.24	4.23	1.25	4.00	8.44	2.66	3.09	8.14	7.43	8.95	56.08
".....7	Oban.....	1.92	2.83	3.89	4.60	1.91	3.89	7.44	2.91	2.38	6.13	8.04	9.45	55.39
".....7	Loch Caolisport (Ormsary).....	1.51	1.42	4.36	4.31	1.54	3.12	7.26	1.75	2.23	5.99	6.18	11.27	50.94
".....9	Largie Castle.....	2.49	1.56	3.78	3.44	1.58	2.66	4.90	1.30	2.28	7.34	7.42	11.05	49.80
".....11	Ardrisaig (Canal Office).....	2.01	2.03	5.08	4.64	1.69	4.83	8.15	1.90	2.52	8.93	6.88	10.24	58.90
".....11	Inveraray Castle Gardens.....	4.98	4.45	5.12	6.17	2.77	4.74	9.24	3.00	3.85	11.06	10.09	14.38	79.85
".....12	Loch Eck (Benmore Gardens).....	3.45	3.90	6.57	8.52	2.81	4.81	9.34	2.56	2.67	9.57	9.06	15.14	78.40
".....13	Loch Sloy (Beinn Ime "North")...	4.98	6.65	13.47	11.01	4.60	7.86	15.88	9.93	4.04	14.44	15.69	21.34	129.89
".....14	Islay (Eallabus).....	2.35	1.33	3.42	4.16	1.55	2.46	6.07	1.65	1.57	6.94	6.46	9.61	47.57
".....14	Jura (Ardlussa).....	1.49	1.75	3.57	4.33	1.13	3.71	8.36	1.56	2.51	5.52	7.96	8.41	50.33
".....14	Colonsay.....	1.71	1.18	4.03	3.32	1.34	3.24	5.78	2.53	1.93	5.83	6.01	7.60	44.47
".....14	Iona (Cnocmor).....	2.22	1.32	4.16	3.10	1.87	2.61	5.63	1.76	1.95	5.66	5.09	6.93	42.30
".....14	Mull (White House of Aros).....	2.75	2.15	5.45	5.15	1.25	3.80	7.20	3.20	2.85	7.45	7.68	10.17	59.10
".....14	Tiree Airport.....	2.08	1.19	3.44	3.08	.68	2.69	5.28	1.40	2.12	5.85	5.30	6.89	40.00

Table 8C. Monthly and Annual Rainfall, 1959—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Kinross-shire 2	Loch Leven Sluice	1.47	1.03	1.64	2.95	.80	2.50	4.31	.73	.74	2.94	6.89	5.61	31.61
Fife-shire 2	Arncroach (Belliston) . . . . .	.93	.38	.82	2.64	.36	2.95	3.10	.41	.75	1.66	5.07	4.86	23.93
" 3	Leuchars Airfield . . . . .	.88	.22	1.05	2.07	.56	1.95	3.30	.77	.44	1.30	4.97	5.01	22.52
Perthshire 1	Loch Dhu	3.55	3.44	6.68	6.20	2.04	4.19	7.19	2.76	1.85	8.93	9.57	15.06	71.46
" 3	Strathyre	3.76	1.62	6.85	6.19	1.45	3.67	5.56	3.45	1.57	8.17	10.99	15.98	69.26
" 4	Glendevon (Glenquey Reservoir)	2.04	3.09	4.62	4.12	.78	3.68	7.33	2.63	1.40	5.93	9.37	10.46	55.45
" 7	Crieff (Strathearn Hydro)	1.76	1.10	2.73	3.30	1.36	2.33	5.27	.97	.71	3.56	6.24	6.91	36.24
" 7	Loch Turret (Lochan Uaine)	3.35	2.50	6.55	4.50	1.90	2.60	7.15	3.25	1.65	7.40	12.15	15.05	68.05
" 8	Perth (Wellshill Cemetery)	1.06	.75	1.55	2.41	.69	1.72	4.25	.53	.56	2.25	4.82	6.10	26.69
" 11	Aberfeldy (Tigh'n Eilean)	1.58	.71	3.50	3.22	1.26	1.57	3.18	1.31	.90	5.61	5.55	10.40	38.79
" 12	Killin (Kinnell Gardens)	2.34	2.52	5.84	5.41	1.91	2.93	4.36	3.22	1.12	6.95	7.71	10.67	54.98
" 13	Glenlyon (Meggernie Castle)	3.59	2.82	6.10	5.59	5.60	4.81	4.90	3.01	1.07	7.88	7.80	10.86	64.03
" 14	Fincastle House	2.26	.74	2.83	3.24	1.02	2.15	4.41	1.55	1.14	5.15	4.93	6.61	36.03
" 14	Ericht Dam	3.11	2.82	4.19	3.91	1.43	3.82	5.17	3.58	1.67	6.97	6.10	8.50	51.27
" 15	Blaigowrie (Burnhead)	1.24	.58	2.04	2.57	1.02	3.19	3.51	.66	.99	3.10	5.90	6.24	31.04
" 15	Kirkmichael (Woodhill)	1.68	.63	3.65	3.53	1.59	2.07	4.35	1.09	.96	4.40	5.56	8.43	37.94
" 15	Glenshee Lodge	2.60	.86	4.43	3.52	1.32	4.15	4.50	1.83	1.11	6.25	8.19	12.63	51.39
Angus 1	Glamis Castle	1.42	.42	2.70	2.93	.96	2.30	3.28	1.12	.67	2.64	6.56	7.29	31.99
" 1	Kirriemuir (Balnakeilly)	1.69	.55	2.40	4.00	.90	2.60	3.90	1.20	.85	3.30	5.90	7.20	34.79
" 3	Arbroath (Springfield Park) . . . . .	.94	.10	.81	2.18	.89	2.39	2.05	.58	.45	1.95	3.50	4.68	20.52
" 3	Forfar Waterworks (Den of Ogil)	2.27	.48	2.61	2.74	1.31	3.91	3.39	1.05	.73	3.23	7.60	7.59	36.91
" 4	Montrose (Royal Mental Hospital)	1.14	.21	1.25	1.93	.67	3.53	2.69	.44	.68	3.08	5.31	5.07	26.94
" 4	Loch Lee (Inchgrundle)	4.46	.99	4.04	4.11	1.19	2.30	3.39	2.05	.62	5.19	10.57	12.16	51.07
Kincardineshire 2	Stonehaven	1.95	.24	1.02	3.04	2.19	1.47	1.87	.42	.58	3.02	4.92	4.46	25.18
" 3	Strachan (Bridge of Dye)	2.85	.35	2.88	3.84	2.55	3.20	2.84	.97	.87	4.27	11.72	11.79	48.13
Aberdeenshire 1	Braemar (Bank)	2.22	.39	1.93	2.65	1.20	2.07	2.79	1.53	.64	5.09	6.43	6.18	33.12
" 1	Glen Gairn (Gairn Shiel Lodge)	3.85	.38	1.26	1.97	.98	2.08	3.20	1.24	.61	5.16	6.60	5.25	32.58
" 1	Lumphanan	2.75	.30	1.18	2.36	1.32	2.56	1.88	.84	.65	4.14	7.11	5.81	30.90
" 2	Dyce (Craibstone)	2.53	.32	1.52	3.08	1.66	1.88	1.67	.78	.62	3.94	4.99	4.50	27.49
" 3	Haddo House	4.21	.49	1.25	1.91	1.26	1.48	1.70	1.16	.98	4.59	6.24	4.20	29.47
" 4	New Deer (School House)	5.04	.56	1.76	1.99	1.02	1.15	2.69	1.48	1.09	4.32	6.48	3.85	31.43
" 4	Peterhead (Forehill Works)	4.38	.28	1.55	2.06	1.11	1.09	2.07	1.14	.89	4.31	5.13	4.01	28.02
" 5	Turriff (Muireask House)	5.17	.40	1.39	2.13	.92	1.79	2.62	1.23	1.08	4.90	5.71	3.03	30.37
Banffshire 2	Cabrach Manse	4.06	.47	1.26	2.38	1.41	2.09	3.62	1.36	.69	5.06	8.26	4.93	35.59
" 2	Drummuir Castle	5.44	.42	.94	2.34	1.15	1.44	2.92	1.24	.78	4.47	6.00	3.75	30.89
" 3	Ballindalloch	3.94	.56	.72	1.42	.95	2.38	2.42	.94	.82	3.98	4.68	2.57	25.38
Morayshire 2	Fochabers (Gordon Castle)	3.55	.37	.92	1.75	.58	1.53	2.79	1.17	.96	3.96	3.77	2.06	23.41
" 5	Kinloss Airfield	3.07	.44	1.15	1.83	.74	2.19	1.74	.90	.73	2.81	2.05	1.25	18.90

Table 8c. Monthly and Annual Rainfall, 1959—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Nairnshire.....	Nairn (Achareidh).....	2.26	.54	1.25	2.69	.58	2.08	2.45	.99	.65	2.79	2.78	1.41	20.47
Inverness-shire....	Dalwhinnie.....	3.07	2.03	3.82	3.43	1.76	3.29	4.04	3.57	.74	7.43	6.37	9.17	48.72
"	Loch Morlich (Glenmore Lodge)...	3.12	.72	1.73	2.81	1.36	2.65	2.57	1.24	.55	5.63	5.64	5.25	33.27
"	Carrbridge (Braeval).....	3.45	.68	.95	1.71	1.28	2.74	2.16	.70	.52	3.48	3.66	2.36	23.69
"	Strath Dearn (Coignafearn Lodge)...	5.53	1.50	2.82	4.36	1.44	3.29	3.49	1.57	.34	7.60	7.42	5.45	44.81
"	Fort Augustus (Auchterawe).....	3.16	2.73	2.59	4.13	1.63	3.39	3.95	2.55	1.16	6.54	6.54	6.79	45.16
"	Loch Ness (Garthbeg).....	3.22	1.65	1.51	2.92	1.89	2.74	2.99	2.69	.65	4.46	5.17	4.40	34.29
"	Glen Garry (Kingle Camp).....	3.81	6.06	6.08	6.70	2.55	6.98	8.57	5.03	3.48	11.66	10.23	12.13	83.28
"	The Aird (Teanaicoll).....	2.92	1.25	1.40	4.13	1.48	1.45	3.08	2.17	.61	3.77	3.32	3.18	28.76
"	Cannich (Fasnakyle).....	3.12	1.71	1.68	4.19	.97	2.44	4.05	2.04	.83	5.73	5.54	5.01	37.31
"	Loch Nevis (Inverie Gardens).....	7.79	4.39	6.99	4.83	1.70	5.98	10.28	7.22	4.28	11.89	9.08	10.21	84.64
"	Loch Ailort (Inverailort).....	4.36	3.59	8.88	5.92	2.30	6.28	10.18	6.04	4.59	11.19	13.29	11.93	88.55
"	Loch Treig (Fersit).....	4.55	4.68	5.16	5.80	1.55	4.47	5.25	3.80	1.35	7.21	9.19	11.70	66.71
"	Fort William (Secondary School)...	3.00	6.20	6.23	6.00	1.44	6.57	7.79	5.74	3.13	9.92	10.46	11.99	78.47
"	Rhum (Kinloch Castle).....	7.02	4.09	8.67	6.48	1.62	7.28	12.76	6.87	6.09	11.74	14.02	18.10	104.74
"	Skye (Grula).....	6.92	3.22	6.86	6.13	1.76	5.18	10.88	6.32	6.18	10.99	11.06	13.87	89.37
"	Skye (Duntulm, Kilmuir).....	5.38	3.00	3.26	4.74	1.22	4.15	7.18	4.21	3.59	6.26	8.24	8.55	59.78
"	Benbecula Airport.....	5.28	1.77	3.39	4.47	.89	3.53	5.22	2.79	2.59	6.29	6.51	6.65	49.38
"	Harris (Kyles Lodge).....	5.92	2.04	3.06	5.43	1.00	3.37	5.04	3.42	3.24	5.79	7.71	5.79	51.81
Ross and Cromarty	Fortrose.....	2.80	.56	1.57	2.77	.67	2.06	2.63	1.23	.65	2.97	2.84	1.28	22.03
"	Fearn (Geanies).....	3.08	.35	2.27	2.46	.91	.96	2.98	1.15	1.03	2.55	3.23	1.15	22.12
"	Muir of Ord (Fairburn).....	3.61	1.11	2.17	5.08	1.48	1.93	3.36	2.38	.81	4.19	3.95	3.21	33.28
"	Lochluichart (The Manse).....	4.70	1.67	2.61	4.14	1.63	3.33	5.01	3.33	1.54	5.80	5.31	4.05	43.12
"	Alness (Ardross School).....	5.41	.94	1.62	4.40	.97	1.61	3.42	1.34	.68	3.71	4.60	2.35	31.05
"	Inverbroom (Glackour).....	7.31	3.06	2.43	5.83	1.93	4.74	7.35	3.17	1.94	8.92	7.55	6.27	60.50
"	Strath Kanaid (Power Station).....	8.99	2.56	2.63	5.73	2.74	3.96	9.03	4.03	2.19	7.60	5.48	3.28	58.22
"	Loch Maree (Letterewe).....	6.71	2.93	3.13	6.10	2.66	6.50	9.91	5.66	2.90	13.14	9.37	9.51	78.52
"	Inverasdale (Midtown).....	7.09	3.21	3.66	4.94	1.82	6.30	8.15	6.90	3.90	9.38	6.63	9.17	71.15
"	Loch Duich (Ratagan).....	4.42	5.66	6.76	6.57	2.59	8.10	9.64	8.17	3.76	11.88	10.65	10.83	89.03
"	Applecross (Miltown).....	4.80	2.63	3.63	4.10	1.42	3.96	7.67	3.61	3.02	7.27	7.43	8.57	58.11
"	Achnashellach.....	6.71	4.53	5.47	7.43	3.32	6.70	11.16	7.09	4.93	11.51	9.41	9.41	87.67
"	Stornoway Airport.....	7.56	2.12	2.01	5.36	1.41	2.93	4.05	2.86	2.74	5.63	6.83	5.35	48.85
Sutherland.....	Glenrossal.....	5.84	1.25	1.73	4.03	2.44	2.39	3.99	2.58	1.98	5.90	4.97	3.06	41.16
"	Overscaig.....	6.24	2.98	1.91	4.81	2.72	5.28	6.43	3.37	3.03	9.24	7.09	5.40	58.50
"	Brora (Uppat).....	6.81	1.06	1.71	2.25	1.57	1.22	3.14	1.92	1.33	3.98	3.86	1.85	30.67
"	Kinbrace (The Hatchery).....	4.83	.77	1.45	2.67	1.59	1.08	2.57	1.80	1.39	5.25	7.13	4.80	35.33
"	Loch Choir Lodge.....	5.52	1.99	1.73	4.12	2.40	2.88	4.05	3.15	1.60	6.65	7.53	7.72	49.34
"	Tongue.....	7.59	1.09	1.24	3.59	1.97	1.98	6.05	2.64	1.62	5.10	5.15	3.16	41.18

Table 8C. Monthly and Annual Rainfall, 1959—SCOTLAND (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Sutherland.....	Strathly (Bowside).....	9.65	.70	1.40	2.76	2.54	1.64	4.03	3.24	1.73	4.90	6.71	3.95	43.25
"	Cape Wrath.....	7.48	1.71	2.26	2.87	2.28	4.03	5.41	4.54	3.22	6.10	4.09	4.74	48.73
"	Lochinver (Bank House).....	7.05	1.59	2.21	3.44	2.40	5.15	6.07	4.05	2.69	6.68	5.37	5.07	51.77
Caithness.....	Berrisdale (Langwell).....	6.88	.65	1.78	1.97	1.15	1.57	2.95	1.38	1.09	5.06	5.89	1.60	31.97
"	Wick Airport.....	7.59	.33	1.67	1.94	1.52	1.46	2.71	1.98	1.03	4.01	4.27	3.14	31.65
"	Halkirk (Olgrinbeg Power Station).....	8.19	.69	1.34	2.09	2.44	1.41	2.85	1.85	1.57	3.96	6.01	4.33	36.73
Orkney.....	Stenness.....	6.87	1.23	1.30	2.45	2.21	2.39	3.49	2.36	1.52	4.92	6.25	5.52	40.51
"	Sanday (Start Point).....	4.54	1.16	1.06	2.48	1.91	2.17	1.82	1.87	.86	5.24	4.50	6.19	33.80
Shetland.....	Lerwick Observatory.....	3.78	1.24	1.61	3.01	1.47	2.70	2.28	2.06	1.33	3.81	5.61	7.26	36.16
"	Baltasound (Hallgarth).....	4.45	1.82	1.64	3.40	1.27	2.76	2.80	2.48	1.55	3.71	5.94	8.13	39.95
NORTHERN IRELAND														
Fermanagh.....	Newtownbutler (Crom Castle).....	2.81	1.32	3.15	3.24	1.82	2.21	3.61	1.24	2.48	6.29	4.28	6.88	39.33
"	Enniskillen (Bellevue).....	2.53	2.89	2.82	2.98	1.86	2.64	2.90	.97	2.02	5.76	4.02	6.45	35.84
"	Belleek.....	3.08	1.33	2.81	3.84	1.42	3.50	4.15	2.62	2.07	7.85	6.27	5.76	44.70
"	Irvinestown (R.U.C.).....	2.50	1.91	2.93	3.47	1.86	2.90	4.10	1.19	1.99	5.63	5.30	5.43	39.21
Armagh.....	Armagh Observatory.....	2.20	1.01	2.34	2.90	1.32	1.99	3.31	1.02	1.59	3.92	3.22	4.57	29.39
Down.....	Newry (Bridge Street House).....	2.71	1.32	3.74	2.12	1.61	1.37	4.94	1.02	1.95	6.44	4.42	7.42	39.06
"	Silent Valley (Belfast Waterworks).....	3.67	1.83	3.84	2.63	1.48	2.17	2.67	1.06	3.27	6.75	6.43	10.43	46.23
"	Seaford.....	2.36	1.08	4.43	3.19	1.91	2.89	2.61	.56	2.45	3.92	3.91	5.60	34.91
"	Ballywalter Park.....	2.44	1.19	2.61	2.67	1.37	2.77	2.31	1.16	1.35	3.28	3.42	4.89	29.46
"	Hillsborough (Ag. Research Inst.).....	2.05	1.10	2.61	2.36	1.31	2.44	3.71	.92	1.64	3.94	3.60	5.17	30.85
"	Ballysallagh Reservoir.....	2.11	.98	2.91	2.87	1.19	2.90	2.41	1.44	1.38	3.60	4.14	5.62	31.55
Antrim.....	Belfast (Sewage Works).....	1.84	.91	2.34	2.19	1.87	2.24	3.06	.98	1.24	3.66	3.57	6.18	30.08
"	Larne (Ballycarry).....	2.74	.97	2.55	2.24	.93	2.02	2.99	1.24	1.37	4.03	3.81	6.19	31.08
"	Cloughmills (Altnahinch).....	6.10	1.88	4.30	4.50	1.65	2.30	5.25	1.70	1.83	5.45	7.55	9.35	51.86
"	Ballycastle (Coolgreany).....	2.57	1.14	2.62	3.31	1.46	1.68	4.17	1.16	1.19	4.52	4.34	6.64	34.80
"	Aldergrove Airfield.....	1.97	1.23	2.58	1.97	.96	1.59	4.10	.91	1.65	4.02	3.08	5.27	29.33
"	Ballymena (Harryville).....	2.73	1.19	2.50	2.78	1.37	1.61	3.30	.77	1.70	5.16	3.70	6.74	33.55
"	Garvagh (Moneydig).....	2.94	.74	3.06	3.27	1.72	2.75	3.26	1.08	1.18	4.89	3.67	5.21	33.77
Londonderry.....	Coleraine (The Cutts).....	3.34	.78	2.64	4.59	1.18	2.15	4.86	.79	1.25	4.80	4.29	4.79	35.46
"	Glendora Lodge.....	3.30	2.15	4.90	5.72	1.35	3.40	4.82	2.63	1.52	6.67	9.12	10.35	55.93
"	Londonderry (Creggan Reservoir).....	3.56	.94	2.71	4.28	.99	2.14	3.88	1.62	1.25	4.83	5.28	4.21	35.69
Tyrone.....	Dungannon Park.....	2.09	1.17	2.80	3.59	1.17	2.95	3.14	.97	1.49	4.50	4.68	5.20	33.75
"	Cookstown (Loughery Agric. Coll.).....	2.52	.97	3.28	3.41	1.23	2.41	3.93	1.23	1.54	4.68	3.96	6.49	35.65
"	Omagh (Edenfel).....	2.53	1.52	3.42	3.75	1.25	2.86	3.63	1.63	1.57	5.64	4.71	5.69	38.19
"	Sion Mills (Sion House).....	2.41	.95	2.56	3.50	1.25	2.00	3.15	1.51	1.42	5.17	5.74	6.51	36.17

Table 8c. Monthly and Annual Rainfall in Great Britain and Northern Ireland in 1960
ENGLAND, WALES AND THE ISLANDS

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
London.....2	St. Pancras (Camden Square).....	1·66	2·46	1·68	·64	1·93	1·72	3·07	2·90	5·22	5·61	4·23	2·39	33·51
Surrey.....5	Mickleham (Juniper Hall).....	2·88	2·18	1·66	·91	1·94	1·76	2·67	3·38	2·59	7·28	5·06	3·62	35·93
".....6	Godalming (Borough Road P.S.)...	3·15	2·52	1·38	·92	1·42	1·52	2·95	3·32	3·33	7·20	4·77	3·63	36·11
Kent.....1	Dover (Waterloo Crescent).....	4·25	1·69	1·86	1·22	2·52	2·21	3·33	3·31	2·62	7·55	7·12	6·14	43·82
".....2	Ashford.....	3·72	2·21	1·69	·71	1·68	1·01	2·53	4·83	2·56	7·34	5·59	4·25	38·12
".....3	Herne Bay.....	2·31	1·83	1·41	·72	1·97	1·60	2·78	2·75	2·81	6·11	3·78	2·79	30·86
".....4	Goudhurst (Bedgebury Forest).....	3·26	2·87	3·00	1·01	2·40	1·75	4·23	5·28	3·75	8·68	7·75	4·23	48·21
".....4	Edenbridge (Falconhurst).....	3·79	2·87	2·22	·59	1·85	2·01	4·22	5·57	2·75	7·85	6·41	3·77	43·90
".....4	East Malling (Research Station)...	2·56	1·89	1·22	·72	2·22	1·12	3·69	4·31	4·11	6·05	4·91	3·15	35·95
".....4	Strood (Waterworks).....	2·63	1·96	1·43	·49	2·43	1·41	2·59	3·85	3·80	5·52	3·72	2·55	32·38
".....5	Bromley.....	1·86	1·75	1·89	·51	1·88	1·28	3·13	4·01	4·28	5·40	3·94	2·66	32·59
Sussex.....1	Bognor Regis (Waterloo Square)...	2·93	3·51	2·23	·82	1·42	1·16	3·96	5·63	5·34	6·52	5·72	4·03	43·27
".....1	West Dean Park.....	4·05	4·01	2·65	1·04	1·35	2·22	4·11	4·53	5·28	9·92	8·02	5·38	52·56
".....2	Horsham (Sewage Disposal Works)...	3·09	2·45	1·59	·93	1·45	1·70	3·43	4·12	3·58	6·82	6·17	3·51	38·84
".....3	Worthing (Beach House Park).....	2·55	3·03	1·94	·65	1·87	1·44	2·81	5·36	4·81	7·57	5·66	3·74	41·43
".....4	Horsted Keynes (Holywell P.S.)...	3·59	2·51	2·62	·90	1·37	1·88	4·33	5·02	2·82	8·13	6·12	4·08	43·37
".....5	Hastings (White Rock).....	3·59	2·24	2·37	1·20	3·18	1·98	2·10	4·28	2·52	6·40	6·62	4·88	41·36
Hampshire.....1	St. Catherine's Point Lighthouse....	4·74	2·71	2·08	1·30	2·43	1·24	3·60	5·19	5·83	7·43	6·72	4·94	48·21
".....4	Everton (Efford).....	3·34	2·92	1·90	1·25	1·57	3·60	4·12	4·72	5·86	8·22	5·08	3·51	46·09
".....4	Southampton (East Park).....	4·04	2·97	2·11	1·24	1·44	2·44	4·46	5·99	4·85	7·10	5·34	3·93	45·91
".....4	Overton.....	4·79	2·66	1·59	1·06	1·36	3·09	4·19	3·42	3·92	9·06	4·30	3·92	43·36
".....5	Winchester (Recreation Ground)...	4·43	2·98	1·57	1·22	1·06	3·11	5·05	4·86	4·50	9·20	5·35	4·56	47·89
".....8	South Farnborough (R.A.E.).....	2·83	2·48	1·48	·63	1·36	1·42	2·39	3·53	2·98	7·53	4·31	3·11	34·05
Berkshire.....4	Woolhampton (Douai Abbey).....	3·24	2·23	1·30	·71	1·72	1·86	3·03	2·20	4·02	8·43	3·65	3·66	36·05
".....5	Didcot (Sewage Works).....	3·25	1·67	·87	·58	2·01	3·32	3·16	3·02	3·19	5·54	3·41	4·34	34·36
Middlesex.....1	Weybridge (Shepperton Lock).....	2·12	1·95	·63	·63	1·93	2·15	2·94	2·76	2·24	6·60	3·92	2·34	30·87
Hertfordshire.....2	Harpenden (Rothamsted).....	2·66	2·45	1·61	·54	1·52	1·71	3·03	3·40	3·76	6·23	4·19	3·66	34·76
".....3	Meesden.....	2·50	1·71	1·13	·45	1·28	2·06	2·79	2·90	4·67	5·98	2·84	3·25	31·56
Buckinghamshire.....2	Princes Risborough (Res. Lab.).....	2·80	2·46	1·09	·59	1·83	2·83	3·55	3·59	4·71	5·34	4·01	3·49	36·29
".....2	Aylesbury (Sewage Works).....	2·38	1·66	·81	·61	1·33	1·77	4·68	2·46	3·50	4·96	3·44	3·73	31·33
".....3	Slough (Upton).....	2·06	2·03	1·21	·54	1·78	1·70	4·02	2·75	3·22	7·96	4·29	2·42	33·98
".....5	Buckingham (Foxcote Pump. Stn.)...	3·40	2·55	·98	·55	1·76	2·34	3·33	4·16	3·26	5·23	3·84	3·28	34·68
Oxfordshire.....3	Oxford (Radcliffe Met. Station).....	3·22	2·00	·97	·66	2·42	4·36	4·33	1·97	4·12	5·45	4·17	4·22	37·89
".....3	North Newington (Orchard House)...	4·43	2·20	1·05	·78	1·35	3·99	4·36	5·48	4·11	5·40	3·84	3·39	40·38
Northamptonshire.....4	Wellingborough (Swanspool).....	3·12	1·84	1·76	·47	1·24	2·29	3·17	3·13	4·31	4·51	3·32	2·77	31·93
".....4	Ravensthorpe.....	3·82	1·54	1·39	·59	1·30	2·80	3·66	3·44	3·63	5·48	3·03	2·65	33·33
Huntingdonshire.....1	St. Ives (Market Lane).....	2·00	1·21	1·61	·26	1·05	2·23	2·34	3·24	3·82	4·55	2·66	2·64	27·61
".....1	Whittlesea Mere.....	2·70	1·56	1·95	·34	1·02	2·36	2·59	2·22	3·53	4·68	3·01	3·02	28·98

Table 8C. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Bedfordshire.....3	Woburn (Experimental Farm).....	2.89	2.23	1.71	.40	1.19	3.73	3.15	3.19	3.51	4.48	3.00	3.66	33.14
".....3	Sandy (Moggerhanger Park).....	2.32	1.93	1.33	.30	1.06	2.07	2.99	4.14	3.77	4.22	3.60	2.92	30.65
Cambridgeshire...2	Cambridge (Botanic Gardens).....	1.99	1.09	1.60	.28	.82	2.01	3.33	2.97	3.86	4.22	3.35	3.00	28.52
".....2	Littleport (Highfield House).....	2.12	1.02	1.25	.27	.69	1.90	2.97	2.61	2.89	3.50	3.39	2.60	25.21
".....2	March.....	2.72	1.45	1.57	.32	.71	2.34	2.88	2.24	2.33	4.45	3.18	3.39	27.58
Essex.....1	Hatfield Broad Oak (Barrington)...	2.06	1.75	1.03	.52	1.73	1.50	2.78	3.35	5.72	5.60	3.16	2.90	32.10
".....3	Shoeburyness.....	1.85	1.05	1.29	.45	2.19	2.08	2.13	3.39	4.38	5.92	3.14	2.53	30.40
".....3	Basildon (New Town).....	1.62	1.49	1.11	.53	2.31	1.30	2.65	2.82	4.58	5.50	3.12	2.13	29.16
".....4	Margaretting (Writtle Park).....	1.46	2.10	1.10	.37	2.47	1.72	2.85	3.29	5.19	6.00	3.57	2.81	32.93
".....4	Bradwell-on-Sea (Bellropes).....	2.04	1.87	1.30	.36	1.60	1.43	3.86	3.16	4.08	6.21	3.15	2.15	31.21
".....5	Earl's Colne (Grammar School).....	2.00	1.35	1.50	.45	1.36	1.31	4.34	2.60	3.28	5.70	3.39	2.55	29.83
Suffolk.....1	Clare (Little Wratting).....	2.31	1.30	1.71	.38	.81	1.71	4.08	4.03	3.65	5.79	2.81	3.15	31.73
".....2	Ipswich (Belstead Hall).....	2.71	1.35	1.61	.46	.60	.88	3.46	3.38	2.56	5.51	3.29	2.96	28.77
".....3	Felixstowe.....	2.63	1.01	1.78	.54	.89	.70	3.25	3.32	3.01	6.10	3.31	3.19	29.73
".....4	Lowestoft (Secondary School).....	4.10	1.14	1.39	.51	.37	1.36	3.17	2.91	5.67	7.16	3.23	3.97	34.98
".....5	Bury St. Edmunds (Westley Hall)...	2.53	1.26	1.35	.42	.47	3.94	3.70	4.69	3.45	4.91	2.73	2.87	32.32
Norfolk.....1	Harleston (Starston).....	3.86	1.62	1.14	.93	.38	1.53	2.84	3.17	3.47	4.79	2.93	3.30	29.96
".....2	Sprowston.....	4.09	1.78	1.08	1.06	.31	1.05	3.72	3.81	4.09	4.39	2.94	3.86	32.18
".....2	Aylsham (The Mount).....	3.95	1.76	1.26	.77	.33	1.35	2.49	2.99	4.18	3.96	3.27	4.34	30.65
".....3	Sandringham House Gardens.....	4.27	1.80	1.15	1.07	1.02	1.11	2.99	3.67	2.99	3.92	4.65	4.33	32.97
".....3	Cromer (Howards Hill).....	4.20	2.32	1.26	.70	.42	.82	3.23	3.02	4.06	3.65	4.34	3.77	31.79
".....4	Wells (Outfall Sewage Works).....	3.56	1.94	1.92	.70	.25	.66	2.20	2.79	2.90	3.24	3.57	3.69	27.42
".....4	Santon Downham.....	3.09	1.38	1.16	.74	.45	2.60	4.18	2.25	3.58	3.93	3.90	2.93	30.19
".....4	Marham (Pumping Station).....	3.14	1.40	1.06	.71	.51	1.77	2.82	3.33	2.53	3.80	3.54	3.11	27.72
Wiltshire.....1	West Lavington (Dauntsey's Sch.)...	3.74	2.30	2.14	1.54	.94	2.96	3.43	3.88	3.85	8.32	4.20	4.06	41.36
".....1	Chippenham (Waterworks).....	3.78	2.38	1.62	1.22	1.51	2.29	3.99	3.77	3.88	5.60	4.46	4.88	39.38
".....2	Mere (Charnage).....	4.09	3.18	2.10	1.80	1.20	2.91	3.78	5.73	4.84	7.76	4.84	5.07	47.30
".....3	Porton (C.D.E.E.).....	4.08	2.85	1.96	1.26	1.33	2.84	4.00	3.73	4.88	8.76	4.27	3.64	43.60
".....5	Marlborough College.....	4.40	2.22	1.57	1.75	1.43	3.55	3.59	3.61	3.54	8.34	4.91	4.80	43.71
Dorset.....3	Creech Grange.....	3.76	3.49	2.35	2.39	2.12	1.81	4.26	5.45	7.05	11.21	6.02	4.35	54.26
".....3	Beaminstree (East Street).....	4.27	4.62	2.86	3.27	1.80	1.55	4.68	5.86	5.56	11.30	6.67	4.69	57.13
".....4	Blandford (King's Road).....	4.27	3.76	2.06	2.34	1.84	2.18	3.91	4.25	6.61	10.22	5.74	3.77	50.95
Devonshire, S.....2	Plymouth (Mount Batten).....	5.11	4.02	2.68	2.86	2.39	1.24	4.28	4.51	5.80	8.27	6.33	4.97	52.46
".....4	Ashburton (West Street).....	6.18	7.68	4.35	3.73	2.61	2.09	4.76	4.59	7.47	10.50	11.05	6.91	71.92
".....4	Princetown (H.M. Prison).....	9.76	9.48	5.91	7.27	3.43	4.57	9.24	6.17	11.28	14.96	15.54	8.93	106.54
".....5	Teignmouth (Den Gardens).....	4.12	5.11	2.86	2.25	1.63	.99	3.50	5.34	7.48	10.19	4.83	3.39	51.69
".....6	Clyst Honiton (Exeter Airport).....	3.35	3.92	2.06	2.81	1.79	.66	3.41	3.48	5.79	12.35	3.53	3.03	46.18
".....6	Crediton (Okefeld).....	3.57	3.20	2.57	3.20	1.96	.87	3.85	3.15	6.00	9.29	3.52	5.02	46.20

Table 8c. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Devonshire, N.....	Ilfracombe (Bowling Green).....	4.83	3.50	1.92	3.16	1.38	1.26	5.77	4.61	4.13	7.03	9.97	6.52	54.08
"	Okehampton (Waterworks).....	4.92	6.69	3.50	4.47	2.71	2.04	6.43	3.83	9.92	12.50	8.29	7.27	71.57
"	Torrington (Rack Park).....	4.07	3.33	2.23	3.27	1.53	1.27	5.73	4.98	5.41	7.40	7.31	6.57	53.10
Cornwall.....	Newquay (Mount Wise).....	3.65	4.14	2.28	2.96	1.53	.73	3.80	3.36	4.45	6.58	5.83	5.06	44.37
"	Bodmin (Castle Hill House).....	4.68	5.92	2.92	4.84	3.11	2.20	5.00	3.99	5.25	9.80	8.38	8.82	61.91
"	Camelford (Stannon Clay Works) ..	6.33	5.51	3.46	6.29	3.40	2.81	8.00	6.96	7.49	10.38	9.22	8.02	77.87
"	Bude (School House).....	4.33	2.65	2.12	3.24	1.65	1.32	4.66	3.70	5.85	9.37	6.36	5.25	50.50
"	Penzance (Penlee Gardens).....	4.88	4.45	3.89	2.41	1.42	1.35	4.94	4.29	5.47	8.18	6.83	7.13	55.24
"	Falmouth.....	5.34	4.45	4.85	2.97	2.23	1.50	5.14	4.59	5.68	8.41	7.22	5.61	57.99
"	St. Austell (Poltair Public Gardens).	5.90	4.82	4.37	3.47	2.68	2.72	6.04	2.87	6.51	9.27	7.43	5.73	61.81
"	Scilly (St. Mary's Coastguard Stn.)..	3.45	4.09	3.03	1.59	2.40	1.87	4.40	4.65	3.67	7.07	5.55	4.85	46.62
Somerset.....	Litton (Sherborne Reservoir).....	4.12	3.00	2.10	2.10	1.42	3.66	4.90	5.47	4.82	8.32	5.67	5.35	50.93
"	Bath (Henrietta Park).....	3.58	2.43	2.43	1.37	1.16	2.23	4.13	4.66	4.03	7.54	4.15	4.53	42.24
"	Long Ashton (Research Station)....	3.57	2.56	2.53	1.50	1.16	2.21	4.86	4.83	4.91	6.34	4.80	4.86	44.13
"	Street (Millfield).....	3.22	2.40	1.57	2.01	1.16	1.99	5.05	5.47	3.32	7.74	3.37	3.00	40.30
"	Burnham.....	3.13	2.10	1.50	2.33	1.20	1.69	5.87	3.70	3.72	9.19	2.90	3.49	40.82
"	Taunton (Vivary Park).....	2.74	3.04	2.38	2.52	1.43	1.02	3.53	3.17	3.63	10.66	3.02	3.58	40.72
"	Dunkery Beacon.....	6.82	10.17	3.84	4.71	2.08	3.32	8.22	4.31	6.52	14.79	13.25	13.21	91.24
"	East Anstey (Dassels).....	4.92	4.29	2.27	3.50	1.93	2.30	6.97	4.46	5.36	11.19	6.73	9.20	63.12
Gloucestershire.....	Alderley (Pumping Station).....	4.36	2.42	1.99	1.30	1.47	2.53	3.71	5.72	4.31	6.13	5.26	4.16	42.91
"	Cheltenham (Montpellier Gardens) ..	4.01	2.12	1.36	1.06	1.79	2.18	3.41	5.27	4.20	4.60	4.31	2.38	37.14
"	Blockley (The Manor House).....	4.52	2.09	1.12	.85	2.02	3.56	3.94	3.21	5.08	6.05	4.00	2.86	39.30
"	Lechlade (St. John's Lock).....	4.02	2.09	1.18	.89	1.57	3.73	3.37	2.65	3.76	5.72	4.65	4.10	37.73
"	Cirencester (Royal Agric. College) ..	4.86	2.98	1.56	1.35	1.80	3.26	4.12	2.99	3.96	5.13	5.43	4.03	41.47
Herefordshire.....	Ross-on-Wye.....	4.62	2.88	2.12	1.91	1.69	2.50	2.18	2.59	4.13	6.70	5.05	2.87	39.24
"	Vowchurch (Ladywell House).....	5.18	4.82	3.19	2.79	1.72	1.87	2.68	4.02	4.34	8.20	6.94	4.63	50.38
"	Bromyard (The Down House).....	5.56	2.52	2.51	1.49	1.48	2.26	2.66	4.48	4.65	6.92	4.39	3.11	42.03
"	Presteigne (Middlemoor).....	5.57	4.44	2.63	2.07	1.77	1.63	3.22	4.08	3.54	7.79	7.00	5.14	48.88
Shropshire.....	Bromfield (Oakly Park).....	5.50	3.43	2.21	1.48	1.81	2.09	2.99	4.27	3.74	6.11	6.00	4.07	43.70
"	Church Stretton (Sewage Works) ..	6.64	4.21	2.15	1.66	1.66	2.39	4.14	5.18	4.40	7.32	6.10	3.92	49.77
"	Shrewsbury (Monkmoor).....	4.46	1.81	1.43	1.39	1.24	2.60	2.71	6.05	4.77	5.16	4.07	2.73	38.42
"	Hilton (Pumping Station).....	5.19	2.51	1.17	.95	2.32	1.99	3.23	3.07	4.59	5.26	4.16	2.68	37.12
"	Newport (Harper Adams Ag. Coll.)..	4.29	1.69	1.39	1.06	1.66	2.00	2.97	3.40	4.96	4.13	3.71	2.64	33.90
"	Oswestry (Mount Reservoir).....	6.12	3.90	1.95	1.50	2.04	2.49	3.36	4.84	4.44	7.02	6.39	3.75	47.80
Staffordshire.....	Lichfield (Hanch Reservoir).....	5.94	1.98	1.72	.88	1.40	3.24	3.42	4.54	5.30	5.46	3.52	3.36	40.76
"	Stafford (Riverway Nurseries).....	4.86	1.93	1.32	1.68	1.26	3.28	3.26	3.39	5.51	4.68	4.11	3.03	38.31
"	Keele (Univ. College of N. Staffs) ..	4.94	2.23	1.35	1.33	1.87	3.71	3.83	4.57	4.66	4.31	3.96	2.60	39.36
"	Burton (Shobnall).....	5.70	1.60	1.57	.98	1.63	3.27	2.98	3.65	4.59	5.59	3.00	2.28	36.84

Table 8C. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Staffordshire.....5	Ellastone (Vicarage).....	5.73	2.82	1.51	1.41	2.04	3.72	3.61	4.76	5.01	5.70	5.04	3.90	45.25
".....5	Leek (Lower Haddon).....	6.00	2.55	1.30	1.80	2.10	2.35	5.45	5.30	4.70	5.10	5.95	4.60	47.20
Worcestershire....2	Worcester (Redhill).....	5.20	1.60	1.75	.98	1.26	1.42	2.76	4.36	4.18	5.85	4.08	3.12	36.56
".....2	Kidderminster (St. John's Avenue)...	5.38	1.96	1.10	.83	1.40	1.52	2.75	4.04	4.05	6.30	3.97	3.42	36.72
Warwickshire....1	Wellesbourne.....	3.52	1.58	.91	.65	1.28	1.99	3.03	4.73	3.48	4.08	2.86	3.23	31.34
".....1	Alcester (Arrowside).....	4.54	1.64	.90	.94	1.36	3.04	3.55	4.31	4.53	4.71	3.54	2.94	36.00
".....4	Birmingham (Edgbaston Obs'y)....	6.02	2.44	1.61	1.50	1.17	2.67	3.47	2.94	5.80	5.89	3.71	3.71	40.93
".....4	Nuneaton (Hartshill Sewage Works)...	4.80	1.78	1.45	1.27	1.39	4.43	3.02	2.34	4.31	5.57	3.18	3.03	36.57
Leicestershire....2	Caldecott (Pumping Station).....	3.99	1.51	1.78	.43	1.09	2.56	2.73	2.64	3.72	4.87	2.65	2.75	30.72
".....4	Thornton Reservoir.....	5.69	2.17	1.88	1.13	1.24	3.04	4.26	3.15	3.96	5.16	3.64	3.66	38.98
".....4	Melton Mowbray (White Lodge)....	5.15	1.74	1.52	.58	1.07	1.19	2.60	4.03	4.52	5.72	2.90	3.93	34.95
".....4	Loughborough (Nanpantan Res.)....	5.81	1.59	1.67	1.25	1.30	2.38	3.41	4.02	4.18	5.61	3.23	3.45	37.90
Lincolnshire....2	Spalding (Pode Hole).....	3.66	2.65	1.01	.46	.78	1.09	2.73	2.94	2.68	4.58	3.49	3.51	29.58
".....3	Kirton.....	3.53	2.92	1.34	.49	.64	.54	4.44	3.43	3.27	4.74	3.80	3.92	33.06
".....3	Cranwell Airfield.....	4.42	1.93	1.39	.61	.88	.55	3.24	3.89	2.89	4.57	2.87	3.60	30.84
".....3	Potterhanworth (Old Hall).....	4.84	2.26	1.38	.88	.68	.41	3.54	3.23	2.42	4.76	3.47	3.21	31.08
".....3	Horncastle.....	4.66	2.25	1.36	.89	.61	.29	2.97	3.08	2.27	12.26	3.19	3.70	37.53
".....4	Skegness (Marine Gardens).....	3.94	2.26	1.10	.80	.49	.56	3.91	4.53	2.86	5.17	3.62	4.25	33.49
".....4	Withern (Pumping Station).....	5.03	3.35	1.43	1.07	.52	.81	2.42	2.53	2.23	5.26	3.53	4.18	32.36
".....4	Wold Newton Manor.....	3.90	1.43	1.32	1.36	.67	.44	3.29	4.15	2.37	7.82	3.45	3.77	33.97
".....5	Brigg (Wrawby Road).....	3.95	1.98	1.40	1.34	1.36	.48	4.35	2.60	2.25	4.90	3.33	3.25	31.19
".....6	Gate Burton Hall.....	4.62	1.67	1.31	1.07	.65	.67	3.26	4.14	2.24	4.56	3.12	2.57	29.88
".....7	Crowle (North Level Pump. Stn.)...	4.22	1.45	1.14	.74	.65	.48	3.30	2.26	1.96	4.76	3.46	2.12	26.54
Nottinghamshire. 2	Newark (The Friary).....	4.34	1.86	1.49	.79	.78	1.30	4.82	3.92	3.25	4.77	3.07	2.92	33.31
".....5	Nottingham (The Castle).....	4.64	1.72	1.29	1.07	.99	1.49	3.39	3.88	3.92	4.37	2.65	3.10	32.51
".....5	Mansfield (Carr Bank).....	4.81	2.66	2.08	.98	1.27	1.21	2.98	2.89	4.07	6.03	4.06	3.19	36.23
Derbyshire.....6	Whatstandwell (Meerbrook Sough)...	5.71	3.46	2.33	1.76	1.98	2.47	3.57	4.86	5.08	6.49	4.95	3.95	46.61
".....6	Buxton (Terrace Slopes).....	7.46	3.79	2.26	2.87	2.37	2.75	6.12	4.76	4.83	6.87	7.40	5.77	57.25
".....6	Fairholmes (Nursery).....	8.19	3.58	2.39	3.25	2.04	1.77	7.61	4.55	5.67	6.99	7.27	6.18	59.49
".....8	Chesterfield (Sewage Works).....	5.40	2.91	1.82	1.13	1.28	1.14	3.33	4.02	3.90	6.02	4.50	3.81	39.26
Cheshire.....1	Ringway (Manchester Airport).....	4.43	2.00	1.02	1.26	2.01	1.45	4.02	5.78	3.98	3.51	4.89	3.19	37.54
".....2	Nantwich (Brookfield House).....	5.11	2.24	1.25	1.32	1.54	2.62	3.42	4.61	3.86	3.75	3.88	2.23	35.83
".....2	Northwich (Winnington).....	4.80	2.31	1.17	1.36	2.00	2.19	4.27	5.00	3.27	3.65	4.62	2.95	37.59
".....3	Birkenhead (Bidston Observatory)...	4.36	1.39	1.43	1.14	2.45	.83	3.10	3.61	3.25	3.34	5.74	2.36	33.00
Lancashire, South. 2	Winwick (Pumping Station).....	4.81	1.80	1.78	1.79	2.16	1.53	3.81	4.65	3.17	3.74	5.39	3.80	38.43
".....3	Ashton-under-Lyne (Knott Hill Res.)	5.25	2.31	.80	2.30	2.02	1.95	6.03	6.91	3.64	4.25	5.89	4.15	45.50
".....3	Bolton (Heaton Reservoir).....	6.22	3.01	1.67	2.43	2.77	1.77	8.28	6.08	4.02	5.15	7.66	4.79	53.85
".....3	Bacup (Sheephouse Reservoir).....	7.79	6.27	1.95	3.87	2.50	1.99	8.57	5.94	3.84	6.59	9.59	6.14	65.04

Table 8C. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Lancashire, Central 1	Squires Gate (Blackpool Airport).	4.71	2.47	1.61	1.79	2.78	1.27	3.60	5.30	3.08	3.53	7.85	3.38	41.37
" 1	Stonyhurst College.....	5.78	2.64	1.13	2.60	1.78	1.35	9.86	6.22	3.13	3.32	8.23	5.45	51.49
" 2	Chorley (Common Bank Sew. Wks.)	5.61	2.71	1.34	2.19	2.27	1.27	6.49	4.93	3.01	3.17	7.47	4.17	44.63
Lancashire, North 3	Formby (Victoria Road).....	4.83	2.29	1.80	1.55	2.33	.92	3.95	3.31	2.94	3.41	6.42	3.39	37.14
" 3	Morecambe.....	5.64	3.48	1.46	3.12	2.18	1.24	5.71	5.25	3.82	2.96	7.74	4.50	47.10
" 5	Garstang (Grizedale Reservoir)....	4.93	3.45	1.81	3.03	3.19	1.73	7.10	5.38	3.56	2.94	9.21	5.00	51.33
Yorkshire, W.R. 1	Sedbergh (Brigflatts).....	6.44	4.59	1.57	3.09	2.32	2.08	7.15	3.34	4.06	2.59	10.11	7.00	54.34
" 2	Ribblehead Station.....	11.27	6.23	1.86	5.28	2.29	3.50	12.50	3.59	3.66	4.17	12.52	9.50	76.37
" 6	Balby (Sewage Works).....	4.19	1.79	1.30	.60	1.65	.52	2.07	3.56	2.94	5.73	3.33	1.88	29.56
" 7	Sheffield (Weston Park).....	5.42	3.06	2.05	1.53	1.83	1.63	2.55	3.17	4.28	7.04	4.57	3.60	40.73
" 7	Penistone (Ingirchworth Res.)....	6.00	2.98	2.49	1.79	2.46	1.65	3.93	4.33	3.86	8.29	5.54	5.34	48.66
" 8	Huddersfield (Oakes).....	6.09	2.59	2.03	1.89	2.01	1.14	4.66	6.41	2.91	5.79	7.16	4.56	47.24
" 8	Wakefield (Clarence Park).....	4.84	1.45	1.52	.76	1.12	.86	2.85	4.63	3.23	6.00	4.57	2.32	34.15
" 9	Goole (Sewage Pumping Station)...	4.01	1.42	.93	.91	.85	.60	4.32	2.58	2.45	5.43	4.05	2.17	29.72
" 9	Bingley (St. Ives Research Station)..	4.97	3.13	1.72	1.87	1.75	.94	4.47	3.79	2.74	5.09	6.73	4.45	41.65
" 9	Settle (Malham Tarn).....	6.85	5.24	1.84	3.69	2.27	2.70	9.71	3.90	4.31	5.17	9.64	6.49	61.81
" 10	Cawood (Exper. Husbandry Farm)...	4.50	1.34	1.55	.62	.60	.40	3.91	2.53	3.09	5.53	4.58	2.00	30.65
" 10	Upper Barden Reservoir.....	6.99	4.46	2.20	3.12	1.91	1.85	9.72	4.17	3.34	5.13	8.47	6.04	57.40
" 11	Knaresborough (Water Tower).....	4.98	1.80	2.21	1.33	.79	1.06	4.01	2.41	2.97	6.37	5.05	3.08	36.06
" 11	Ramskill (Raygill House).....	6.97	4.01	2.62	3.32	1.67	1.84	7.19	3.70	3.89	7.20	8.46	6.41	57.28
Yorkshire, E.R. 2	Birdsall Gardens.....	5.92	2.37	1.32	1.22	1.18	.74	5.02	3.79	3.27	6.30	4.70	3.75	39.58
" 3	Easington (Primary School).....	4.23	2.19	1.19	1.15	.77	.18	2.53	2.75	2.15	4.30	3.92	3.48	28.84
" 3	Hull (Pearson Park).....	4.74	1.74	.91	1.21	.85	.27	3.04	2.31	2.36	5.57	4.05	3.43	30.48
" 3	Market Weighton (Dalton Holme)...	4.56	2.03	1.02	1.17	.85	.54	4.40	3.18	2.56	6.73	4.76	3.24	35.04
" 3	Lowthorpe (Woodman's Cottage)...	5.58	1.92	1.31	.72	1.41	.52	3.12	4.21	2.45	7.96	4.62	2.99	36.81
Yorkshire, N.R. 1	Leyburn (Bolton Hall).....	5.08	3.09	2.64	1.83	1.58	.76	4.19	3.04	3.46	6.72	5.49	4.63	42.51
" 2	Felixkirk (Mount St. John).....	4.65	2.33	1.07	.86	.98	.58	5.44	2.99	3.01	6.75	3.99	3.15	35.80
" 2	Scruton (Post Office).....	3.86	2.74	1.19	1.27	.89	.68	5.15	2.70	2.27	4.82	3.62	1.89	31.08
" 3	York (Museum).....	4.66	1.64	.97	.97	.66	.63	5.84	2.74	3.11	5.08	4.13	2.26	32.69
" 4	Farndale Vicarage.....	7.04	4.83	1.78	1.06	1.80	.84	5.10	3.15	3.69	10.79	5.40	5.45	50.93
" 5	Scarborough.....	5.10	1.72	1.28	.79	.80	.31	3.00	2.85	2.86	7.97	3.83	3.54	34.05
" 6	Middlesbrough (Albert Park).....	3.88	1.71	1.20	.58	.77	.47	4.91	2.93	2.28	5.31	2.83	2.91	29.78
" 6	Baldersdale (Hury Reservoir).....	5.48	2.64	2.31	2.33	1.98	1.17	4.54	2.82	2.91	6.72	5.81	5.17	43.88
Durham..... 1	Darlington (South Park).....	4.39	2.29	2.14	.86	1.65	.42	4.38	2.59	2.64	5.98	2.94	2.37	32.65
" 2	Durham (University Observatory)...	4.23	2.24	1.74	1.07	1.96	.21	3.32	2.33	2.22	6.79	2.79	1.91	30.81
" 2	Weardale W.W. (Tunstall Reservoir)	5.41	3.51	3.16	1.63	2.38	.56	4.97	3.56	3.57	10.24	3.86	3.07	45.92
Northumberland .. 2	Haydon Bridge (Shaftoe Trust Sch.)	4.34	1.80	1.90	1.06	1.69	.79	3.53	3.15	1.72	6.08	2.96	2.71	31.73
" 3	Newcastle (Leazes Park).....	4.69	1.97	1.68	.73	1.87	.22	4.51	3.51	2.08	6.27	2.64	2.09	32.26

Table 8C. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Northumberland 4	Bellingham (Highgreen)	3.96	4.13	2.60	1.86	2.00	2.52	3.55	3.22	2.11	4.62	4.41	3.69	38.65
" 5	Morpeth (Cockle Park)	4.64	3.13	1.94	.81	2.62	.99	4.82	2.50	2.37	7.02	3.54	1.98	36.36
" 5	Howick Hall Gardens	3.93	3.19	1.74	.70	1.91	1.34	3.47	2.74	2.32	6.31	3.22	2.15	33.02
" 6	Ilderton (Liburn Tower Gardens)	4.80	3.90	1.56	1.31	2.42	1.11	3.97	3.19	2.38	7.04	2.97	2.73	37.38
" 6	Berwick-on-Tweed (Ramparts)	3.29	2.11	1.08	.52	2.09	1.15	4.22	3.52	2.33	3.99	2.31	1.78	28.39
Cumberland 1	Silloth Airfield	5.21	2.70	.87	2.04	1.73	1.10	3.63	4.22	2.37	1.98	5.21	4.24	35.30
" 1	Geltsdale	5.53	3.01	1.29	2.35	2.08	1.73	5.46	3.79	1.97	3.22	5.16	3.59	39.18
" 2	Keswick (Netherholme)	7.40	7.14	1.72	4.38	2.61	2.25	6.31	4.92	4.08	1.93	8.82	6.68	64.64
" 3	Ravenglass (The Grove)	5.55	5.14	1.29	4.31	2.53	1.59	5.65	3.88	4.39	1.93	8.82	4.15	49.23
" 3	Ennerdale (Gillertwaite)	13.80	11.10	3.60	9.90	5.60	6.20	13.00	4.90	7.20	5.10	17.80	6.30	104.50
Westmorland 1	Appleby Castle	4.40	4.28	.83	2.05	1.51	1.44	5.05	2.46	1.98	2.05	6.39	3.42	35.86
" 2	Ambleside	12.06	9.84	1.82	6.29	3.39	3.56	7.53	4.45	4.65	5.71	14.17	8.58	82.05
" 3	Kendal (Fisher Tarn Reservoir)	7.42	4.33	1.29	3.89	3.08	2.68	6.69	3.36	4.88	2.92	10.89	6.79	58.22
Monmouthshire 3	Newport W.W. (Nantypriidd)	5.74	3.99	2.61	2.33	1.89	2.42	6.22	7.22	5.66	9.86	9.05	5.45	62.44
" 3	Abergavenny (Plas Derwen)	6.13	5.49	3.65	3.94	1.87	1.60	2.86	4.88	5.15	10.84	9.34	5.07	60.82
Glamorgan 3	Swansea (Victoria Park)	5.86	5.09	2.03	3.52	1.62	1.99	6.43	5.37	5.84	7.08	10.42	6.04	61.29
" 6	Treherbert (Tyn-y-waun)	11.91	11.72	4.42	6.80	2.60	5.52	9.93	9.75	8.19	11.67	23.48	13.46	119.45
" 7	Cardiff (Penylan)	4.14	2.90	2.00	2.89	1.33	2.48	5.73	5.25	5.75	8.41	7.90	6.51	55.29
Carmarthenshire 2	Llandilo (Golden Grove Farm)	7.07	7.41	1.73	4.39	2.64	3.05	6.66	8.11	6.42	6.84	13.68	6.57	74.57
" 2	Conwil-Elvet (Cwm-tawel Reservoir)	7.73	8.31	2.60	5.20	3.29	3.10	7.69	6.85	8.87	9.78	13.31	6.71	83.44
" 2	Abergorlech	10.14	9.55	2.00	4.98	2.51	3.89	6.67	9.46	6.68	9.58	12.28	7.28	85.02
Pembrokeshire 4	Pembroke (Stackpole Court)	5.64	4.23	2.63	3.01	1.58	1.31	4.00	3.33	6.67	7.28	8.92	5.66	54.26
" 4	Haverfordwest (Hospital Grounds)	6.31	5.16	2.40	3.75	1.59	2.23	4.93	3.74	6.88	6.61	8.86	5.90	58.36
" 4	Maenclochog (Ddolwen Bridge)	9.11	6.46	3.20	5.45	2.36	3.39	7.14	5.41	7.76	9.50	12.38	6.86	79.02
Cardiganshire 2	Aberporth	5.16	4.43	2.30	3.63	1.85	1.71	3.52	3.88	5.45	5.94	8.06	4.97	50.90
" 2	Aberystwyth (Plant Breeding Stn.)	6.17	2.68	1.95	2.91	1.77	2.06	5.06	4.51	7.10	4.34	7.21	5.74	51.50
" 3	Swyddfynnon (Crug-lâs)	6.67	4.72	1.94	3.76	1.67	2.48	4.91	6.91	6.88	5.11	9.93	7.18	62.16
Brecknockshire 4	Cardiff W.W. (Cantref Reservoir)	10.25	8.85	3.40	6.60	2.13	4.02	9.17	5.74	6.36	9.56	17.83	11.04	94.95
" 8	Nant-y-Brain	11.23	11.07	2.45	4.72	2.75	4.39	6.90	5.96	6.50	7.42	14.56	9.70	87.65
Radnorshire 1	Erwood (Cwrt Gwenddwr)	6.76	5.66	2.83	3.84	1.73	2.61	3.65	2.76	4.92	8.14	9.39	7.14	59.43
" 1	Llandrindod Wells (The Common)	6.13	4.85	2.05	2.89	1.58	2.00	3.18	3.43	4.18	6.46	7.86	6.07	50.68
" 1	Birmingham W.W. (Nantgwyllt)	9.48	9.48	3.34	6.59	2.38	3.16	6.53	4.60	5.27	8.62	3.08	10.11	82.64
Montgomeryshire 1	Machynlleth (Garth)	7.55	4.83	1.72	4.14	1.58	3.43	7.22	6.96	6.82	4.28	12.46	10.65	71.55
" 3	Llangurig (Cefn Brwyn)	12.42	7.41	3.52	7.61	2.29	3.43	10.61	8.69	8.35	6.49	15.55	14.65	101.02
" 4	Newtown (Penarth Weir)	5.85	3.66	1.90	1.94	1.01	1.89	2.40	5.15	4.82	6.61	6.48	4.74	46.45
" 5	Lake Vyrnwy (Experimental Stn.)	9.61	6.81	2.96	4.72	2.11	2.72	6.38	6.70	5.19	6.82	13.67	9.86	77.55
Flintshire 1	Hawarden Bridge	4.81	2.13	2.01	1.24	1.89	.89	2.31	4.27	3.11	4.74	4.59	2.94	34.93
" 2	Bodfari (Nantlys)	5.63	1.78	2.39	1.36	1.51	1.07	2.18	3.15	4.59	2.84	5.04	2.73	34.27

Table 8C. Monthly and Annual Rainfall, 1960—ENGLAND, WALES AND THE ISLANDS (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Denbighshire 1	Wrexham W.W. (Pack Saddle Res.) . .	in. 6.54	in. 4.15	in. 2.07	in. 1.48	in. 2.02	in. 1.51	in. 2.17	in. 3.76	in. 4.73	in. 5.88	in. 6.66	in. 3.39	in. 44.36
" 1	Nantglyn (Pant-y-maen)	9.21	6.08	2.48	2.40	2.01	1.87	3.73	3.98	7.41	6.20	11.07	6.23	62.67
Merionethshire 1	Llandrillo (Crogen)	8.47	8.00	2.14	3.73	2.21	1.61	3.82	5.41	6.72	5.75	11.99	7.77	67.62
" 3	Blaenau Festiniog (Oakeley Quarry)	15.82	8.72	3.71	6.90	3.41	5.04	11.45	6.47	10.50	7.55	21.17	13.47	114.21
" 4	Dolgelley (Brongygader)	9.32	9.65	2.01	5.19	2.23	3.62	6.88	5.05	6.70	5.34	18.13	5.74	79.86
" 5	Aberdovey (Plâs Penhelig)	6.83	4.23	1.56	2.89	1.62	3.10	5.24	5.86	7.09	3.60	10.31	6.67	59.00
Caernarvonshire 2	Llandudno (Cricket Ground)	5.67	2.02	1.73	1.24	1.12	6.7	1.75	3.33	3.72	2.82	6.35	3.69	34.11
" 4	Pwllheli (West End)	6.13	3.62	1.55	2.49	1.47	1.71	3.31	3.80	4.62	5.47	8.55	4.59	47.31
" 5	Snowdon (Cwm Dylif)	22.45	16.81	4.08	9.18	4.61	6.61	12.76	7.86	10.41	9.14	24.55	14.64	143.10
Anglesey	Holyhead (Valley Airfield)	5.05	3.80	1.61	2.26	1.40	1.18	3.03	1.93	3.84	5.52	7.20	4.33	41.15
"	Llanerchymedd (Llwydiarth Esgob) .	6.48	4.67	1.67	2.56	1.20	1.17	3.48	2.78	4.07	4.47	9.13	4.85	46.53
Isle of Man	Douglas (Borough Cemetery)	5.55	3.90	2.24	3.56	2.92	1.81	6.09	2.85	4.40	5.62	8.76	5.52	53.22
"	Sulby Glen (Block Eary Dam)	8.70	9.10	4.30	5.95	3.30	2.55	9.36	3.35	6.40	10.15	14.60	6.00	83.76
Channel Islands	St. Peter (Jersey Airport)	3.10	3.59	2.17	1.45	2.58	1.37	4.10	5.26	2.28	5.18	5.79	5.99	42.86
"	Guernsey (States Airport)	3.72	3.81	3.31	2.17	2.98	1.38	4.73	4.19	3.17	9.21	7.23	6.04	51.94
SCOTLAND														
Wigtownshire 1	Castle Kennedy (Loch Inch)	5.46	4.74	3.05	3.64	2.15	2.93	5.83	4.51	4.40	5.75	7.54	4.99	54.99
" 3	Port William (Monreith)	4.15	3.27	2.22	2.95	2.23	1.96	4.14	4.28	3.87	6.27	7.34	3.33	46.01
" 4	Newton Stewart (Little Barraer) . .	5.06	5.27	2.60	4.18	2.31	2.56	4.64	5.26	4.00	4.43	7.76	4.77	52.84
Kirkcudbrightshire 3	Dalry (Glenlee)	6.54	8.11	1.75	6.50	2.22	3.18	4.82	4.63	4.36	5.40	12.12	6.77	66.40
" 4	Auchencairn (Torr House)	5.67	5.46	2.35	5.14	2.26	2.71	6.06	4.93	4.95	4.62	8.66	4.77	57.60
" 5	Lochrutton (Dumfries Waterworks) .	4.77	5.89	1.87	5.30	1.74	2.41	4.03	5.66	3.98	4.40	8.32	3.64	52.01
Dumfriesshire 3	Dumfries (Crichton Royal Inst.) . . .	4.48	5.59	1.52	4.35	1.64	2.23	4.24	3.78	3.50	3.32	7.40	3.33	45.38
" 3	Durrisdeer (Drumlanrig)	4.26	6.15	2.02	4.54	2.27	2.52	3.22	3.99	3.83	3.55	7.92	4.77	49.04
" 4	Moffat (St. Margaret's)	6.24	8.85	2.22	6.38	3.06	3.74	5.06	5.44	3.73	3.29	8.32	6.32	62.65
" 5	Canonbie (Irvine House)	6.95	5.73	1.71	4.68	3.40	2.45	6.51	4.34	3.61	3.73	6.38	5.29	54.78
" 5	Eskdalemuir Observatory	7.12	7.93	2.23	5.78	3.18	3.85	4.41	5.85	3.67	2.97	7.96	6.55	61.50
Roxburghshire 3	Hawick (Wauchope)	4.56	4.34	1.61	2.03	1.26	1.73	3.42	5.68	3.03	3.41	4.12	3.51	38.70
" 3	Crailing	2.37	2.57	1.67	1.09	.94	1.07	2.64	4.14	1.07	3.17	2.40	2.47	25.60
Selkirkshire 2	Selkirk (Bowhill)	4.17	4.09	1.98	2.30	2.00	1.03	2.59	4.41	1.73	3.65	3.92	3.88	35.75
Peeblesshire 2	Stobo Castle	3.53	3.99	2.03	3.01	2.07	1.27	3.09	5.54	1.89	2.93	5.64	4.67	39.66
Berwickshire 4	Marchmont House	4.77	2.31	1.88	1.32	1.35	1.08	3.41	3.44	1.77	7.86	2.40	2.18	33.77
" 4	Oxton (Channelkirk School)	5.70	5.20	1.97	1.62	1.96	1.13	3.56	3.54	1.87	6.00	2.58	3.09	38.22
East Lothian 5	North Berwick (East Lodge)	3.33	1.64	.96	.86	1.09	.66	2.24	3.40	1.84	3.51	2.66	2.13	24.32
Midlothian 4	Moorfoot Hills (Rosebery)	3.80	3.11	1.70	1.47	1.28	1.18	2.69	4.29	1.47	3.08	3.31	3.46	30.84
" 5	Pentland Hills (Morton)	2.85	3.21	1.41	1.74	1.48	1.26	2.72	4.05	1.99	4.15	3.83	4.58	33.27
" 5	Edinburgh (Blackford Hill)	2.54	1.93	1.17	.80	1.37	1.04	2.47	4.42	1.22	2.84	2.09	2.49	24.38

Table 8C. Monthly and Annual Rainfall, 1960—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lanarkshire.....4	Crawford (Camps Reservoir).....	4.11	5.08	2.05	4.26	2.64	2.43	3.51	3.90	2.99	2.87	in.	in.	46.37
".....4	Carnwath.....	3.11	2.39	2.00	2.36	1.56	1.14	2.10	3.07	2.09	2.41	7.94	4.59	29.40
".....4	Glasgow (Springburn Park).....	3.49	3.20	2.25	2.83	3.20	2.61	4.07	4.17	2.41	3.05	4.42	3.73	41.32
".....5	Strathaven (Glengavel Reservoir)...	5.90	4.27	2.32	3.45	1.88	2.25	4.46	3.65	3.24	3.00	7.75	8.54	50.71
".....5	Hamilton Waterworks (Townhill)...	3.12	3.89	1.77	2.57	2.12	1.79	3.13	2.94	2.34	2.27	5.66	5.70	37.30
Ayrshire.....3	Prestwick Airport.....	3.97	2.76	2.84	2.20	1.34	2.09	2.64	3.46	2.83	1.80	4.06	4.55	34.54
".....3	Kilmarnock (Springhill House).....	4.01	2.94	2.12	2.77	1.72	1.58	2.97	3.69	2.58	2.05	4.96	5.76	37.15
".....5	Loch Recawr.....	5.40	8.20	3.30	8.40	3.70	4.30	5.70	5.00	5.10	4.30	12.50	10.20	76.10
".....5	Maybole (Otterden).....	4.59	3.71	1.96	2.62	1.81	2.18	3.35	3.99	3.26	2.00	6.24	5.03	40.74
".....8	Colmonell (Knockdolian).....	2.94	5.26	1.61	3.57	2.05	2.02	4.51	4.69	3.90	2.83	6.82	4.51	44.71
".....13	Glen Afton (Ayrshire Sanatorium)...	4.55	6.00	2.00	5.89	2.08	3.50	3.66	3.91	4.23	3.78	11.62	6.70	57.92
Renfrewshire.....3	Greenock (Prospect Hill).....	4.95	5.99	3.25	7.23	3.03	3.33	4.72	3.51	3.50	3.20	8.56	7.60	58.87
Stirlingshire.....1	Falkirk (Windsor Road).....	3.62	3.06	1.82	2.58	2.94	1.62	2.61	3.67	1.99	3.79	4.18	3.77	35.65
".....1	Stirling (Sauchie House).....	3.62	3.64	2.05	3.55	2.99	2.09	3.05	2.93	2.75	3.65	4.85	3.71	38.88
".....4	Balfour (Old Ballikrain).....	4.09	5.11	3.01	4.67	3.50	2.19	3.29	3.38	2.90	4.02	6.88	5.78	48.82
Buteshire.....2	Millport (Marine Biological Stn.)...	3.23	3.83	2.07	4.73	2.34	2.59	4.33	3.63	3.47	2.69	6.72	6.10	45.73
".....3	Dougarie Lodge.....	4.61	4.25	2.79	4.35	3.15	2.24	4.90	3.49	3.63	6.01	6.75	5.51	51.68
Argyllshire.....2	Morvern (Drimmin).....	3.35	4.82	1.82	4.29	2.60	3.48	4.28	4.59	4.00	2.29	9.44	7.85	52.81
".....3	Morvern (Kingairloch).....	7.14	11.31	2.77	9.86	3.90	6.14	7.08	5.72	5.73	2.86	12.36	15.11	89.98
".....4	Glenleven (Kinlochleven).....	7.13	6.93	1.59	9.95	4.74	5.02	4.93	7.03	4.51	3.63	9.71	10.31	75.48
".....5	Glen Etive (Dalness).....	7.76	7.50	3.28	10.73	4.72	7.28	8.46	9.14	5.38	4.34	13.26	12.41	94.26
".....6	Dalmally (Craig).....	3.57	5.23	2.38	7.66	4.59	4.14	4.82	5.24	4.03	2.95	8.06	9.27	61.94
".....6	Bridge of Orchy.....	6.91	6.90	2.69	9.33	5.06	3.75	4.99	7.01	5.04	5.15	9.68	13.27	79.78
".....7	Kilmelfort (Kilchoan).....	4.37	4.84	1.52	5.35	3.21	3.52	4.13	3.56	4.16	2.26	7.47	8.11	52.50
".....7	Oban.....	4.26	4.91	2.21	4.93	3.27	3.62	3.92	4.39	3.60	2.16	7.61	9.54	54.42
".....7	Loch Caolisport (Ormsary).....	3.98	5.68	4.58	4.59	2.88	2.44	4.51	3.26	3.54	4.82	7.55	7.49	55.32
".....9	Largie Castle.....	4.26	5.40	3.05	3.51	2.72	1.94	3.85	3.36	3.15	4.70	7.23	7.23	50.76
".....11	Ardishaig (Canal Office).....	4.33	5.82	2.70	6.22	2.85	3.06	5.63	5.19	3.81	3.59	8.87	9.72	61.79
".....11	Inveraray Castle Gardens.....	6.00	5.54	2.88	7.61	3.87	5.15	5.86	4.37	4.45	3.83	8.89	11.29	69.74
".....12	Loch Eck (Benmore Gardens).....	7.31	9.50	3.88	9.63	4.45	4.52	8.40	5.31	4.57	5.46	9.44	10.46	82.93
".....13	Loch Sloy (Beinn Ime "North")...	11.27	12.49	4.35	13.43	6.87	8.18	10.94	7.30	6.65	7.47	15.89	15.40	120.24
".....14	Islay (Eallabus).....	3.36	5.49	1.84	3.71	2.40	1.42	4.73	3.59	3.26	6.49	6.89	7.70	50.88
".....14	Jura (Ardlussa).....	3.69	4.04	.98	3.68	2.77	2.02	3.62	3.75	4.02	2.12	7.78	6.97	45.44
".....14	Colonsay.....	3.10	3.54	1.91	3.42	2.89	2.05	3.76	4.69	3.16	3.11	4.87	7.39	43.89
".....14	Iona (Cnocmor).....	2.96	3.74	2.04	2.26	2.61	2.45	3.50	2.02	2.66	2.58	4.90	6.57	38.29
".....14	Mull (White House Of Aros).....	3.04	4.82	1.71	4.31	2.82	3.41	4.04	3.72	3.48	2.27	8.65	8.65	50.92
".....14	Tiree Airport.....	2.76	3.33	2.28	2.86	2.00	2.93	3.42	2.76	3.70	2.05	6.22	5.94	40.25

Table 8C. Monthly and Annual Rainfall, 1960—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Kinross-shire 2	Loch Leven Sluice	4.12	2.72	2.30	1.97	3.41	1.90	3.98	4.89	1.86	5.35	4.30	3.67	40.46
Fife-shire 2	Arncroach (Belliston)	4.43	1.88	1.65	1.15	1.52	2.15	2.87	2.67	2.30	4.84	3.74	2.39	31.59
" 3	Leuchars Airfield	4.22	2.25	1.67	2.00	1.76	1.46	3.12	4.32	1.55	4.97	3.34	2.15	32.81
Perthshire 1	Loch Dhu	7.19	8.73	3.79	9.89	5.20	4.40	6.68	5.65	4.59	6.48	11.21	9.83	83.64
" 3	Strathyre	5.96	9.61	3.75	9.96	4.78	2.91	5.76	5.63	4.43	7.39	12.77	10.49	83.44
" 4	Glen Devon (Glenquey Reservoir)	5.67	5.35	2.30	4.82	3.70	3.54	5.87	5.02	3.82	6.55	6.83	7.28	60.75
" 7	Crieff (Strathearn Hydro)	3.90	4.44	2.72	3.42	3.85	2.14	3.93	5.04	2.73	4.90	5.02	4.73	46.82
" 7	Loch Turret (Lochan Uaine)	6.90	7.80	4.70	8.10	4.60	3.70	5.00	6.25	5.95	11.00	13.00	7.50	84.50
" 8	Perth (Wellshill Cemetery)	4.22	2.76	2.10	2.18	3.16	2.06	2.87	4.02	2.52	5.66	3.54	2.93	38.02
" 11	Aberfeldy (Tigh'n Eilean)	3.14	4.73	2.66	5.25	3.21	1.95	3.59	4.50	2.81	5.57	5.45	3.80	46.66
" 12	Killin (Kinnell Gardens)	3.69	6.53	2.26	7.28	3.89	2.51	2.97	4.57	3.70	5.13	8.24	8.47	59.24
" 13	Glenlyon (Meggerie Castle)	4.69	6.40	2.34	7.42	3.68	2.57	3.72	3.34	3.89	6.19	8.15	7.48	59.87
" 14	Fincastle House	2.72	3.82	1.96	3.83	2.42	2.25	2.64	2.66	2.72	3.79	4.02	3.27	36.10
" 14	Ericht Dam	4.73	3.76	2.19	5.51	2.95	2.41	2.52	3.34	3.33	3.83	5.30	7.48	47.35
" 15	Blairgowrie (Burnhead)	2.75	3.13	2.15	2.91	1.44	2.26	3.16	4.82	2.27	6.29	3.64	2.12	36.94
" 15	Kirkmichael (Woodhill)	3.63	5.37	2.46	5.69	2.16	2.55	3.39	5.22	2.25	5.47	4.42	3.07	45.68
" 15	Glenshee Lodge	4.47	6.30	3.11	5.75	2.70	2.40	3.84	4.89	2.62	7.34	6.44	4.57	54.43
Angus 1	Glamis Castle	6.55	3.97	2.54	3.57	1.95	2.47	3.29	5.46	2.83	7.24	4.75	2.41	47.03
" 1	Kirriemuir (Balnakeilly)	3.90	3.90	2.75	3.15	2.70	2.50	3.65	6.25	2.20	6.70	5.20	2.75	45.65
" 3	Arbroath (Springfield Park)	3.38	1.81	1.57	1.74	1.04	1.56	1.46	3.01	2.22	5.03	3.34	1.46	27.62
" 3	Forfar Waterworks (Den of Ogil)	6.11	3.57	3.07	3.10	2.03	2.70	4.08	5.09	2.32	10.44	4.74	2.38	49.63
" 4	Montrose (Royal Mental Hospital)	4.45	2.78	1.77	2.25	.78	1.75	2.94	4.90	3.01	8.75	4.56	2.49	40.43
" 4	Loch Lee (Inchgrundle)	5.84	6.51	3.00	5.80	1.63	2.11	4.69	5.20	4.50	13.06	7.94	3.62	63.90
Kincardineshire . . . 2	Stonehaven	4.40	3.30	1.14	1.62	.74	1.97	3.81	4.02	3.01	7.02	5.42	2.92	39.37
" . . . 3	Strachan (Bridge of Dye)	7.26	6.48	2.67	4.04	.98	2.20	5.63	7.17	4.80	13.01	9.08	3.67	66.99
Aberdeenshire 1	Braemar (Bank)	4.88	3.57	1.12	2.87	1.33	1.27	2.55	5.44	3.39	7.63	3.99	2.82	40.86
" 1	Glen Gairn (Gairn Shiel Lodge)	5.50	3.58	1.68	2.16	.78	1.31	2.89	4.62	2.87	10.67	3.67	2.19	41.92
" 1	Lumphphan	4.25	3.20	2.90	1.30	.70	1.50	2.80	5.45	3.00	9.30	4.70	2.07	41.17
" 2	Dyce (Craibstone)	4.83	2.89	1.47	1.46	.94	1.59	4.66	4.38	2.83	9.35	5.80	2.66	42.86
" 3	Haddo House	4.13	2.80	1.81	1.78	.88	2.15	3.41	4.77	2.44	7.07	4.20	1.86	37.30
" 4	New Deer (School House)	4.47	2.95	1.53	2.02	.67	1.41	3.32	4.60	2.40	5.98	5.20	2.41	37.89
" 4	Peterhead (Forehill Works)	3.81	2.50	.89	2.00	1.06	2.21	3.07	4.20	1.89	4.97	4.62	1.95	33.17
" 5	Turriff (Muireask House)	3.88	2.61	1.81	1.80	1.02	1.71	2.99	5.60	2.46	5.61	3.36	1.82	34.67
Banffshire 2	Cabrach (Kirtan)	5.13	2.95	1.65	2.28	1.05	2.60	3.23	6.80	2.69	10.73	5.05	2.27	46.43
" 2	Drummuir Castle	5.17	4.60	1.55	2.26	.67	4.39	3.49	7.34	2.69	7.64	3.50	1.59	44.89
" 3	Ballindalloch	3.50	2.78	1.16	1.71	.49	2.56	2.77	8.35	2.41	5.20	2.20	1.61	34.74
Morayshire 2	Fochabers (Gordon Castle)	3.27	3.37	1.14	1.67	.40	2.66	3.68	7.39	2.15	3.95	1.76	.87	32.31
" 5	Kinloss Airfield	3.12	1.98	.81	1.28	.26	4.22	2.30	6.61	2.01	2.30	1.46	.87	27.22

Table 8C. Monthly and Annual Rainfall, 1960—SCOTLAND (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Nairnshire.....2	Nairn (Achareidh).....	2.73	1.64	.73	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Inverness-shire.....2	Dalwhinnie.....	4.55	5.55	1.19	5.42	.93	3.09	2.20	6.41	2.27	2.06	1.76	1.33	25.83
".....2	Loch Morlich (Glenmore Lodge)....	3.76	3.02	.56	3.07	.67	2.00	2.89	6.03	2.87	3.17	4.43	5.19	45.22
".....3	Carrbridge (Braeval).....	2.22	3.62	.34	1.76	.44	2.50	1.98	9.83	2.87	6.08	3.18	2.83	42.20
".....4	Strath Dearn (Coignafearn Lodge)...	4.27	3.78	.73	6.32	.53	4.04	2.30	6.64	2.71	2.95	1.41	1.93	27.80
".....6	Fort Augustus (Auchterawe).....	3.24	3.08	.88	4.11	.96	3.16	2.67	4.63	3.30	1.34	3.64	6.11	37.12
".....6	Loch Ness (Garthbeg).....	4.64	4.31	.68	2.45	.69	2.19	2.45	6.02	2.33	1.99	2.38	4.66	34.79
".....7	Glen Garry (Kingle Camp).....	5.60	6.75	.96	7.35	2.81	3.02	3.69	6.37	5.34	1.42	7.13	11.30	61.74
".....10	The Aird (Teanaicoll).....	3.98	2.32	.37	3.56	.58	2.21	2.09	6.94	1.97	2.34	1.98	3.30	31.64
".....10	Cannich (Fasnakyle).....	3.47	3.23	1.07	4.22	1.00	1.93	1.67	4.92	2.12	2.41	3.06	6.44	35.54
".....12	Loch Nevis (Inverie Gardens).....	3.84	5.83	2.16	6.51	3.34	6.20	4.58	5.24	5.56	1.29	7.37	9.84	61.76
".....13	Loch Ailort (Inverailort).....	4.76	6.54	1.89	8.61	3.66	4.80	4.36	8.34	6.08	1.30	11.60	10.96	72.90
".....16	Loch Treig (Fersit).....	6.27	6.92	1.21	7.26	2.61	3.14	2.86	4.81	3.27	2.34	6.92	9.54	57.15
".....17	Fort William (Glasdrum).....	5.29	6.06	1.06	6.33	2.79	3.32	4.11	6.56	3.76	1.21	6.57	9.12	56.18
".....18	Rhum (Kinloch Castle).....	7.68	9.01	2.56	8.53	4.26	5.89	5.83	5.00	8.80	2.02	13.76	15.91	89.25
".....18	Skye (Gruila).....	5.27	7.37	2.31	5.72	4.00	5.68	4.97	4.71	5.74	2.19	10.39	11.84	70.19
".....18	Skye (Duntulm, Kilmuir).....	3.16	3.54	1.82	3.34	2.92	4.44	3.00	3.51	3.73	2.00	6.96	7.08	45.50
".....19	Benbecula Airport.....	3.04	2.98	2.78	3.43	2.88	2.75	4.16	3.29	3.87	1.63	5.73	7.41	43.95
".....19	Chlostair (Power Station).....	8.02	3.16	2.44	4.37	3.03	5.25	4.04	7.30	5.51	2.58	7.94	9.04	62.68
".....3	Fortrose.....	2.64	1.46	.47	1.14	.38	2.90	2.71	7.39	2.16	1.94	1.81	1.45	26.45
".....3	Fearn (Geanies).....	1.88	1.37	.88	1.44	.83	3.03	2.82	3.92	2.06	2.12	1.70	1.10	23.15
".....4	Muir of Ord (Fairburn).....	3.77	2.86	.63	2.91	.99	3.05	3.13	7.56	2.55	2.65	1.85	5.10	37.05
".....4	Loch Luichart (The Manse).....	4.03	3.54	.76	4.05	1.24	1.93	2.19	4.81	1.90	2.21	2.49	5.86	35.01
".....4	Alness (Ardross School).....	4.63	2.71	.94	1.80	.62	2.85	2.82	5.15	2.85	3.98	2.39	3.06	33.80
".....7	Inverbroom (Glackour).....	4.42	3.65	.79	4.46	1.58	4.55	3.12	5.09	2.44	2.13	3.81	8.76	44.80
".....7	Strath Kanaird (Power Station).....	5.31	2.33	1.06	3.67	1.24	4.17	3.92	4.61	2.66	2.00	3.83	6.47	41.27
".....8	Loch Maree (Letterewe).....	5.71	5.20	1.37	6.21	2.38	10.88	4.37	6.56	3.93	2.61	6.54	8.66	64.42
".....8	Inverasdale (Midtown).....	4.23	2.87	1.35	4.57	2.35	5.36	3.10	3.99	4.99	1.11	4.82	9.82	48.56
".....9	Loch Duich (Ratagan).....	5.75	5.86	1.60	6.89	3.03	6.28	3.76	7.61	5.40	1.42	6.94	9.95	64.49
".....9	Applecross Gardens.....	4.97	5.52	1.98	4.62	2.06	7.12	4.00	6.12	4.09	2.00	6.33	8.16	56.97
".....9	Achnashellach.....	5.96	7.26	1.34	6.75	3.02	4.47	4.65	6.44	4.17	2.60	5.65	11.82	64.13
".....10	Stornoway Airport.....	4.21	4.35	1.26	3.01	1.69	2.89	3.05	3.13	3.13	1.70	4.04	5.10	37.56
Sutherland.....1	Glenrossal.....	3.86	2.62	.77	2.80	1.61	2.82	2.14	4.26	1.82	2.52	2.56	5.13	32.91
".....1	Overscaig.....	4.03	7.46	1.21	4.75	1.51	3.05	2.82	3.37	2.16	2.79	3.40	7.94	44.49
".....2	Brora (Uppat).....	4.24	2.80	1.62	2.42	.78	3.16	2.21	4.89	2.12	3.89	2.72	3.08	33.93
".....4	Kinbrace (The Hatchery).....	5.10	4.32	1.60	3.51	1.47	.39	3.38	5.03	2.22	5.87	3.63	5.16	41.08
".....4	Loch Choir Lodge.....	5.15	5.20	1.90	4.40	1.30	3.50	3.12	4.63	2.25	5.13	3.82	6.20	46.60
".....4	Tongue.....	4.04	3.14	1.16	2.34	1.59	2.73	1.90	4.56	1.63	2.78	1.61	3.07	30.55

Table 8C. Monthly and Annual Rainfall, 1960—SCOTLAND (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Sutherland.....4	Strathly (Bowside).....	3.58	2.66	1.63	2.17	1.32	2.45	2.25	5.95	1.82	3.60	2.82	3.65	33.90
".....4	Cape Wrath.....	2.87	2.59	.97	3.27	1.62	2.37	3.17	4.26	2.37	1.97	2.08	4.74	32.28
".....6	Lochinver (Culag Hotel)*.....	4.55	2.70	1.66	3.24	1.88	2.83	2.04	4.34	3.00	1.48	3.27	6.09	37.04
Caithness.....1	Berriedale (Langwell).....	4.30	3.64	1.25	2.54	1.25	1.72	1.62	5.45	2.50	3.84	2.35	2.32	32.78
".....2	Wick Airport.....	3.67	5.33	1.07	1.82	.59	1.91	2.89	3.88	2.46	3.01	2.52	2.71	31.86
".....3	Halkirk (Olgrinbeg Power Stn.).....	3.60	4.54	1.17	2.17	1.20	2.23	1.76	4.52	1.55	3.89	3.69	3.04	33.36
Orkney.....	Stenness.....	3.80	3.24	1.30	3.00	1.15	2.15	1.45	2.13	2.10	3.24	3.67	4.61	31.84
".....	Sanday (Start Point).....	3.29	5.27	1.18	2.92	1.45	3.04	1.69	2.60	2.20	2.74	4.24	4.09	34.71
Shetland.....	Lerwick Observatory.....	2.20	5.20	.85	2.91	1.52	2.78	1.35	1.03	2.98	2.96	5.02	4.63	33.43
".....	Baltasound (Halligarth).....	2.91	7.02	1.79	3.54	1.87	2.25	2.38	2.59	3.10	2.96	5.40	5.37	41.18
NORTHERN IRELAND														
Fermanagh.....1	Newtownbutler (Crom Castle).....	4.11	3.46	2.83	3.33	2.81	2.94	6.65	6.04	3.53	2.90	4.84	4.38	47.82
".....1	Enniskillen (Bellevue).....	3.11	3.18	1.95	2.10	2.33	2.63	6.04	5.13	3.17	2.87	4.76	3.20	40.47
".....1	Belleek.....	3.18	4.08	2.02	2.51	3.12	4.04	7.41	6.85	3.97	3.32	4.44	5.64	50.58
".....1	Irvinestown (R.U.C.).....	3.52	2.26	2.66	2.76	2.14	3.16	7.15	5.81	3.08	2.62	5.03	5.33	45.52
Armagh.....5	Armagh Observatory.....	3.12	3.07	2.03	2.52	3.35	2.86	3.88	3.84	3.30	5.08	3.33	3.05	39.43
Down.....1	Newry (Bridge Street House).....	4.22	3.36	2.67	3.80	2.18	2.16	4.61	4.83	3.48	6.23	4.32	2.88	44.74
".....2	Silent Valley (Belfast Waterworks).....	6.34	4.40	6.91	3.90	2.53	2.84	9.05	5.05	4.45	7.79	5.78	5.03	64.07
".....2	Seaforde.....	4.65	2.81	3.13	3.65	2.14	2.07	5.41	5.20	3.54	4.73	4.87	3.29	45.49
".....4	Ballywalter Park.....	3.49	2.62	2.00	2.99	1.90	2.16	5.35	3.86	2.78	4.98	5.18	2.25	39.56
".....5	Hillsborough (Ag. Research Inst.) ..	3.48	2.38	2.32	2.88	1.97	1.99	5.22	6.15	3.07	6.36	3.90	2.84	42.56
".....5	Ballysallagh Reservoir.....	4.56	3.26	3.23	3.42	1.92	2.29	5.74	6.69	3.55	6.70	4.91	2.34	48.61
Antrim.....1	Belfast (Sewage Works).....	3.72	3.12	2.92	3.47	1.78	1.98	4.22	5.24	2.78	5.41	4.31	2.46	41.41
".....2	Larne (Ballycarry).....	4.61	4.20	2.86	3.57	1.64	1.91	6.68	5.39	2.98	6.33	4.48	3.07	47.72
".....3	Cloughmills (Altnahinch).....	5.65	7.15	2.30	3.65	3.31	4.30	8.15	4.95	3.55	7.25	5.40	4.95	60.61
".....3	Ballycastle (Coolgreany).....	4.08	5.83	1.85	2.67	2.22	2.10	6.12	5.20	2.86	6.33	4.55	4.44	48.25
".....5	Aldergrove Airfield.....	3.10	2.10	1.88	2.60	1.80	2.29	5.75	4.75	2.67	3.49	2.78	2.07	35.28
".....5	Ballymena (Harryville).....	3.61	3.98	2.09	2.59	1.76	2.14	5.92	4.37	2.67	3.76	3.37	3.34	39.54
Londonderry.....3	Garvaghy (Moneydig).....	3.77	4.88	1.68	2.56	2.37	3.13	6.22	5.31	2.55	3.52	2.93	3.56	42.54
".....3	Coleraine (The Cutts).....	4.12	4.23	1.43	2.68	2.16	2.56	7.09	9.85	2.83	3.55	3.35	5.03	48.88
".....5	Glendra Lodge.....	6.71	6.35	3.25	5.33	3.29	3.89	8.69	5.82	3.62	7.30	6.20	5.80	66.25
".....5	Londonderry (Creggan Reservoir) ..	4.23	4.86	1.32	2.53	1.77	2.82	4.50	5.93	2.90	3.07	3.61	4.89	42.43
Tyrone.....2	Dungannon Park.....	3.78	2.64	2.98	1.99	2.84	2.69	4.16	5.12	3.08	3.97	4.01	4.15	41.41
".....2	Cookstown (Loughery Agric. Coll.) ..	4.12	3.66	3.08	2.33	3.29	2.59	5.87	5.23	3.08	4.68	3.93	4.04	45.90
".....3	Omagh (Edenfel).....	4.15	3.59	2.25	2.17	2.12	4.09	5.59	4.09	2.69	3.39	3.71	4.72	42.56
".....3	Sion Mills (Sion House).....	4.08	3.23	2.02	3.07	2.05	2.80	5.59	4.74	3.28	3.16	3.59	5.53	43.14

* Lochinver (Bank House) from January to June.

Table 8D. Monthly and Annual Rainfall in 1959 as a Percentage of the Annual Average 1916-1950
ENGLAND

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
London.....2	St. Pancras (Camden Square).....	8.8	.2	6.9	8.5	3.6	6.9	5.3	7.5	.3	8.0	9.9	13.3	79
Surrey.....5	Mickleham (Juniper Hall).....	8.8	.2	10.8	8.9	2.4	1.7	5.1	5.3	.5	9.6	12.0	18.5	84
Kent.....1	Dover (Waterloo Crescent).....	10.9	.1	5.8	11.0	3.4	3.7	6.7	4.2	.3	11.7	23.1	24.9	106
".....2	Ashford.....	8.8	.3	6.3	8.5	2.7	7.7	8.0	3.9	.6	10.4	14.9	22.3	94
".....3	Herne Bay (St. Anne's Home).....	7.9	<.1	5.3	6.9	4.2	7.9	8.9	3.7	1.4	11.1	17.4	17.3	92
".....4	Edenbridge (Falconhurst).....	9.1	.2	7.5	7.6	2.7	3.6	5.2	2.6	.3	12.1	12.8	21.3	85
Sussex.....1	Compton (Compton House).....	11.9	.3	8.4	8.2	.9	2.3	7.0	10.6	.4	9.5	13.0	25.4	98
".....3	Worthing (Beach House Park).....	11.5	.1	5.4	7.9	2.9	3.0	5.2	4.1	.4	8.2	14.0	22.8	85
".....5	Hastings (White Rock).....	11.9	.2	6.0	7.1	2.0	2.0	4.6	1.8	.7	12.0	21.0	24.8	94
Hampshire.....4	Southampton (East Park).....	10.7	.5	10.5	8.6	2.1	3.0	5.2	4.9	.3	9.8	12.1	20.4	88
".....5	Winchester (Recreation Ground).....	11.7	.3	12.7	10.6	1.5	2.9	6.7	6.7	.3	9.6	13.0	24.4	100
".....8	South Farnborough (R.A.E.).....	9.6	.5	9.2	7.5	2.7	3.3	12.7	5.9	.1	8.9	10.4	16.7	87
Berkshire.....4	Woolhampton (Douai Abbey).....	13.8	1.0	10.5	9.3	3.1	5.5	6.2	7.5	.2	10.4	10.2	17.6	95
Hertfordshire.....2	Harpenden (Rothamsted).....	11.6	.2	8.9	8.4	4.6	3.9	16.0	5.7	.5	7.9	8.0	16.1	92
Buckinghamshire.....2	Aylesbury (Sewage Works).....	12.6	.1	7.9	8.0	2.3	9.8	9.0	3.4	.7	7.8	7.4	15.5	85
".....3	Slough (Upton).....	8.7	.4	8.9	9.1	2.6	2.1	10.0	5.4	.2	9.8	9.4	14.3	81
Oxfordshire.....3	Oxford (Radcliffe Met. Station).....	14.4	.3	13.3	8.0	3.9	3.9	9.9	6.7	.8	7.5	6.9	19.0	95
Northamptonshire.....4	Wellingborough (Swanspool).....	14.3	.2	11.2	7.9	1.7	2.3	10.0	3.2	<.1	7.1	7.1	16.8	82
".....4	Ravensthorpe.....	13.1	.2	9.9	9.3	1.6	3.9	6.2	2.6	.3	6.7	8.8	16.4	79
Bedfordshire.....3	Woburn (Experimental Farm).....	14.7	.2	7.9	9.8	2.7	4.0	10.8	3.8	.4	7.8	8.9	15.1	86
Cambridgeshire.....2	Cambridge (Botanic Gardens).....	12.8	.5	11.3	7.6	2.0	8.8	16.9	3.7	.2	6.3	6.8	13.9	91
".....2	March.....	13.1	.7	10.5	6.3	2.3	2.0	8.8	7.7	.3	6.1	5.1	15.0	78
Essex.....1	Hatfield Broad Oak (Barrington).....	8.4	.3	7.3	9.5	3.1	3.3	6.0	2.8	.2	6.4	10.0	15.4	73
".....3	Shoburyness.....	8.0	.3	4.3	7.0	4.3	6.1	5.5	4.1	.8	10.3	14.0	13.4	78
".....5	Earls Colne (Grammar School).....	6.9	.4	6.3	7.8	1.5	4.3	10.2	2.1	<.1	6.8	9.2	15.0	71
Suffolk.....2	Ipswich (Belstead Hall).....	8.2	.7	6.1	7.0	1.1	5.1	8.7	3.6	.1	7.1	9.5	14.0	71
".....4	Lowestoft (Secondary School).....	11.1	.7	3.7	7.9	1.6	1.7	4.9	7.2	<.1	11.5	11.5	12.2	74
".....5	Bury St. Edmunds (Westley Hall).....	9.8	.7	8.1	8.1	1.0	6.1	11.0	2.5	.2	6.8	7.2	12.3	74
Norfolk.....2	Sprouton.....	13.4	.9	4.5	6.8	1.5	3.4	4.7	5.3	.4	9.3	9.8	11.2	71
".....3	Sandringham House Gardens.....	15.0	.7	5.3	5.8	2.1	3.2	7.8	8.6	.5	7.4	6.5	17.5	80
".....3	Cromer (Howards Hill).....	15.8	.9	3.2	8.0	2.4	3.1	13.2	16.4	.4	8.0	9.1	14.8	95
Wiltshire.....3	Mere (Charnage).....	16.0	.9	12.5	7.6	3.8	1.9	5.9	2.5	.5	8.7	9.9	21.4	92
".....3	Porton (C.D.E.E.).....	16.4	.6	13.0	9.3	3.1	2.5	4.1	5.0	.3	10.1	12.5	26.0	103
".....5	Marlborough College.....	15.9	.8	14.4	9.3	4.0	6.7	5.7	5.5	.3	6.8	9.7	23.5	103
Dorset.....3	Creech Grange.....	12.4	1.7	9.3	7.8	2.2	3.8	5.5	4.2	.9	12.1	11.6	22.9	94
".....3	Beaminster (East Street).....	17.8	1.0	11.1	9.8	2.0	3.0	4.0	3.3	.1	9.7	14.3	27.6	104

Table 8D—ENGLAND, 1959 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Devonshire, S.....	Princetown (H.M. Prison).....	15.6	.7	11.1	10.6	2.2	2.9	4.4	3.7	.7	10.7	19.4	22.2	104
"	Teignmouth (Den Gardens).....	15.2	.8	13.4	9.8	4.5	3.0	5.4	9.1	.3	9.4	23.4	20.0	114
"	Clyst Honiton (Exeter Airport).....	11.3	1.0	13.0	7.6	3.4	3.3	6.7	9.5	.5	7.4	21.7	20.2	106
Devonshire, N.....	Ilfracombe (Bowling Green).....	13.3	.6	10.8	7.5	3.8	4.6	10.6	2.8	1.0	15.7	23.1	22.6	116
Cornwall.....	Bude (School House).....	12.3	1.8	10.0	6.6	3.3	2.0	6.8	6.6	.8	13.7	21.7	21.1	107
"	Penzance (Penlee Gardens).....	17.1	1.0	9.5	7.4	3.9	2.4	4.5	3.1	.3	12.5	21.6	24.7	108
"	St. Austell (Poltair Public Gardens).....	15.2	1.3	12.8	8.9	3.2	2.3	4.6	13.5	.3	16.9	18.9	19.5	117
"	Scilly (St. Mary's Coastguard Stn.).....	13.6	.7	9.8	7.7	3.9	1.7	2.9	3.0	.1	13.6	17.7	25.3	100
Somerset.....	Bath (Henrietta Park).....	12.6	.7	9.9	7.7	6.7	5.6	9.4	7.0	.5	9.1	12.2	20.9	102
"	Street (Millfield).....	10.8	.8	13.5	5.8	4.2	3.0	5.0	3.4	.5	10.8	13.8	19.9	91
"	Taunton (Vivary Park).....	12.5	.5	10.6	8.7	2.5	4.0	5.4	4.9	.5	9.4	18.9	21.9	100
Gloucestershire.....	Cheltenham (Montpellier Gardens).....	18.2	.4	8.8	11.7	3.2	4.9	6.7	5.6	.9	8.0	13.2	20.8	102
"	Cirencester (Royal Agric. College).....	13.5	.5	8.8	10.0	3.1	4.7	6.2	6.6	.8	6.4	8.4	19.6	89
Herefordshire.....	Vowchurch (Ladywell House).....	15.0	1.0	8.5	11.0	10.5	8.3	6.1	2.6	.2	10.2	15.0	21.2	113
Shropshire.....	Bromfield (Oakly Park).....	10.6	1.6	7.9	10.9	3.3	7.9	7.1	5.0	.1	9.8	15.0	21.2	100
"	Church Stretton (Sewage Works).....	10.6	.9	7.4	11.6	4.2	5.8	5.1	2.2	.1	10.2	11.5	18.5	88
"	Shrewsbury (Monkmoor).....	14.4	.8	6.3	11.3	5.5	7.8	6.1	2.7	.6	8.4	10.0	16.3	90
Staffordshire.....	Keele (Univ. Coll. of N. Staffs).....	9.6	1.4	5.0	10.9	4.5	3.9	4.7	5.2	.6	5.9	10.4	16.3	78
"	Burton (Shobnall).....	10.9	.9	6.3	9.7	1.2	2.4	8.0	2.1	.2	8.4	12.0	12.1	74
Worcestershire.....	Worcester (Redhill).....	13.4	.4	8.4	11.8	5.8	3.3	5.7	9.2	.7	9.3	16.0	17.2	101
Warwickshire.....	Wellesbourne.....	14.3	.4	7.8	10.4	1.9	1.9	6.7	2.9	.3	9.3	8.2	14.2	78
"	Birmingham (Edgbaston Obs'y).....	12.0	.6	5.7	12.6	3.5	3.0	6.5	8.7	.6	9.8	14.1	16.8	94
"	Thornton Reservoir.....	10.2	.1	7.2	9.5	1.5	3.9	3.9	3.3	.4	8.0	9.4	13.8	71
Leicestershire.....	Melton Mowbray (White Lodge).....	11.9	.2	9.0	7.0	1.8	4.1	4.9	4.0	.2	7.3	8.3	12.9	72
"	Spalding (Pode Hole).....	12.4	.7	11.2	5.4	3.0	2.5	9.6	4.0	1.4	4.4	6.8	14.5	76
Lincolnshire.....	Cranwell Airfield.....	10.5	1.6	7.5	9.8	3.3	2.2	6.6	5.7	.3	5.9	8.3	11.5	73
"	Horncastle.....	11.6	.8	7.8	6.2	1.4	3.6	8.2	5.0	.6	6.5	8.1	13.6	73
"	Skegness (Marine Gardens).....	17.0	.8	7.5	7.2	1.3	3.5	9.1	10.3	.6	7.2	9.3	20.5	94
"	Brigg (Wrawby Road).....	9.8	1.1	6.0	8.6	1.6	4.5	6.8	1.7	.2	7.3	9.7	12.0	69
"	Crowle (N. Level Pump. Stn.).....	7.8	1.1	2.8	8.5	1.4	5.4	5.3	1.9	.1	7.3	9.4	10.0	61
Nottinghamshire.....	Nottingham (The Castle).....	13.0	.6	6.2	10.0	1.6	4.8	6.7	2.6	.4	8.6	7.7	12.1	74
"	Mansfield (Carr Bank).....	12.1	.7	5.8	11.9	3.3	3.5	6.3	2.5	.3	7.1	11.8	15.3	81
Derbyshire.....	Whatstandwell (Meerbrook Sough).....	9.6	.3	6.3	10.7	1.6	3.1	6.6	2.8	.1	7.6	11.5	17.5	78
"	Buxton (Terrace Slopes).....	10.4	1.6	5.3	8.5	1.5	3.2	8.3	2.3	.4	9.3	12.1	18.5	81
Cheshire.....	Northwich (Winnington).....	9.4	.9	3.8	10.1	10.6	8.8	8.4	1.9	.6	8.8	10.9	15.6	90
"	Birkenhead (Bidston Observatory).....	10.8	1.7	4.0	8.3	6.8	10.1	10.9	7.7	1.0	9.7	13.7	14.7	99

Table 8D—ENGLAND, 1959 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Lancashire, South	Ashton-under-Lyne (Knott Hill Res.)	9.5	1.1	4.5	7.8	3.0	6.6	8.6	1.3	.7	7.8	10.2	14.0	75
"	Bolton (Heaton Reservoir)	6.6	1.8	4.1	7.0	4.4	6.1	10.8	1.1	.7	10.0	9.8	15.1	77
"	Squires Gate (Blackpool Airport)	9.4	1.1	5.1	8.1	4.4	9.4	14.6	1.0	.9	10.6	10.8	18.2	94
"	Stonyhurst College	6.7	1.6	3.5	5.2	5.2	7.1	9.4	1.2	1.2	12.0	10.8	14.5	78
"	Morecambe	6.4	3.5	5.3	5.7	5.3	11.0	9.6	.9	1.6	9.8	10.9	20.3	90
Yorkshire, W.R.	Settle (Gasworks)	8.3	1.5	4.9	7.4	1.6	6.2	7.2	1.8	.7	10.9	12.5	20.0	83
"	Sheffield (Weston Park)	11.5	.3	4.9	11.4	3.4	3.9	4.3	2.4	.1	7.3	13.6	15.0	78
"	Huddersfield (Oakes)	10.4	.5	3.7	12.0	4.2	4.3	6.2	1.7	1.0	10.2	10.0	17.3	81
"	Wakefield (Clarence Park)	10.3	.3	3.8	12.5	3.6	6.0	5.7	2.0	.4	6.3	11.9	11.6	74
"	Bingley (St. Ives Research Station)	8.1	.7	4.1	9.8	3.7	5.8	6.9	1.9	.4	11.6	11.6	19.6	84
"	Birdsall Gardens	9.5	1.2	5.5	10.2	1.9	6.3	7.8	1.0	1.2	6.3	12.7	15.2	79
"	Hull (Pearson Park)	9.4	.9	6.1	9.5	1.7	4.6	6.3	1.1	1.1	7.7	9.1	12.4	70
"	Leyburn (Bolton Hall)	9.8	.5	5.7	9.2	1.5	4.9	5.6	1.9	.5	8.8	20.3	21.7	90
"	Felixkirk (Mount St. John)	9.3	1.9	4.0	7.7	2.0	7.1	4.9	.9	.8	5.8	14.9	12.6	72
"	York Museum	8.9	1.1	4.0	12.5	1.8	5.7	9.2	1.2	.7	7.0	11.5	12.3	76
"	Scarborough	13.9	1.6	5.7	11.3	1.8	8.8	10.7	1.2	1.5	7.0	13.9	12.6	90
"	Middlesbrough (Albert Park)	10.6	2.3	2.0	6.2	2.2	6.7	8.1	.7	4.2	5.2	16.3	10.2	75
"	Baldersdale (Hury Reservoir)	7.0	1.5	4.1	8.1	1.0	4.7	5.8	2.2	3.4	8.6	13.6	18.0	78
"	Durham (University Observatory)	7.6	2.2	2.2	5.7	2.0	9.2	4.6	1.0	2.7	3.7	13.4	11.5	66
"	Weardale W.W. (Tunstall Reservoir)	9.2	1.1	3.8	9.0	2.2	7.5	4.1	1.7	2.8	5.9	16.5	15.2	79
Northumberland	Newcastle (Leazes Park)	6.4	2.1	2.0	6.0	1.8	6.4	4.5	.9	2.7	6.9	16.9	10.6	67
"	Bellingham (Highgreen)	5.8	2.2	4.6	7.8	1.4	7.2	7.7	1.0	3.1	7.0	19.3	14.0	81
"	Ilderton (Lilburn Tower Gardens)	7.1	.9	2.0	6.9	1.8	4.3	12.0	1.8	2.4	6.7	21.1	15.5	83
"	Geltsdale	6.3	2.8	4.6	7.9	5.2	8.2	10.6	2.4	4.3	11.8	15.0	13.6	93
Cumberland	Keswick (Derwent Island)	6.3	2.2	6.3	7.5	2.0	6.9	8.0	1.7	2.0	14.4	13.0	17.6	88
"	Ravenglass (The Grove)	4.7	3.3	6.4	7.2	2.6	6.9	6.1	1.2	4.0	13.2	16.4	16.9	89
Westmorland	Appleby Castle	6.6	2.1	3.7	8.3	3.1	11.6	10.0	1.5	3.0	8.3	12.7	12.9	84
"	Ambleside	6.1	3.5	7.2	6.8	2.4	8.3	8.7	1.3	1.9	13.1	14.4	21.0	95
WALES														
Monmouthshire	Abergavenny (Plás Derwen)	14.3	.8	9.7	9.6	6.2	4.1	4.7	3.1	.1	8.5	17.2	29.5	108
Glamorgan	Swansea (Victoria Park)	11.6	.5	10.0	8.4	2.9	9.0	6.5	4.3	1.3	15.5	17.9	20.1	108
"	Cardiff (Penylan)	11.4	.1	7.8	7.6	2.9	4.7	9.4	6.5	.6	13.2	11.7	21.4	98
Carmarthenshire	Conwil-Elvet (Cwmtawel Res.)	11.5	1.7	9.1	9.0	3.3	4.5	8.4	2.7	.5	14.5	23.3	19.1	108

Table 8D—WALES, 1959 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Pembrokeshire.....4	Maenclochog (Ddolwen Bridge).....	9.0	3	6.8	7.7	2.8	3.5	4.2	2.3	.7	16.3	28.9	17.5	101
Cardiganshire.....2	Aberporth.....	11.3	1.0	9.0	8.1	4.4	3.3	5.3	1.7	.9	15.1	22.1	14.3	97
Brecknockshire.....4	Cardiff W.W. (Cantref Reservoir)...	12.3	1.2	10.0	10.4	2.4	4.4	11.1	2.2	.8	11.3	14.2	24.1	104
Radnorshire.....1	Llandrindod Wells (The Common)...	11.9	.9	8.5	9.5	6.0	10.8	9.3	1.2	.5	11.7	12.0	19.5	102
Montgomeryshire.....4	Newtown (Penarth Weir).....	11.2	1.3	6.3	12.6	6.6	7.2	9.4	3.3	.1	8.9	12.3	16.9	96
".....5	Lake Vyrnwy (Experimental Stn.)...	11.5	1.2	5.8	7.7	3.0	5.6	10.4	2.8	.6	13.2	9.3	21.5	93
Flintshire.....1	Hawarden Bridge.....	14.6	.4	4.8	11.9	5.8	8.4	8.1	6.4	1.0	8.6	15.1	16.2	101
Denbighshire.....1	Wrexham W.W. (Pack Saddle Res.)...	12.7	1.3	5.8	15.5	5.7	5.9	6.5	2.3	.4	8.0	12.3	17.4	94
Merionethshire.....3	Blaenau Festiniog (Oakeley Quarry)	6.8	4.0	4.9	6.1	1.6	4.6	7.6	1.4	1.3	11.6	11.7	18.4	80
".....5	Aberdovey (Plás Penhelig).....	11.6	2.9	6.3	10.7	2.5	6.9	8.2	2.9	1.0	13.2	15.2	15.0	96
Caernarvonshire.....2	Llandudno (Cricket Ground).....	16.1	.5	2.7	11.6	4.8	3.6	5.6	2.4	2.0	13.8	14.9	15.5	93
Anglesey.....	Llanerchymedd (Llwydiarth Esgob)...	12.5	2.6	4.1	7.8	3.9	5.0	4.8	.9	2.0	13.7	20.1	14.9	92
THE ISLANDS														
Isle of Man.....	Douglas (Borough Cemetery).....	8.1	3.2	6.7	5.6	2.1	6.1	5.2	.6	3.0	11.2	15.8	22.1	90
Channel Islands.....	St. Peter (Jersey Airport).....	14.7	.3	6.0	8.8	5.3	1.8	2.1	5.6	1.6	10.0	14.2	21.5	92
".....	Guernsey (States Airport).....	15.1	.8	6.5	9.4	3.2	2.2	7.9	10.1	.9	11.7	15.0	25.1	108
SCOTLAND														
Wigtownshire.....4	Newton Stewart (Little Barraer)....	4.7	3.5	7.6	7.0	3.8	6.1	5.9	1.4	5.1	13.2	11.0	17.4	87
Kirkcudbrightshire . 4	Auchencairn (Torr House).....	3.9	3.5	6.5	7.5	1.9	7.3	6.8	1.4	4.5	10.3	19.1	18.1	91
Dumfriesshire.....3	Dumfries (Crichton Royal Inst.).....	4.2	2.6	7.2	7.0	1.9	7.5	6.0	1.6	3.6	11.4	15.6	17.0	86
".....5	Eskdalemuir Observatory.....	6.4	3.3	6.6	7.4	4.8	6.3	8.6	1.6	2.9	10.2	16.3	14.8	89
Roxburghshire.....3	Crailing.....	6.1	2.1	2.9	6.2	1.4	9.3	7.1	1.4	3.8	6.1	16.0	11.5	74
Peeblesshire.....2	Stobo Castle.....	4.0	2.6	4.6	7.8	4.6	6.3	8.2	2.5	2.5	10.6	17.2	14.9	86
Berwickshire.....4	Marchmont House.....	5.1	1.8	2.4	6.4	1.4	8.5	7.0	1.4	1.9	8.2	16.0	10.6	71
East Lothian.....5	North Berwick (East Lodge).....	2.3	1.2	1.5	6.5	2.2	8.6	9.2	1.8	2.3	5.7	14.6	12.3	68
Midlothian.....4	Moorfoot Hills (Rosebery).....	3.7	1.7	2.6	6.1	1.7	5.3	8.6	2.0	1.5	8.4	16.4	12.0	70
".....5	Edinburgh (Blackford Hill).....	3.3	1.9	1.4	6.8	1.5	7.2	8.9	1.5	1.7	6.0	16.2	9.2	66
Lanarkshire.....5	Strathaven (Glengavel Reservoir)...	2.8	5.7	5.2	6.9	3.8	7.6	13.9	2.6	2.7	15.3	13.4	13.5	93
".....5	Hamilton W.W. (Townhill).....	2.8	3.5	4.0	5.2	3.3	6.8	10.1	1.8	1.8	10.9	11.0	12.7	74
Ayrshire.....3	Prestwick Airport.....	3.2	4.0	4.8	4.3	3.1	8.7	11.9	.9	3.9	15.2	10.6	11.5	82

Table 8D—SCOTLAND, 1959 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Ayrshire.....8	Colmonell (Knockdolian).....	% 4.0	% 4.2	% 8.7	% 6.1	% 3.7	% 6.4	% 6.4	% 2.4	% 4.6	% 15.5	% 10.6	% 15.2	% 88
".....13	Glen Afton (Ayrshire Sanatorium)...	4.3	3.3	7.1	8.2	2.7	5.4	9.5	2.4	3.0	14.9	13.1	16.4	90
Renfrewshire.....3	Greenock (Prospect Hill).....	3.3	3.9	6.2	7.8	2.2	5.8	11.5	2.8	2.7	11.3	11.4	17.0	86
Stirlingshire.....1	Stirling (Sauchie House).....	4.1	3.4	5.1	8.5	3.1	5.0	14.6	2.4	2.1	8.0	11.2	15.9	83
Buteshire.....2	Millport (Marine Biological Stn.)...	4.3	5.0	6.8	6.5	3.0	8.4	11.3	1.8	3.6	13.0	11.6	17.1	92
Argyllshire.....2	Morvern (Drimmin).....	6.0	3.9	9.0	7.2	2.0	6.9	11.3	4.4	4.8	13.2	14.6	16.0	99
".....4	Glenleven (Kinlochleven).....	4.1	6.0	7.7	8.4	3.5	6.9	9.5	8.2	3.2	10.8	13.3	14.8	96
".....11	Ardishaig (Canal Office).....	2.9	2.9	7.4	6.7	2.4	7.0	11.8	2.8	3.7	12.9	10.0	14.8	85
".....11	Inveraray Castle Gardens.....	5.7	5.1	5.8	7.0	3.1	5.4	10.5	3.4	4.4	12.6	11.5	16.3	91
".....14	Islay (Eallabus).....	4.4	2.5	6.4	7.8	2.9	4.6	11.4	3.1	3.0	13.1	12.2	18.2	90
".....14	Tiree Airport.....	4.7	2.7	7.8	7.0	1.5	6.1	12.0	3.2	4.8	13.3	12.1	15.7	91
Kinross-shire.....2	Loch Leven Sluice.....	4.0	2.8	4.4	8.0	2.2	6.7	11.6	2.0	2.0	7.9	18.6	15.1	85
Fifeshire.....3	Leuchars Airfield.....	3.3	.8	3.9	7.8	2.1	7.3	12.4	2.9	1.6	4.9	18.6	18.8	84
Perthshire.....1	Loch Dhu.....	4.4	4.2	8.2	7.6	2.5	3.2	8.9	3.4	2.3	11.0	11.8	18.6	88
".....7	Crieff (Strathearn Hydro).....	4.3	2.7	6.7	8.0	3.3	5.7	12.9	2.4	1.7	8.7	15.2	16.8	88
".....12	Killin (Kinnel Gardens).....	3.8	4.0	9.4	8.7	3.1	4.7	7.0	5.2	1.8	11.2	12.4	17.1	88
".....14	Fincastle House.....	6.2	2.0	7.7	8.8	2.8	5.9	12.0	4.2	3.1	14.0	13.4	18.0	98
Angus.....1	Kirriemuir (Balnakeilly).....	4.6	1.5	7.4	10.9	2.5	7.1	10.6	3.3	2.3	9.0	16.1	19.6	95
".....4	Montrose (Royal Mental Hospital)...	4.0	.7	4.4	6.7	5.6	12.3	9.4	1.5	2.4	10.8	18.5	17.7	94
Aberdeenshire.....1	Braemar (Bank).....	6.1	1.1	5.3	7.3	3.3	5.7	7.6	4.2	1.8	13.9	17.6	16.9	91
".....1	Lumphanan.....	8.7	.9	3.7	7.5	4.2	8.1	5.9	2.7	2.1	13.1	22.5	18.3	98
".....2	Dyce (Craibstone).....	7.5	.9	4.5	9.1	4.9	5.5	4.9	2.3	1.8	11.6	14.7	13.3	81
".....4	New Deer (School House).....	14.4	1.6	5.0	5.7	2.9	3.3	7.7	4.2	3.1	12.3	18.5	11.0	90
Banffshire.....3	Ballindalloch.....	11.3	1.6	2.1	4.1	2.7	6.8	7.0	2.7	2.4	11.4	13.5	7.4	73
Morayshire.....2	Fochabers (Gordon Castle).....	12.0	1.3	3.1	5.9	2.0	5.2	9.4	4.0	3.2	13.4	12.7	7.0	79
Inverness-shire.....2	Dalwhinnie.....	6.2	4.1	7.8	7.0	3.6	6.7	8.2	7.3	1.5	15.1	12.9	18.6	99
".....2	Loch Morlich (Glenmore Lodge)...	7.8	1.8	4.3	7.0	3.4	6.6	6.4	3.1	1.4	14.1	14.1	13.1	83
".....6	Loch Ness (Garthbeg).....	8.2	4.2	3.9	7.4	4.8	7.0	7.6	6.8	1.7	11.3	13.1	11.2	87
".....10	Cannich (Fasnakyle).....	7.4	4.1	4.0	9.9	2.3	5.8	9.6	4.8	2.0	13.6	13.1	11.9	88
".....12	Loch Nevis (Inverie Gardens).....	9.3	5.2	8.3	5.7	2.0	7.1	12.2	8.6	5.1	14.1	10.8	12.1	101
".....17	Fort William (Secondary School)...	3.8	7.8	7.8	7.5	1.8	8.3	9.8	7.2	3.9	12.5	13.1	15.1	99
".....18	Skye (Duntulm, Kilmuir).....	10.1	5.6	6.1	8.9	2.3	7.8	13.5	7.9	6.8	11.8	15.6	16.1	113
".....19	Benbecula Airport.....	11.8	3.9	7.6	10.0	2.0	7.9	11.6	6.2	5.8	14.0	14.5	14.8	110
Ross and Cromarty...3	Fearn (Geanies).....	13.1	1.5	9.6	10.4	3.9	4.1	12.6	4.9	4.4	10.8	13.7	4.9	94
".....4	Muir of Ord (Fairburn).....	9.6	3.0	5.8	13.5	3.9	5.1	9.0	6.3	2.2	11.2	10.5	8.6	89
".....7	Inverbroom (Glackour).....	12.8	5.4	4.3	10.2	3.4	8.3	12.9	5.5	3.4	15.6	13.2	11.0	106

Table 8D—SCOTLAND, 1959 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Ross and Cromarty..9	Loch Duich (Ratagan).....	5.5	7.0	8.4	8.2	3.2	10.1	12.0	10.2	4.7	14.8	13.2	13.5	111
"..9	Achnashellach.....	8.3	5.6	6.8	9.2	4.1	8.3	13.8	8.8	6.1	14.2	11.6	11.6	108
"..10	Stornoway Airport.....	19.2	5.4	5.1	13.6	3.6	7.4	10.3	7.2	6.9	14.3	17.3	13.6	124
Sutherland.....1	Glenrossal.....	13.0	2.8	3.8	9.0	5.4	7.5	8.9	5.7	4.4	13.1	11.0	6.8	91
"..4	Strathly (Bowside).....	22.5	1.6	3.3	6.4	5.9	3.8	9.4	7.6	4.0	11.4	15.7	9.2	101
"..4	Cape Wrath.....	15.8	3.6	4.8	6.1	4.8	8.5	11.4	9.6	6.8	12.9	8.6	10.0	103
"..6	Lochinver (Bank House).....	14.5	3.3	4.5	7.1	4.9	10.6	12.5	8.3	5.5	13.7	11.0	10.4	106
Caithness.....2	Wick Airport.....	25.3	1.1	5.6	6.5	5.1	4.9	9.0	6.6	3.4	13.4	14.2	10.5	106
Shetland.....	Lerwick Observatory.....	9.3	3.1	4.0	7.4	3.6	6.7	5.6	5.1	3.3	9.4	13.9	17.9	89
NORTHERN IRELAND														
Fermanagh.....1	Newtownbutler (Crom Castle).....	7.1	3.4	8.0	8.2	4.6	5.6	9.2	3.2	6.3	16.0	10.9	17.5	100
".....1	Belleek.....	6.4	2.7	5.8	7.9	2.9	7.2	8.6	5.4	4.3	16.2	13.0	11.9	92
Armagh.....5	Armagh Observatory.....	6.6	3.0	7.0	8.7	4.0	6.0	10.0	3.1	4.8	11.8	9.7	13.7	88
Down.....1	Newry (Bridge Street House).....	7.0	3.4	9.7	5.5	4.2	3.5	12.8	2.6	5.0	16.6	11.4	19.2	101
".....2	Seaford.....	5.7	2.6	10.7	7.7	4.6	7.0	6.3	1.4	5.9	9.5	9.4	13.5	84
Antrim.....2	Larne (Ballycarry).....	6.6	2.3	6.1	5.4	2.2	4.9	7.2	3.0	3.3	9.7	9.2	14.9	75
".....5	Aldergrove Airfield.....	5.7	3.5	7.4	5.7	2.8	4.6	11.8	2.6	4.8	11.6	8.9	15.2	85
Londonderry.....3	Garvagh (Moneydig).....	6.9	1.7	7.2	7.7	4.1	6.5	7.7	2.5	2.8	11.5	8.6	12.4	80
".....5	Glenedra Lodge.....	5.4	3.5	8.0	9.4	2.2	5.6	7.9	4.3	2.5	10.9	14.9	16.9	91
".....5	Londonderry (Creggan Reservoir) ..	7.7	2.0	5.9	9.3	2.1	4.6	8.4	3.5	2.7	10.5	11.4	9.1	77
Tyrone.....3	Omagh (Edenfel).....	5.9	3.6	8.0	8.8	2.9	6.7	8.5	3.8	3.7	13.2	11.0	13.3	89
England.....	General Values	11.1	.9	7.2	8.6	3.0	4.9	7.4	4.0	.8	8.9	12.6	17.3	87
Wales.....	"	11.9	1.3	7.0	9.6	4.1	5.7	7.5	2.9	.9	12.3	16.1	18.8	98
England and Wales.....	"	11.2	1.0	7.2	8.8	3.2	5.1	7.4	3.8	.8	9.6	13.3	17.6	89
Scotland.....	"	7.4	3.2	5.6	7.6	3.2	6.8	9.8	4.2	3.3	11.8	14.0	14.0	91
Northern Ireland.....	"	6.5	2.9	7.6	7.7	3.3	5.7	8.9	3.2	4.2	12.5	10.8	14.3	87

Table 8D. Monthly and Annual Rainfall in 1960 as a Percentage of the Annual Average 1916-1950
ENGLAND

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
London.....2	St. Pancras (Camden Square).....	6.6	9.8	6.7	2.5	7.7	6.8	12.2	11.5	20.8	22.3	16.8	9.5	133
Surrey.....5	Mickleham (Juniper Hall).....	9.7	7.4	5.6	3.1	6.6	6.0	9.0	11.4	8.8	24.6	17.1	12.2	122
Kent.....1	Dover (Waterloo Crescent).....	14.8	5.9	6.5	4.2	8.7	7.7	11.6	11.5	9.1	26.2	24.7	21.3	152
".....2	Ashford.....	12.4	7.4	5.7	2.4	5.6	3.4	8.5	16.1	8.6	24.6	18.7	14.2	127
".....3	Herne Bay (St. Anne's Home).....	10.2	8.0	6.2	3.2	8.7	7.0	12.2	12.1	12.4	26.9	16.6	12.3	136
".....4	Edenbridge (Falconhurst).....	11.8	8.9	6.9	1.8	5.8	6.2	13.1	17.3	8.6	24.4	19.9	11.7	136
Sussex.....1	West Dean Park.....	10.8	10.7	7.1	2.8	3.6	5.9	10.9	12.1	14.1	26.4	21.4	14.3	140
".....3	Worthing (Beach House Park).....	9.3	11.0	7.1	2.4	6.8	5.2	10.2	19.5	17.5	27.5	20.6	13.6	151
".....5	Hastings (White Rock).....	12.6	7.8	8.3	4.2	11.1	6.9	7.4	15.0	8.8	22.4	23.2	17.1	145
Hampshire.....4	Southampton (East Park).....	12.8	9.4	6.7	3.9	4.6	7.7	14.1	18.9	15.3	22.4	16.9	12.4	145
".....5	Winchester (Recreation Ground).....	13.9	9.3	4.9	3.8	3.3	9.7	15.8	15.2	14.1	28.8	16.7	14.3	150
".....8	South Farnborough (R.A.E.).....	10.5	9.2	5.5	2.3	5.0	5.3	8.9	13.1	11.1	27.9	16.0	11.5	126
Berkshire.....4	Woolhampton (Douai Abbey).....	12.4	8.5	5.0	2.7	6.6	7.1	11.6	8.4	15.3	32.2	13.9	14.0	138
Hertfordshire.....2	Harpenden (Rothamsted).....	9.6	8.9	5.8	2.0	5.5	6.2	11.0	12.3	13.6	22.6	15.2	13.3	126
Buckinghamshire.....2	Aylesbury (Sewage Works).....	9.3	6.5	3.2	2.4	5.2	6.9	18.3	9.6	13.7	19.4	13.5	14.6	123
".....3	Slough (Upton).....	8.1	8.0	4.8	2.1	7.0	6.7	15.8	10.8	12.7	31.3	16.9	9.5	134
Oxfordshire.....3	Oxford (Radcliffe Met. Station).....	12.5	7.8	3.8	2.6	9.4	17.0	16.9	7.7	16.1	21.2	16.2	16.4	148
Northamptonshire.....4	Wellingborough (Swanspool).....	12.7	7.5	7.2	1.9	5.1	9.3	12.9	12.8	17.6	18.4	13.5	11.3	130
".....4	Ravensthorpe.....	15.0	6.0	5.5	2.3	5.1	11.0	14.4	13.5	14.3	21.5	11.9	10.4	131
Bedfordshire.....3	Woburn (Experimental Farm).....	11.7	9.0	6.9	1.6	4.8	15.1	12.7	12.9	14.2	18.1	12.1	14.8	134
Cambridgeshire.....2	Cambridge (Botanic Gardens).....	9.2	5.0	7.4	1.3	3.8	9.2	15.3	13.7	17.8	19.4	15.4	13.8	131
".....2	March.....	11.8	6.3	6.8	1.4	3.1	10.1	12.5	9.7	10.1	19.3	13.8	14.7	120
Essex.....1	Hatfield Broad Oak (Barrington).....	8.2	6.9	4.1	2.1	6.9	6.0	11.0	13.3	22.7	22.2	12.5	11.5	127
".....3	Shoeburyness.....	9.1	5.2	6.4	2.2	10.8	10.3	10.5	16.7	21.6	29.2	15.5	12.5	150
".....5	Earls Colne (Grammar School).....	8.4	5.6	6.3	1.9	5.7	5.5	18.1	10.9	13.7	23.8	14.2	10.7	125
Suffolk.....2	Ipswich (Belstead Hall).....	11.5	5.7	6.8	2.0	2.6	3.7	14.7	14.4	10.9	23.4	14.0	12.6	122
".....4	Lowestoft (Secondary School).....	17.4	4.8	5.9	2.2	1.6	5.8	13.4	12.3	24.0	30.4	13.7	16.8	148
".....5	Bury St. Edmunds (Westley Hall).....	9.7	4.8	5.2	1.6	1.8	15.1	14.2	18.0	13.2	18.8	10.5	11.0	124
Norfolk.....2	Sproston.....	16.1	7.0	4.3	4.2	1.2	4.1	14.7	15.0	16.1	17.3	11.6	15.2	127
".....3	Sandringham House Gardens.....	15.7	6.6	4.2	3.9	3.8	4.1	11.0	13.6	11.0	14.4	17.1	15.9	121
".....3	Cromer (Howards Hill).....	17.1	9.5	5.1	2.9	1.7	3.3	13.2	12.3	16.5	14.9	17.7	15.4	130
Wiltshire.....3	Mere (Charnage).....	11.6	9.0	5.9	5.1	3.4	8.2	10.7	16.2	13.7	22.0	13.7	14.3	134
".....3	Porton (C.D.E.E.).....	13.9	9.7	6.7	4.3	4.5	9.7	13.6	12.7	16.6	29.8	14.5	12.4	148
".....5	Marlborough College.....	13.1	6.6	4.7	5.2	4.3	10.6	10.7	10.8	10.5	24.9	14.6	14.3	131
Dorset.....3	Creech Grange.....	10.0	9.3	6.3	6.4	5.6	4.8	11.3	14.5	18.8	29.8	16.0	11.6	144
".....3	Beamminster (East Street).....	10.7	11.6	7.2	8.2	4.5	3.9	11.7	14.7	13.9	28.3	16.7	11.7	143

Table 8D—ENGLAND, 1960 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Devonshire, S.....4	Princetown (H.M. Prison).....	11.1	10.8	6.8	8.3	3.9	5.2	10.5	7.0	12.9	17.1	17.7	10.2	122
".....5	Teignmouth (Den Gardens).....	12.4	15.4	8.6	6.8	4.9	3.0	10.5	16.1	22.5	30.7	14.5	10.2	156
".....6	Clyst Honiton (Exeter Airport).....	10.0	11.7	6.2	8.4	5.4	2.0	10.2	10.4	17.3	37.0	10.6	9.1	138
Devonshire, N.....1	Ilfracombe (Bowling Green).....	12.6	9.1	5.0	8.2	3.6	3.3	15.1	12.0	10.8	18.3	26.0	17.0	141
Cornwall.....1	Bude (School House).....	12.7	7.8	6.2	9.5	4.8	3.9	13.7	10.8	17.1	27.5	18.6	15.4	148
".....2	Penzance (Penlee Gardens).....	11.8	10.7	9.4	5.8	3.4	3.3	11.9	10.3	13.2	19.7	16.5	17.2	133
".....2	St. Austell (Poltair Public Gardens).....	12.2	10.0	9.0	7.2	5.5	5.7	12.5	5.9	13.5	19.2	15.4	11.9	128
".....2	Scilly (St. Mary's Coastguard Stn.)..	10.6	12.6	9.3	4.9	7.3	5.7	13.5	14.2	11.2	21.6	17.0	14.8	143
".....4	Bath (Henrietta Park).....	11.6	7.8	7.8	4.4	3.7	7.2	13.3	15.1	13.0	24.4	13.4	14.6	136
Somerset.....1	Street (Millfield).....	10.7	8.0	5.2	6.7	3.9	6.6	16.8	18.2	11.0	25.7	11.2	10.0	134
".....2	Taunton (Vivary Park).....	9.3	10.4	8.1	8.6	4.9	3.5	12.0	10.8	12.4	36.4	10.3	12.2	139
".....3	Cheltenham (Montpellier Gardens).....	15.2	8.1	5.2	4.0	6.8	8.3	13.0	21.7	16.0	17.5	16.4	9.0	141
Gloucestershire.....3	Cirencester (Royal Agric. College).....	14.5	8.9	4.6	4.0	5.4	9.7	12.3	8.9	11.8	15.3	16.2	12.0	140
".....7	Vowchurch (Ladywell House).....	14.4	13.4	8.9	7.8	4.8	5.2	7.5	11.2	12.1	22.8	19.3	12.9	144
Herefordshire.....1	Bromfield (Oakly Park).....	18.2	11.3	7.3	4.9	6.0	6.9	9.9	14.1	12.3	20.2	19.8	13.4	144
Shropshire.....3	Church Stretton (Sewage Works).....	18.9	12.0	6.1	4.7	4.7	6.8	11.8	14.7	12.5	20.8	17.3	11.1	141
".....3	Shrewsbury (Monkmoor).....	17.3	7.0	5.5	5.4	4.8	10.1	10.5	23.5	18.5	20.0	15.8	10.6	149
Staffordshire.....3	Keele (Univ. Coll. of N. Staffs).....	15.7	7.1	4.3	4.2	5.9	11.8	12.1	14.5	14.8	13.7	12.6	8.2	125
".....4	Burton (Shobnall).....	22.3	6.3	6.2	3.8	6.4	12.8	11.7	14.3	18.0	21.9	11.8	8.9	144
Worcestershire.....2	Worcester (Redhill).....	21.2	6.5	7.1	4.0	5.1	5.8	11.2	17.7	17.0	23.8	16.6	12.6	149
Warwickshire.....1	Wellesbourne.....	14.1	6.3	3.6	2.6	5.1	8.0	12.1	18.9	13.9	16.3	11.4	12.9	125
".....4	Birmingham (Edgbaston Obs'y).....	19.6	8.0	5.2	4.9	3.8	8.7	11.8	9.6	18.9	19.2	12.1	12.1	133
".....4	Thornton Reservoir.....	20.0	7.6	6.6	4.0	4.4	10.7	15.0	11.0	13.9	18.2	12.8	12.9	137
Leicestershire.....4	Melton Mowbray (White Lodge).....	20.6	7.0	6.1	2.3	4.3	4.8	10.4	16.1	18.1	22.9	11.6	15.7	140
".....2	Spalding (Pode Hole).....	15.5	11.2	4.3	1.9	3.3	4.6	11.5	12.4	11.3	19.4	14.8	14.8	125
Lincolnshire.....3	Cranwell Airfield.....	18.8	8.2	5.9	2.6	3.7	2.3	13.8	16.5	12.3	19.4	12.2	15.3	131
".....3	Horncastle.....	18.2	8.8	5.3	3.5	2.4	1.1	11.3	12.0	8.9	47.8	12.4	14.4	146
".....3	Skewness (Marine Gardens).....	17.6	10.1	4.9	3.6	2.2	2.5	17.5	20.2	12.7	23.1	16.2	19.0	150
".....4	Brigg (Wrawby Road).....	16.2	8.1	5.7	5.5	5.6	2.0	17.8	10.7	9.2	20.1	13.7	13.3	128
".....5	Crowle (N. Level Pumping Stn.).....	17.9	6.1	4.8	3.1	2.8	2.0	14.0	9.6	8.3	20.2	14.7	9.0	113
".....7	Nottingham (The Castle).....	19.2	7.1	5.3	4.4	4.1	6.2	14.0	16.0	16.2	18.0	10.9	12.8	134
Nottinghamshire.....5	Mansfield (Carr Bank).....	17.5	9.7	7.6	3.6	4.6	4.4	10.8	10.5	14.8	21.9	14.6	11.6	132
".....5	Whatstandwell (Meerbrook Sough).....	16.9	10.2	6.9	5.2	5.9	7.3	10.6	14.4	15.0	19.2	14.7	11.7	138
Derbyshire.....6	Buxton (Terrace Slopes).....	15.4	7.8	4.7	5.9	4.9	5.7	12.6	9.8	9.9	14.2	15.2	11.9	118
".....6	Northwich (Winnington).....	15.8	7.6	3.9	4.5	6.6	7.2	14.1	16.5	10.8	12.0	15.2	9.7	124
Cheshire.....2	Birkenhead (Bidston Observatory).....	15.0	4.8	4.9	3.9	8.5	2.9	10.7	12.5	11.2	11.5	19.8	8.1	114

Table 8D—ENGLAND, 1960 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Lancashire, South ... 3	Ashton-under-Lyne (Knott Hill Res.)	12.4	5.6	1.9	5.5	4.8	4.6	14.3	16.4	8.6	10.1	14.0	9.8	108
" " ... 3	Bolton (Heaton Reservoir)	13.2	6.4	3.6	5.2	5.9	3.8	17.6	13.0	8.6	11.0	16.3	10.2	115
" " Central ... 1	Squires Gate (Blackpool Airport)	14.0	7.4	4.8	5.3	8.3	3.8	10.7	15.8	9.2	10.5	23.4	10.1	123
" " " ... 1	Stonyhurst College	12.1	5.5	2.4	5.4	5.7	3.2	20.6	13.0	6.5	6.9	17.2	11.4	108
" " North ... 3	Morecambe	14.7	9.1	3.8	8.1	5.7	3.2	14.9	13.7	10.0	7.7	20.2	11.7	123
Yorkshire, W.R. 7	Sheffield (Weston Park)	17.7	10.0	6.7	5.0	6.0	5.3	8.3	10.3	14.0	23.0	14.9	11.7	133
" " " ... 8	Huddersfield (Oakes)	16.2	6.9	5.4	5.0	5.3	3.0	12.4	17.1	7.7	15.4	19.0	12.1	126
" " " ... 8	Wakefield (Clarence Park)	18.3	5.5	5.8	2.9	4.2	3.3	10.8	17.5	12.2	22.7	17.3	8.8	129
" " " ... 9	Bingley (St. Ives Research Station)	13.9	8.8	4.8	5.2	4.9	2.6	12.5	10.6	7.7	14.3	18.8	12.5	117
" " " ... 9	Settle (Malham Tarn)	11.4	8.7	3.1	6.1	3.8	4.5	16.1	6.5	7.1	8.6	16.0	10.8	103
" " E.R. 2	Birdsall Gardens	19.5	7.8	4.3	4.0	3.9	2.4	16.6	12.5	10.8	20.7	15.5	12.3	130
" " " ... 3	Hull (Pearson Park)	18.7	6.9	3.6	4.8	3.3	1.1	12.0	9.1	9.3	21.9	16.0	13.5	120
" " N.R. 1	Leyburn (Bolton Hall)	14.6	8.9	7.6	5.3	4.5	2.2	12.0	8.7	9.9	19.3	15.8	13.3	122
" " " ... 2	Felixkirk (Mount St. John)	16.1	8.1	3.7	3.0	3.4	2.0	18.9	10.4	10.4	23.4	13.8	10.9	124
" " " ... 3	York Museum	18.9	6.6	3.9	3.9	2.7	2.6	23.6	11.1	12.6	20.6	16.7	9.1	132
" " " ... 5	Scarborough	20.0	6.7	5.0	3.1	3.1	1.2	11.7	11.1	11.2	31.2	15.0	13.9	133
" " " ... 6	Middlesbrough (Albert Park)	15.9	7.0	4.9	2.4	3.2	1.9	20.2	12.0	9.4	21.8	11.6	12.0	122
" " " ... 6	Baldersdale (Hury Reservoir)	14.7	7.1	6.2	6.3	5.3	3.1	12.2	7.6	7.8	18.1	15.6	13.9	118
" " " ... 2	Durham (University Observatory)	16.1	8.5	6.6	4.1	7.4	.8	12.6	8.9	8.4	25.8	10.6	7.3	117
" " " ... 2	Weardale Waterworks (Tunstall Res.)	15.7	10.2	9.2	4.7	6.9	1.6	14.4	10.3	10.4	29.7	11.2	8.9	133
Northumberland ... 3	Newcastle (Leazes Park)	16.9	7.1	6.1	2.6	6.8	.8	16.3	12.7	7.5	22.6	9.5	7.5	116
" " " ... 1	Bellingham (Highgreen)	11.4	11.9	7.5	5.4	5.8	7.3	10.2	9.3	6.1	13.3	12.7	10.6	111
" " " ... 4	Ilderton (Lilburn Tower Gardens)	15.5	12.6	5.0	4.2	7.8	3.6	12.8	10.3	7.7	22.7	9.6	8.8	121
" " " ... 6	Geltsdale	14.5	7.9	3.4	6.2	5.5	4.5	14.4	10.0	5.2	8.5	13.6	9.4	103
Cumberland ... 1	Keswick (Netherholme)	12.2	11.8	2.8	7.2	4.3	3.7	10.4	8.1	6.8	6.9	21.5	11.0	107
" " " ... 2	Ravenglass (The Grove)	12.6	11.7	2.9	9.8	5.7	3.6	12.8	8.8	10.0	4.4	20.0	9.4	112
" " " ... 3	Appleby Castle	12.0	11.7	2.3	5.6	4.1	3.9	13.8	6.7	5.4	5.6	17.5	9.4	98
Westmorland ... 1	Ambleside	16.2	13.2	2.4	8.5	4.6	4.8	10.1	6.0	6.2	7.7	19.1	11.5	110
" " " ... 2														
WALES														
Monmouthshire ... 3	Abergavenny (Plás Derwen)	14.2	12.7	8.4	9.1	4.3	3.7	6.6	11.3	11.9	25.0	21.5	11.7	140
Glamorgan ... 3	Swansea (Victoria Park)	13.6	11.8	4.7	8.2	3.8	4.6	15.0	12.5	13.6	16.5	24.2	14.1	143
" " " ... 7	Cardiff (Penylan)	9.9	6.9	4.8	6.9	3.2	4.9	13.6	12.5	13.7	20.0	18.8	15.5	132
Carmarthenshire ... 2	Conwil-Elvet (Cwmtawel Reservoir)	12.6	13.5	4.2	8.5	5.4	5.0	12.5	11.2	14.4	15.9	21.7	10.9	136

Table 8D—WALES, 1960 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Pembrokeshire.....4	Maenclochog (Ddolwen Bridge).....	14.5	10.3	5.1	8.6	3.7	5.4	11.3	8.6	12.3	15.1	19.7	10.9	125
Cardiganshire.....2	Aberporth.....	12.6	10.8	5.6	8.9	4.5	4.2	8.6	9.5	13.3	14.5	19.7	12.1	124
Brecknockshire.....4	Cardiff W.W. (Cantref Reservoir)...	13.9	12.0	4.6	9.0	2.9	5.5	12.5	7.8	8.6	13.0	24.2	15.0	129
Radnorshire.....1	Llandrindod Wells (The Common)...	15.1	11.9	5.0	7.1	3.9	4.9	7.8	8.4	10.3	15.9	19.3	14.9	125
Montgomeryshire.....4	Newtown (Penarth Weir).....	15.9	9.9	5.1	5.2	2.7	5.1	6.5	13.9	13.0	17.9	17.6	12.8	126
".....5	Lake Vyrnwy (Experimental Stn.) ..	14.7	10.4	4.5	7.2	3.2	4.2	9.8	10.3	7.9	10.4	20.9	15.1	119
Flintshire.....1	Hawarden Bridge.....	17.5	7.8	7.3	4.5	6.9	3.2	8.4	15.6	11.3	17.2	16.7	10.7	127
Denbighshire.....1	Wrexham W.W. (Pack Saddle Res.)	18.7	11.9	5.9	4.2	5.8	4.3	6.2	10.8	13.5	16.8	19.0	9.7	127
Mertonethshire.....3	Blaenau Festiniog (Oakeley Quarry)	13.7	7.5	3.2	6.0	2.9	4.4	9.9	5.6	9.1	6.5	18.3	11.6	99
".....5	Aberdovey (Plas Penhelig).....	15.3	9.5	3.5	6.5	3.6	6.9	11.7	13.1	15.9	8.1	23.1	14.9	132
Caernarvonshire.....2	Llandudno (Cricket Ground).....	19.7	7.0	6.0	4.3	3.8	2.3	6.0	11.6	12.9	9.8	22.0	12.8	118
Anglesey.....	Llanerchymedd (Llwydiarth Esgob).	16.1	11.6	4.1	6.4	3.0	2.9	8.6	6.9	10.1	11.1	22.6	12.0	115
THE ISLANDS														
Isle of Man.....	Douglas (Borough Cemetery).....	12.3	8.6	5.0	7.9	6.4	4.0	13.4	6.3	9.7	12.4	19.4	12.2	118
Channel Islands.....	St. Peter (Jersey Airport).....	9.5	10.9	6.6	4.4	7.9	4.2	12.5	16.0	7.0	15.8	17.6	18.3	131
".....	Guernsey (States Airport).....	11.0	11.2	9.8	6.4	8.8	4.1	13.9	12.4	9.4	27.2	21.3	17.8	153
SCOTLAND														
Wigtownshire.....4	Newton Stewart (Little Barraer).....	10.5	10.9	5.4	8.6	4.8	5.3	9.6	10.9	8.3	9.2	16.1	9.9	109
Kirkcudbrightshire.....4	Auchencarn (Torr House).....	11.2	10.8	4.7	10.2	4.5	5.4	12.0	9.8	9.8	9.1	17.1	9.4	114
Dumfriesshire.....3	Dumfries (Crichton Royal Inst.)....	10.5	13.1	3.6	10.2	3.8	5.2	9.9	8.8	8.2	7.8	17.3	7.8	106
".....5	Eskdalemuir Observatory.....	11.4	12.7	3.6	9.2	5.1	6.2	7.1	9.4	5.9	4.8	12.7	10.5	99
Roxburghshire.....3	Crailing.....	8.8	9.5	6.2	4.0	3.5	4.0	9.8	15.3	4.0	11.7	8.8	9.1	95
Peeblesshire.....2	Stobo Castle.....	9.2	10.4	5.3	7.8	5.4	3.3	8.0	14.4	4.9	7.6	14.7	12.1	103
Berwickshire.....4	Marchmont House.....	15.6	7.5	6.1	4.3	4.4	3.5	11.1	11.2	5.8	25.6	7.8	7.1	110
East Lothian.....5	North Berwick (East Lodge).....	13.0	6.4	3.7	3.3	4.2	2.6	8.7	13.2	7.2	13.7	10.4	8.3	95
Midlothian.....4	Moorfoot Hills (Rosebery).....	11.3	9.2	5.1	4.4	3.8	3.5	8.0	12.7	4.4	9.1	9.8	10.3	92
".....5	Edinburgh (Blackford Hill).....	9.2	7.0	4.3	2.9	5.0	3.8	9.0	16.1	4.4	10.3	7.6	9.0	89
Lanarkshire.....5	Strathaven (Glengavel Reservoir)...	10.7	7.7	4.2	6.2	3.4	4.1	8.1	6.6	5.8	5.4	14.0	15.4	92
".....5	Hamilton Waterworks (Townhill)...	7.9	9.9	4.5	6.5	5.4	4.6	8.0	7.5	6.0	5.8	14.4	14.5	95
Ayrshire.....3	Prestwick Airport.....	10.7	7.5	7.7	6.0	3.6	5.7	7.1	9.4	7.7	4.9	11.0	12.3	94

Table 8D—SCOTLAND, 1960 (continued)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Ayrshire.....8	Colmonell (Knockdolian).....	% 6.7	% 12.0	% 3.7	% 8.2	% 4.7	% 4.6	% 10.3	% 10.7	% 8.9	% 6.5	% 15.6	% 10.3	% 102
".....13	Glen Afton (Ayrshire Sanatorium)...	7.9	10.5	3.5	10.3	3.6	6.1	6.4	6.8	7.4	6.6	20.2	11.7	101
Renfrewshire.....3	Greenock (Prospect Hill).....	7.9	9.6	5.2	11.6	4.8	5.3	7.5	5.6	5.6	5.1	13.7	12.2	94
Stirlingshire.....1	Stirling (Sauchie House).....	9.4	9.5	5.3	9.2	7.8	5.4	7.9	7.6	7.1	9.5	12.6	9.6	101
Buteshire.....2	Millport (Marine Biological Stn.)...	7.2	8.5	4.6	10.5	5.2	5.7	9.6	8.0	7.7	6.0	14.9	13.5	101
Argyllshire.....2	Morvern (Drimmin).....	5.5	7.9	3.0	7.0	4.3	5.7	7.0	7.5	6.6	3.8	15.5	12.9	87
".....4	Glenleven (Kinlochleven).....	7.6	7.4	1.7	10.6	5.0	5.3	5.2	7.5	4.8	3.9	10.3	10.9	80
".....11	Ardishaig (Canal Office).....	6.3	8.4	3.9	9.0	4.1	4.4	8.2	7.5	5.5	5.2	12.8	14.1	89
".....11	Inveraray Castle Gardens.....	6.8	6.3	3.3	8.6	4.4	5.9	6.7	5.0	5.1	4.4	10.1	12.8	79
".....14	Islay (Eallabus).....	6.3	10.3	3.5	7.0	4.5	2.7	8.9	6.8	6.1	12.2	13.0	14.5	96
".....14	Tiree Airport.....	6.3	7.6	5.2	6.5	4.5	6.7	7.8	6.3	8.4	4.7	14.1	13.5	92
Kinross-shire.....2	Loch Leven Sluice.....	11.1	7.3	6.2	5.3	9.2	5.1	10.7	13.2	5.0	14.4	11.6	9.9	109
Fifeshire.....3	Leuchars Airfield.....	15.8	8.4	6.3	7.5	6.6	5.5	11.7	16.2	5.8	18.6	12.5	8.1	123
Perthshire.....1	Loch Dhu.....	8.8	10.8	4.7	12.2	6.4	5.4	8.2	7.0	5.7	8.0	13.8	12.1	103
".....7	Crieff (Strathearn Hydro).....	9.5	10.8	6.6	8.3	9.4	5.2	9.6	12.2	6.7	12.0	12.2	11.5	114
".....12	Killin (Kinnell Gardens).....	5.9	10.5	3.6	11.7	6.3	4.0	4.8	7.3	5.9	8.2	13.2	13.6	95
".....14	Fincastle House.....	7.4	10.4	5.3	10.4	6.6	6.1	7.2	7.2	7.4	10.3	10.9	8.9	98
Angus.....1	Kirriemuir (Balnakeilly).....	10.6	10.6	7.5	8.6	7.4	6.8	9.9	17.0	6.0	18.2	14.2	7.5	124
".....4	Montrose (Royal Mental Hospital)...	15.5	9.7	6.2	7.9	2.7	6.1	10.3	17.1	10.5	30.5	15.9	8.7	141
Aberdeenshire.....1	Braemar (Bank).....	13.3	9.8	3.1	7.9	3.6	3.5	7.0	14.9	9.3	20.9	10.9	7.7	112
".....1	Lumphanan.....	13.4	10.1	9.2	4.1	2.2	4.7	8.8	17.2	9.5	29.4	14.8	6.5	130
".....2	Dyce (Craibstone).....	14.2	8.5	4.4	4.3	2.8	4.7	13.7	12.9	8.3	27.6	17.1	7.8	126
".....4	New Deer (School House).....	12.8	8.4	4.4	5.8	4.6	4.0	9.5	13.1	6.9	17.1	14.9	6.9	108
Banffshire.....3	Ballindalloch.....	10.0	8.0	3.3	4.9	1.4	7.4	8.0	24.0	6.9	15.0	6.3	4.6	100
Morayshire.....2	Fochabers (Gordon Castle).....	11.1	11.4	3.9	5.6	1.4	9.0	12.4	25.0	7.3	13.4	6.0	2.9	109
Inverness-shire.....2	Dalwhinnie.....	9.2	11.3	2.4	11.0	3.9	4.1	5.9	12.2	5.8	6.4	9.0	10.5	92
".....2	Loch Morlich (Glenmore Lodge)...	9.4	7.5	1.4	7.7	1.7	9.4	6.4	24.6	7.2	15.2	7.9	7.1	105
".....6	Loch Ness (Garthbeg).....	11.8	11.0	1.7	6.2	1.8	5.6	6.2	15.3	5.9	5.1	6.1	11.9	89
".....10	Cannich (Fasnakyle).....	8.2	7.7	2.5	10.0	2.4	4.6	4.0	11.7	5.0	5.7	7.3	15.3	84
".....12	Loch Nevis (Inverie Gardens).....	4.6	6.9	2.6	7.7	4.0	7.4	5.4	6.2	6.6	1.5	8.8	11.7	73
".....17	Fort William (Glasdrum).....	6.7	7.7	1.3	8.0	3.5	4.2	5.2	8.3	4.8	1.5	8.4	11.6	71
".....18	Skye (Duntulm, Kilmuir).....	5.9	6.7	3.4	6.3	5.5	8.4	5.6	6.6	7.0	3.8	13.1	13.3	86
".....19	Benbecula Airport.....	6.8	6.6	6.2	7.6	6.4	6.1	9.3	7.3	8.6	3.6	12.8	16.5	98
Ross and Cromarty...3	Fearn (Geanies).....	8.0	5.8	3.7	6.1	3.5	12.8	12.0	16.6	8.7	9.0	7.2	4.7	98
".....4	Muir of Ord (Fairburn).....	10.1	7.6	1.7	7.8	2.6	8.1	8.3	20.2	6.8	7.1	4.9	13.6	99
".....7	Inverbroom (Glackour).....	7.7	6.4	1.4	7.8	2.8	8.0	5.5	8.9	4.3	3.7	6.7	15.3	78

Table 8D—SCOTLAND, 1960 (concluded)

County and River Division	Station	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
		%	%	%	%	%	%	%	%	%	%	%	%	%
Ross and Cromarty...9	Loch Duich (Ratagan).....	7.2	7.3	2.0	8.6	3.8	7.8	4.7	9.5	6.7	1.8	8.6	12.4	80
"...9	Achnashellach.....	7.4	9.0	1.7	8.3	3.7	5.5	5.7	8.0	5.1	3.2	7.0	14.6	79
"...10	Stornoway Airport.....	10.7	11.0	3.2	7.6	4.3	7.3	7.7	7.9	7.9	4.3	10.2	12.9	95
Sutherland.....1	Glenrossal.....	8.6	5.8	1.7	6.2	3.6	6.3	4.8	9.5	4.0	5.6	5.7	11.4	73
"...4	Strathay (Bowside).....	8.4	6.2	3.8	5.1	3.1	5.7	5.3	13.9	4.2	8.4	6.6	8.5	79
"...4	Cape Wrath.....	6.1	5.5	2.0	6.9	3.4	5.0	6.7	9.0	5.0	4.2	4.4	10.0	68
"...6	Lochinver (Culag Hotel).....	9.3	5.5	3.4	6.7	3.9	5.8	4.2	8.9	6.2	3.0	6.7	12.5	76
Caithness.....2	Wick Airport.....	12.2	17.8	3.6	6.1	2.0	6.4	9.6	12.9	8.2	10.0	8.4	9.0	106
Shetland.....	Lerwick Observatory.....	5.4	12.8	2.1	7.2	3.8	6.9	3.3	2.5	7.4	7.3	12.4	11.5	83
NORTHERN IRELAND														
Fermanagh.....1	Newtownbutler (Crom Castle).....	10.4	8.8	7.2	8.5	7.1	7.5	16.9	15.4	9.0	7.4	12.3	11.3	122
"...1	Belleek.....	6.6	8.4	4.2	5.2	6.4	8.3	15.3	14.2	8.2	6.9	9.2	11.7	105
Armagh.....5	Armagh Observatory.....	9.4	9.2	6.1	7.6	10.1	8.6	11.7	11.5	9.9	15.3	10.0	9.2	119
Down.....1	Newry (Bridge Street House).....	10.9	8.7	6.9	9.8	5.6	5.6	11.9	12.5	9.0	16.1	11.2	7.4	116
"...2	Seaforde.....	11.2	6.8	7.6	8.8	5.2	5.0	13.1	12.6	8.6	11.4	11.8	8.0	110
Antrim.....2	Larne (Ballycarry).....	11.1	10.1	6.9	8.6	3.9	4.6	16.0	12.9	7.2	15.2	10.8	7.4	115
"...5	Aldergrove Airfield.....	8.9	6.1	5.4	7.5	5.2	6.6	16.6	13.7	7.7	10.1	8.0	6.0	102
Londonderry.....3	Garvagh (Moneydig).....	8.9	11.5	4.0	6.0	5.6	7.4	14.7	12.7	6.0	8.3	6.9	8.4	100
"...5	Glenedra Lodge.....	11.0	10.4	5.3	8.7	5.4	6.4	14.2	9.5	5.9	11.9	10.1	9.5	108
"...5	Londonderry (Creggan Reservoir) ..	9.2	10.5	2.9	5.5	3.8	6.1	9.8	12.9	6.3	6.7	7.8	10.6	92
Tyrone.....3	Omagh (Edenfel).....	9.7	8.4	5.3	5.1	4.9	9.6	13.0	9.6	6.3	7.9	8.7	11.0	99
England.....	General Values	14.1	8.4	5.6	4.4	5.1	5.7	13.0	12.8	12.6	20.9	15.5	12.3	130
Wales.....	"	14.9	10.3	5.1	6.9	4.0	4.5	9.7	10.6	12.0	14.6	20.6	12.8	126
England and Wales....	"	14.3	8.8	5.5	4.9	4.9	5.5	12.3	12.4	12.5	19.6	16.5	12.4	129
Scotland.....	"	9.3	9.0	4.0	7.5	4.3	5.7	7.9	11.2	6.6	9.4	11.2	10.7	97
Northern Ireland.....	"	9.8	9.0	5.6	7.4	5.7	6.9	13.9	12.5	7.6	10.7	9.7	9.1	108

9 Seasonal Rainfall 1958/59, 1959/60

This section deals with the rainfall of the two seasonal years, October 1 to September 30, 1958/9 and 1959/60, and also with the winter and summer six-month season (October 1 to March 31, April 1 to September 30) within these two seasonal years.

As introduced for the first time in *British Rainfall* 1958, Table 9A contains rainfall values for the winter and summer seasons expressed as a percentage of the annual average for each station. The table gives in the fourth column the corresponding percentages of average for the whole seasonal year, calculated independently. A supplementary table, following the main tables, gives mean percentage values for England, Wales, Scotland and Northern Ireland for both 1958/59 and 1959/60, together with, in smaller type, each seasonal average expressed as a percentage of the 1916–50 annual average. As far as possible, the stations used in Table 9A are the same as those used in the Table 8D. Monthly percentage values are given in Table 8D and monthly values in inches are included in Table 8C.

Table 9B, printed in this form for the first time in *British Rainfall* 1958, is given again for purposes of comparison. It shows annual percentages of average for the seasonal year from 1920/21 onwards, for England and Wales, Scotland and Northern Ireland, and the corresponding winter and summer half-years expressed as percentages of the annual averages (1916–50). As in Table 9A, the values for the appropriate winter and summer seasons should total to the annual figure, but there are a few variations of ± 1 per cent.

The four maps for the winter and summer half-years of 1959 and 1960 are based on the seasonal amount of the appropriate six-month average. Prior to 1958 the percentages in columns 2 and 3 of Table 9A gave these values

for the various stations, but as mentioned above, the table now gives percentages of the annual average at each station.

1958/59

In the *winter half-year*, *October* was dry over much of the United Kingdom, *November* was very dry, whilst *December* was dry in the west. Much of the south-east and north of England and west Wales, most of Scotland and the whole of Northern Ireland was dry in *January*; *February* was so dry generally that a number of stations in the Midlands and the south-east of England reported absolute droughts for the whole month. Large areas were also dry in *March* especially parts of eastern England, the northern half of England and Wales, south, north-east and north Scotland. The seasonal map for the winter half-year shows that most of the United Kingdom had considerably less than the average, with minor excesses in the neighbourhood of the Dornoch Firth, and over parts of southern England between the Wash and North Devon.

The *summer half-year* was also dry; small excesses occurred only in north-west Scotland. The monthly percentage maps in Section 8 show that, with considerable dry areas every month, except April, it was May, August and September which were especially dry; absolute droughts throughout September occurred at a number of places in east and central England. Table 9B shows that the summer for England and Wales, with only 29 per cent, was the driest since that of 1920/21 with 28 per cent and that in Northern Ireland only the summer of 1933, with 32 per cent, of the annual average, was drier.

The map and tables for the *seasonal year* show that the United Kingdom was dry almost everywhere. Table 9B shows that in the series from 1920/21, for England and

Wales, only 1948/49 (73 per cent) and 1920/21 (70 per cent) were drier than 1958/59 and that for Northern Ireland the seasonal year was the driest recorded.

1959/60

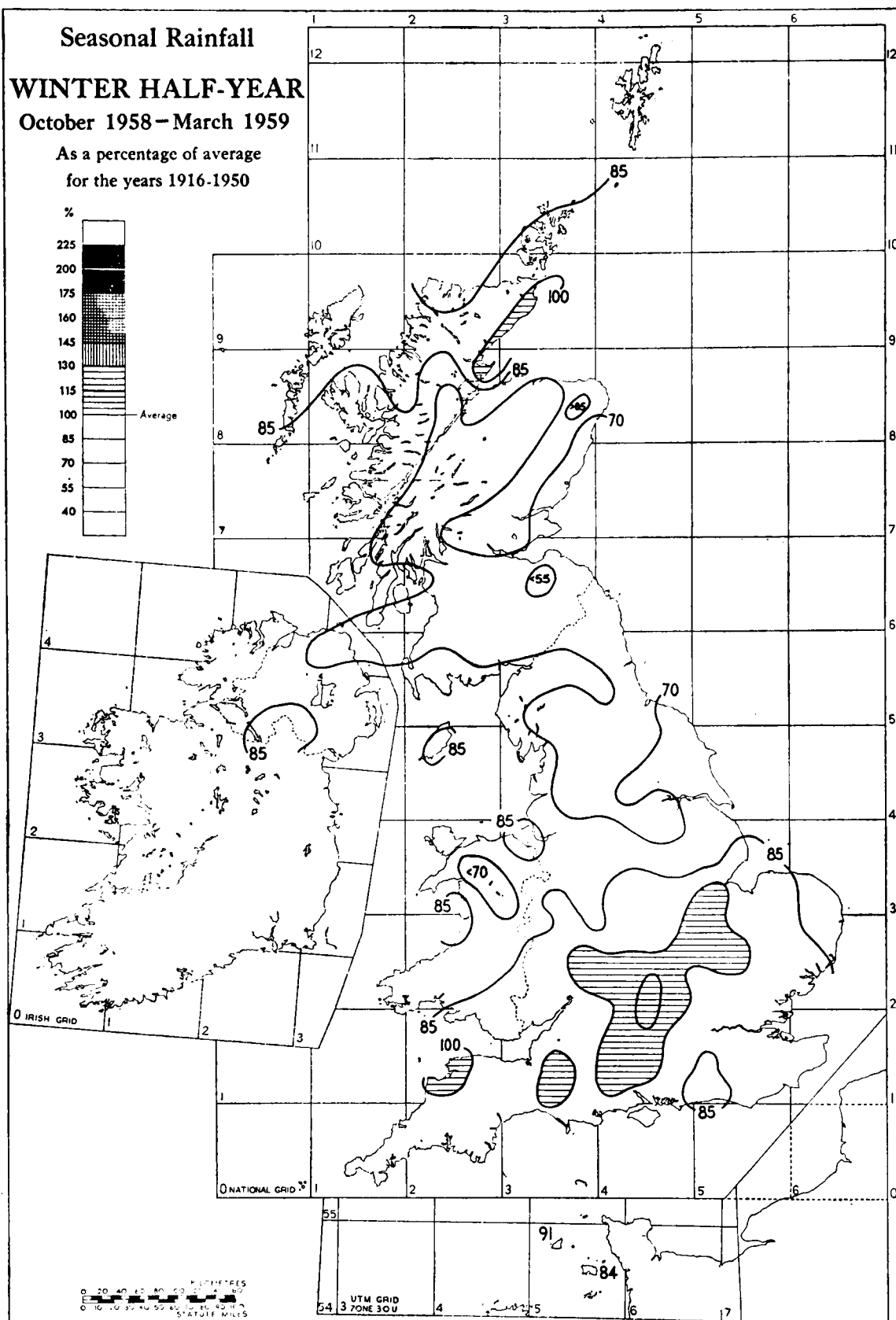
In the *winter half-year*, *October* was dry over much of the east of Great Britain. In *November*, it was dry again over much of central southern England, from the Thames Valley to the Humber, but wet in most other parts with more than two and a half times the average in Pembrokeshire. In *December*, most of the United Kingdom was wet with more than two and a half times the average at places from the Isle of Wight to Monmouthshire. *January* was very dry over most of the west of Scotland. *February* was mostly variable but very wet in north-east Scotland, but *March* was again mainly dry especially in north-west Scotland. The six months as a whole were wet (except over the Western Highlands of Scotland) with excesses of more than 40 per cent over large areas of the south-west of Great Britain.

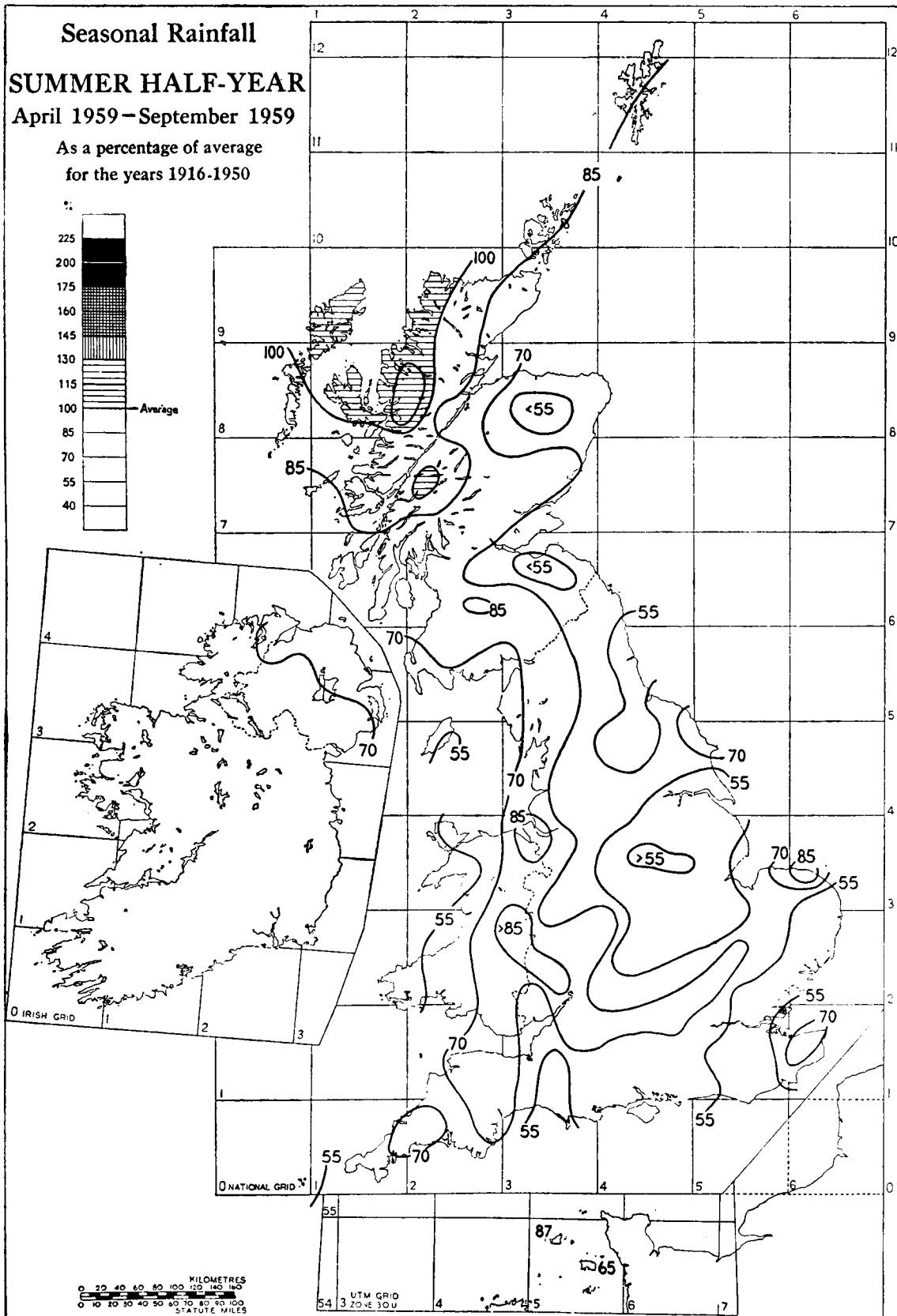
The *summer half-year*. *April* was dry in the

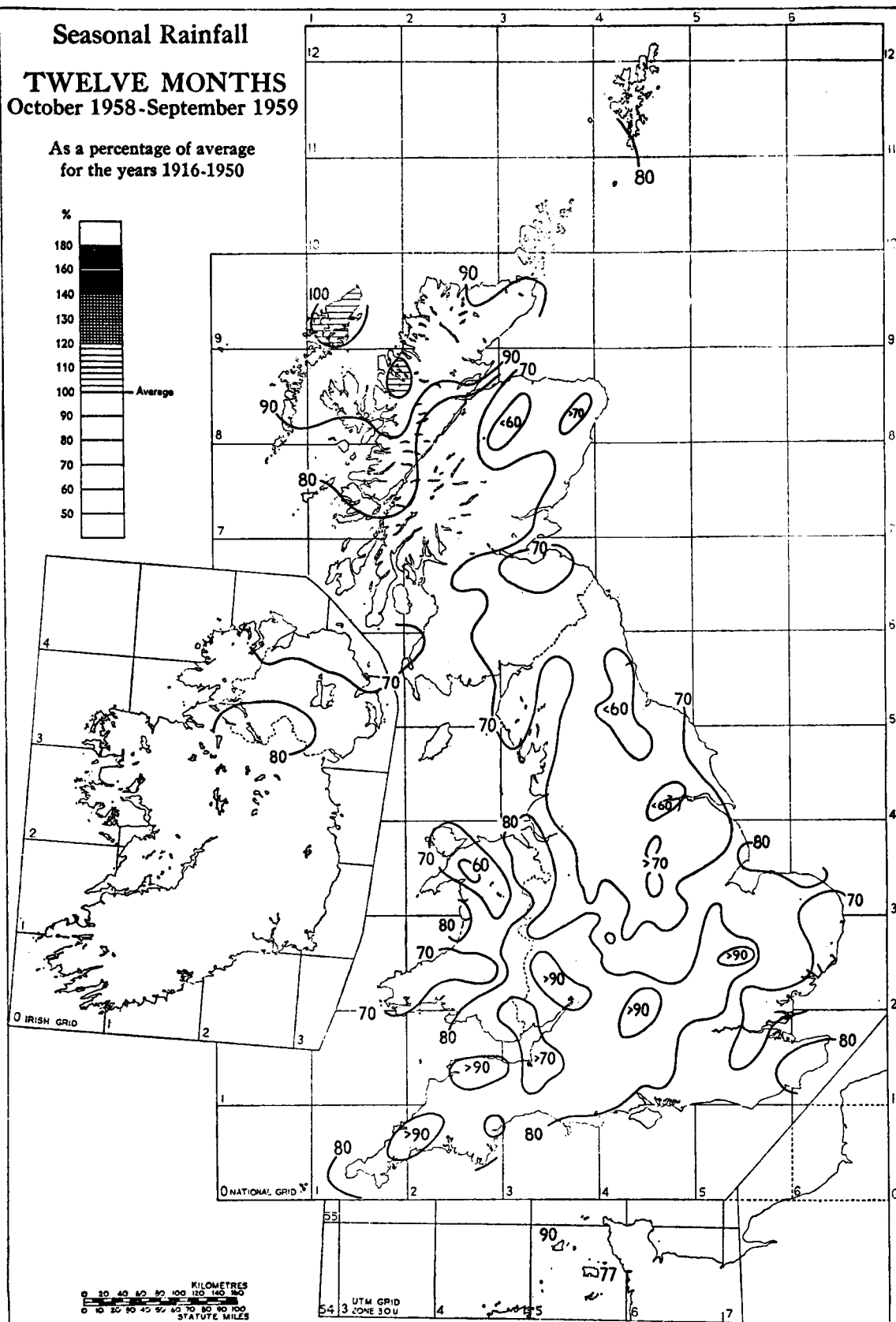
east and wet in the west, but *May* was dry over most of the United Kingdom. Much of southern England and northern Scotland was wet in June and, except for Scotland, most of the United Kingdom was rather wet in July. *August* was very wet in the extreme south of England, in north-east Scotland and locally around Coleraine in Northern Ireland, and *September* also was very wet over the southern half of Great Britain, but very dry over the northern half. For the six summer months as a whole, rainfall over the northern half of the country was mainly within 15 per cent of the average, but in the south, large areas had more than 130 per cent with more than 160 per cent of average between Exmouth and Brixham.

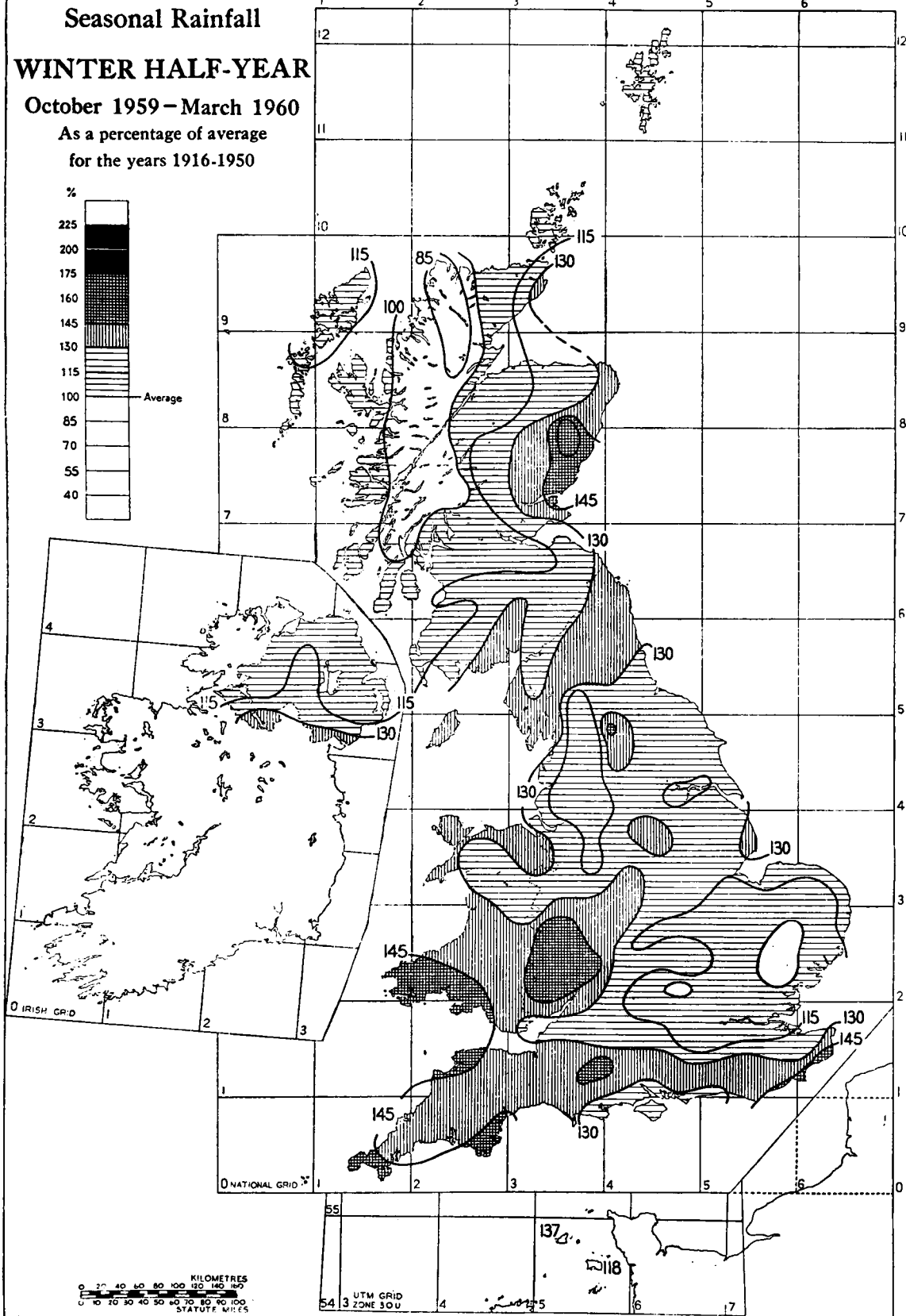
The *seasonal year* was rather dry over the Western Highlands of Scotland but excessively wet in the south of England, south-west midlands and South Wales. Considerable areas from the Isle of Wight to Plymouth Sound had more than 160 per cent of average.

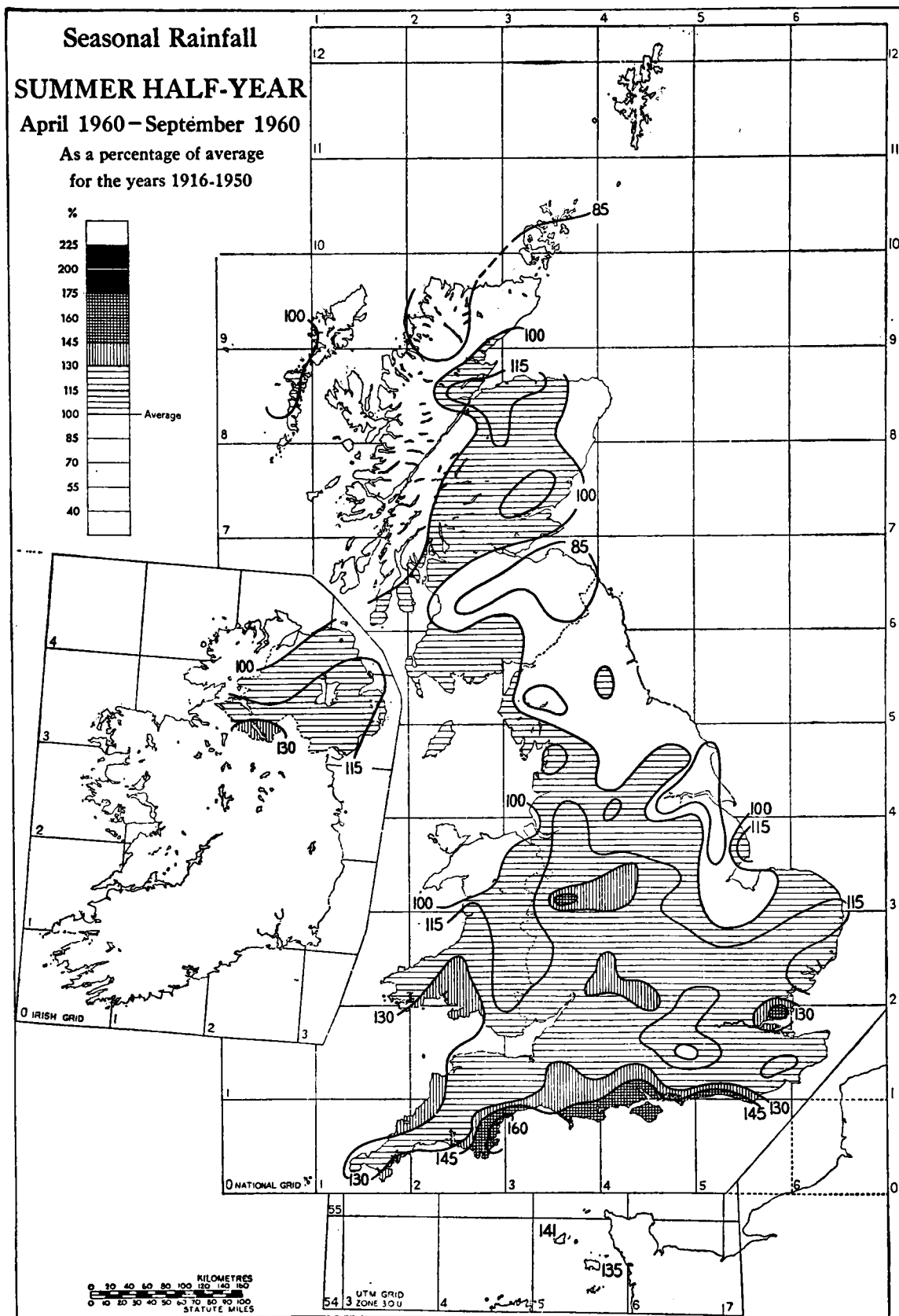
Table 9B shows that, over the 40-year period from 1920/21 to 1959/60 only 1929/30 was wetter over England and Wales with 133 per cent and that over Northern Ireland only 1923/24 was wetter, with 119 per cent.











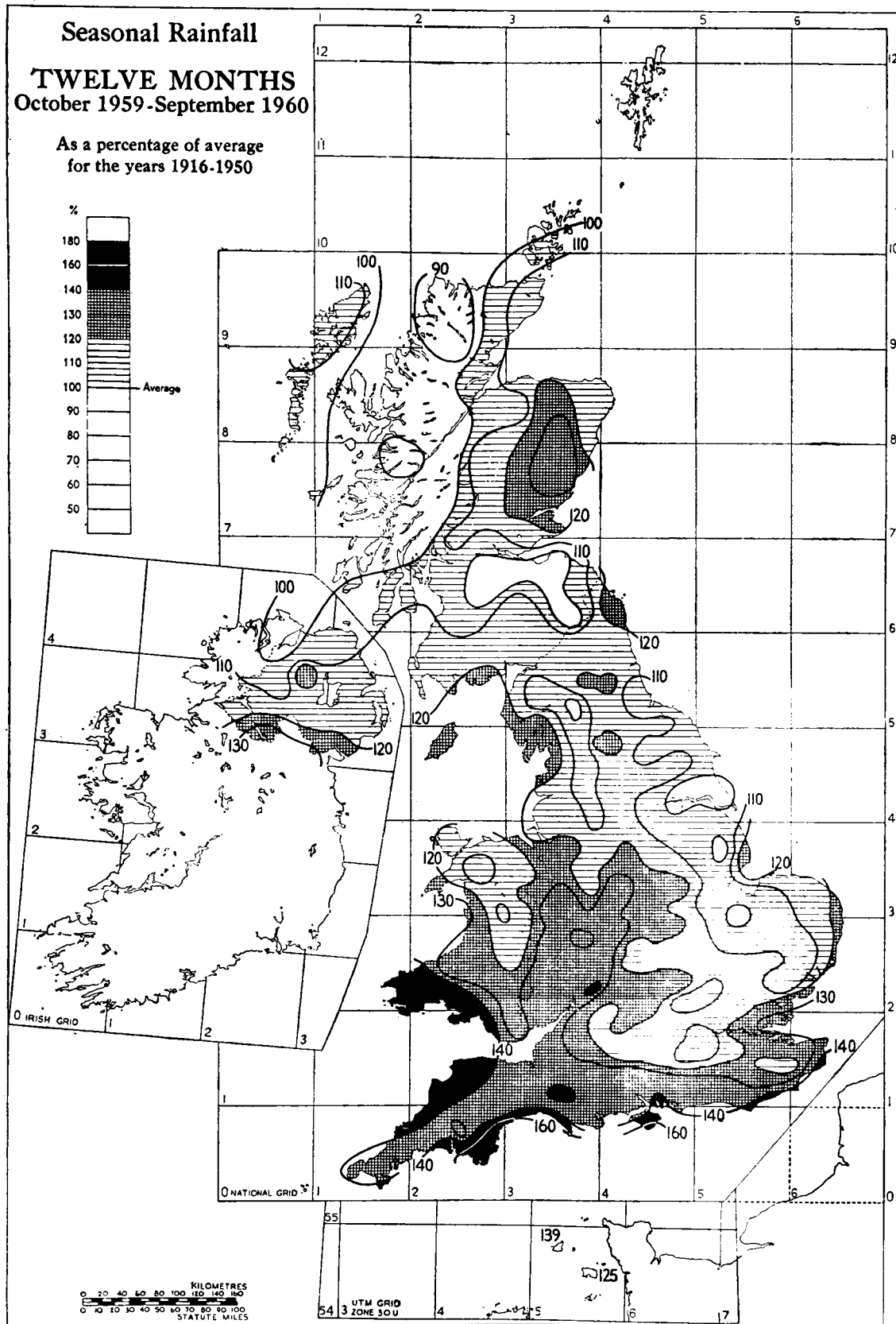


Table 9A. Seasonal Rainfall 1958-59 as a Percentage of the ANNUAL Average 1916-1950

Winter half-year: October to March.

Summer half-year: April to September.

Seasonal Year: October to September.

Station	Winter	Summer	Year	Station	Winter	Summer	Year
St. Pancras (Camden Square).....	48	32	80	Horncastle.....	42	25	67
Mickleham (Juniper Hall).....	48	24	72	Skegness (Marine Gardens).....	48	32	80
Dover (Waterloo Crescent).....	52	29	82	Brigg (Wrawby Road).....	39	23	63
Ashford.....	53	31	84	Crowle (North Level Pumping Station).....	32	23	54
Herne Bay (St. Anne's Home).....	47	33	80	Nottingham (The Castle).....	45	26	71
Edenbridge (Falconhurst).....	48	22	70	Mansfield (Carr Bank).....	44	28	72
Compton (Compton House).....	50	29	79	Whatstandwell (Meerbrook Sough).....	41	25	66
Worthing (Beach House Park).....	48	23	71	Buxton (Terrace Slopes).....	42	24	66
Hastings (White Rock).....	53	18	72	Northwich (Winnington).....	40	40	80
Southampton (East Park).....	54	24	78	Birkenhead (Bidston Observatory).....	45	45	90
Winchester (Recreation Ground).....	56	29	85	Ashton-under-Lyne (Knott Hill Res.)..	36	28	64
South Farnborough (R.A.E.).....	47	32	79	Bolton (Heaton Reservoir).....	37	30	67
Woolhampton (Douai Abbey).....	57	32	89	Squires Gate (Blackpool Airport).....	39	38	78
Harpenden (Rothamsted).....	50	39	89	Stonyhurst College.....	32	29	61
Aylesbury (Sewage Works).....	52	33	85	Morecambe.....	41	34	75
Slough (Upton).....	48	29	78	Settle (Gasworks).....	38	25	63
Oxford (Radcliffe Met. Station).....	64	33	97	Sheffield (Weston Park).....	41	26	67
Wellingborough (Swanspool).....	55	25	80	Huddersfield (Oakes).....	37	29	66
Ravensthorpe.....	48	24	72	Wakefield (Clarence Park).....	36	30	66
Woburn (Experimental Farm).....	49	31	80	Bingley (St. Ives Research Station).....	37	29	66
Cambridge (Botanic Gardens).....	52	39	91	Birdsall Gardens.....	40	28	68
March.....	48	27	75	Hull (Pearson Park).....	37	24	61
Hatfield Broad Oak (Barrington).....	45	25	70	Leyburn (Bolton Hall).....	39	24	63
Shoeburyness.....	45	28	73	Felixkirk (Mount St. John).....	34	23	58
Earls Colne (Grammar School).....	40	26	66	York (Museum).....	36	31	67
Ipswich (Belstead Hall).....	46	26	72	Scarborough.....	40	35	75
Lowestoft (Secondary School).....	41	23	65	Middlesbrough (Albert Park).....	33	28	62
Bury St. Edmunds (Westley Hall).....	44	29	72	Baldersdale (Hury Reservoir).....	35	25	60
Sprowston.....	41	22	63	Durham (University Observatory).....	31	25	56
Sandringham House Gardens.....	45	28	73	Weardale W.W. (Tunstall Reservoir)...	39	27	66
Cromer (Howards Hill).....	44	44	87	Newcastle (Leazes Park).....	30	22	53
Fonthill House Gardens.....	56	25	81	Bellingham (Highgreen).....	36	28	64
Porton (C.D.E.E.).....	62	24	86	Ilderton (Lilburn Tower Gardens).....	33	29	62
Marlborough College.....	58	32	90	Geltsdale.....	40	39	78
Creech Grange.....	55	24	80	Keswick (Derwent Island).....	34	28	62
Beaminster (East Street).....	60	22	82	Ravenglass (The Grove).....	40	28	68
Princetown (H.M. Prison).....	56	25	81	Appleby Castle.....	32	37	69
Teignmouth (Den Gardens).....	58	32	90	Ambleside.....	41	29	70
Clyst Honiton (Exeter Airport).....	55	31	86	Abergavenny (Plás Derwen).....	53	28	81
Ilfracombe (Bowling Green).....	60	30	90	Swansea (Victoria Park).....	52	32	84
Bude (School House).....	58	26	84	Cardiff (Penylan).....	48	32	79
Penzance (Penlee Gardens).....	60	21	81	Conwil-Elvet (Cwmtawel Reservoir)...	45	29	74
St. Austell (Poltair Public Gardens)...	60	33	93	Maenclochog (Ddolwen Bridge).....	42	21	63
Scilly (St. Mary's Coastguard Station)..	53	19	72	Aberporth.....	46	24	69
Bath (Henrietta Park).....	50	37	87	Cardiff Waterworks (Cantref Reservoir)	51	31	82
Street (Millfield).....	55	22	77	Llandrindod Wells (The Common).....	48	37	85
Taunton (Vivary Park).....	50	26	76	Newtown (Penarth Weir).....	43	39	82
Cheltenham (Montpellier Gardens)....	57	33	90	Lake Vyrnwy (Experimental Station)...	38	30	68
Cirencester (Royal Agricultural College)	50	31	81	Hawarden Bridge.....	45	42	86
Vowchurch (Ladywell House).....	53	39	92	Wrexham W.W. (Pack Saddle Reservoir)	45	36	81
Bromfield (Oakly Park).....	47	34	82	Blaenau Festiniog (Oakeley Quarry)...	35	23	58
Church Stretton (Sewage Works).....	44	29	73	Aberdovey (Plás Penhelig).....	50	32	82
Shrewsbury (Monkmoor).....	46	34	80	Llandudno (Cricket Ground).....	43	30	73
Keele (University Coll. of N. Staffs)...	39	28	67	Llanerchymedd (Llwydiarth Esgob)....	43	24	67
Burton (Shobnall).....	48	24	71	Douglas (Borough Cemetery).....	49	23	72
Worcester (Redhill).....	53	37	89	St. Peter (Jersey Airport).....	52	25	77
Wellesbourne.....	50	24	74	Guernsey (States Airport).....	56	34	90
Birmingham (Edgbaston Observatory)..	44	35	78	Newton Stewart (Little Barraer).....	42	29	72
Thornton Reservoir.....	44	22	67	Auchencairn (Torr House).....	42	30	72
Melton Mowbray (White Lodge).....	45	22	67	Dumfries (Crichton Royal Institute)...	37	28	64
Spalding (Pode Hole).....	53	26	79				
Cranwell Airfield.....	41	28	69				

Table 9A. Seasonal Rainfall 1958/59 as a Percentage of ANNUAL Average 1916-1950 (continued)

Station	Winter	Summer	Year	Station	Winter	Summer	Year
Eskdalemuir Observatory.....	36	32	68	Ballindalloch.....	33	26	59
Crailing.....	31	29	61	Fochabers (Gordon Castle).....	33	30	63
Stobo Castle.....	34	32	66	Dalwhinnie.....	39	34	73
Marchmont House.....	33	27	60	Loch Morlich (Glenmore Lodge).....	31	28	59
North Berwick (East Lodge).....	28	31	58	Loch Ness (Garthbeg).....	41	35	76
Moorfoot Hills (Rosebery).....	27	25	52	Cannich (Fasnakyle).....	41	34	76
Edinburgh (Blackford Hill).....	28	28	56	Loch Nevis (Inverie Gardens).....	48	41	89
Strathaven (Glengavel Reservoir).....	37	38	75	Fort William (Secondary School).....	43	39	81
Hamilton Waterworks (Townhill).....	34	29	63	Skye (Duntulm, Kilmuir).....	45	47	92
Prestwick Airport.....	33	33	66	Benbecula Airport.....	51	43	94
Colmonell (Knockdolian).....	40	30	70	Fearn (Geanies).....	52	40	93
Glen Afton (Ayrshire Sanatorium).....	39	31	70	Muir of Ord (Fairburn).....	40	40	80
Greenock (Prospect Hill).....	40	33	73	Inverbroom (Glackour).....	50	44	93
Stirling (Sauchie House).....	42	36	78	Loch Duich (Ratagan).....	48	48	97
Millport (Marine Biological Station)...	45	34	79	Achnashellach.....	50	50	100
Morvern (Drimmin).....	47	37	84	Stornoway Airport.....	53	49	102
Glenleven (Kinlochleven).....	41	40	81	Glenrossal.....	50	41	91
Ardrishaig (Canal Office).....	39	34	74	Strathy (Bowside).....	48	37	85
Inveraray Castle Gardens.....	39	34	73	Cape Wrath.....	47	47	94
Islay (Eallabus).....	42	33	75	Lochinver (Bank House).....	49	49	98
Tiree Airport.....	41	35	76	Wick Airport.....	60	36	95
Loch Leven Sluice.....	42	32	75	Lerwick Observatory.....	45	32	76
Leuchars Airfield.....	30	34	64	Newtownbutler (Crom Castle).....	46	37	83
Loch Dhu.....	43	30	73	Belleek.....	42	36	79
Crieff (Strathearn Hydro).....	41	34	75	Armagh Observatory.....	49	36	85
Killin (Kinnell Gardens).....	42	30	72	Newry (Bridge Street House).....	41	34	74
Fincastle House.....	39	37	75	Seaforde.....	43	33	75
Kirriemuir (Balnakeilly).....	39	37	75	Larne (Ballycarry).....	41	26	67
Montrose (Royal Mental Hospital)....	31	38	69	Aldergrrove Airfield.....	39	32	72
Braemar (Bank).....	34	30	63	Garvagh (Moneydig).....	36	31	67
Lumphanan.....	38	30	69	Glenedra Lodge.....	44	32	76
Dyce (Craibstone).....	35	29	63	Londonderry (Creggan Reservoir).....	38	31	69
New Deer (School House).....	45	27	72	Omagh (Edenfel).....	45	34	79

Table 9A Seasonal Rainfall 1959/60 as a Percentage of the ANNUAL Average 1916-1950

Winter half-year: October to March.

Summer half-year: April to September.

Seasonal Year: October to September.

Station	Winter	Summer	Year	Station	Winter	Summer	Year
St. Pancras (Camden Square).....	54	62	116	Ravensthorpe.....	58	61	119
Mickleham (Juniper Hall).....	63	45	108	Woburn (Experimental Farm).....	59	61	120
Dover (Waterloo Crescent).....	87	53	140	Cambridge (Botanic Gardens).....	49	61	110
Ashford.....	73	45	118	March.....	51	47	98
Herne Bay (St. Anne's Home).....	70	56	126	Hatfield Broad Oak (Barrington).....	51	62	113
Edenbridge (Falconhurst).....	74	53	127	Shoeburyness.....	58	72	130
West Dean Park.....	78	49	127	Earls Colne (Grammar School).....	51	56	107
Worthing (Beach House Park).....	72	62	134	Ipswich (Belstead Hall).....	55	48	103
Hastings (White Rock).....	87	53	140	Lowestoft (Secondary School).....	63	59	122
Southampton (East Park).....	71	65	136	Bury St. Edmunds (Westley Hall).....	46	64	110
Winchester (Recreation Ground).....	75	62	137	Sprowston.....	58	55	113
South Farnborough (R.A.E.).....	61	46	107	Sandringham.....	58	47	105
Woolhampton (Douai Abbey).....	64	52	116	Cromer (Howards Hill).....	64	50	114
Harpenden (Rothamsted).....	56	51	107	Mere (Charnage).....	67	57	124
Aylesbury (Sewage Works).....	50	56	106	Porton (C.D.E.E.).....	79	61	140
Slough (Upton).....	54	55	109	Marlborough College.....	64	52	116
Oxford (Radcliffe Met. Station).....	57	70	127	Creech Grange.....	72	62	134
Wellingborough (Swanspool).....	58	60	118	Beaminster (East Street).....	81	57	138

Table 9A. Seasonal Rainfall 1959/60 as a Percentage of the ANNUAL Average 1916-1950 (*continued*)

Station	Winter	Summer	Year	Station	Winter	Summer	Year
Princetown (H.M. Prison).....	81	48	129	Abergavenny (Plâs Derwen).....	91	47	138
Teignmouth (Den Gardens).....	89	64	153	Swansea (Victoria Park).....	84	58	142
Clyst Honiton (Exeter Airport).....	77	54	131	Cardiff (Penylan).....	68	56	123
Ilfracombe (Bowling Green).....	88	53	141	Conwil-Elvet (Cwmtawel Reservoir)...	87	57	144
Bude (School House).....	83	60	143	Maenclochog (Ddolwen Bridge).....	93	50	143
Penzance (Penlee Gardens).....	91	48	139	Aberporth.....	80	49	129
St. Austell (Poltair Public Gardens)...	87	50	137	Cardiff Waterworks (Cantref Reservoir)	80	46	126
Scilly (St. Mary's Coastguard Station).	89	57	146	Llandrindod Wells (The Common)....	75	43	118
Bath (Henrietta Park).....	69	57	126				
Street (Millfield).....	68	63	132	Newtown (Penarth Weir).....	69	47	116
Taunton (Vivary Park).....	78	52	130	Lake Vyrnwy (Experimental Station)...	74	43	117
				Hawarden Bridge.....	72	50	122
Cheltenham (Montpellier Gardens)....	70	70	140	Wrexham W.W. (Pack Saddle Reservoir)	74	45	119
Cirencester (Royal Agricultural College)	63	52	115	Blaenau Festiniog (Oakeley Quarry)...	66	38	104
				Aberdovey (Plâs Penhelig).....	72	58	130
Vowchurch (Ladywell House).....	87	48	135	Llandudno (Cricket Ground).....	77	41	118
Bromfield (Oakly Park).....	83	54	137	Llanerchymedd (Llwydiarth Esgob)....	80	38	118
Church Stretton (Sewage Works).....	77	55	132				
Shrewsbury (Monkmoor).....	65	73	137	Douglas (Borough Cemetery).....	75	48	123
Keele (University College of N. Staffs.)	56	59	115				
Burton (Shobnall).....	67	67	134	St. Peter (Jersey Airport).....	73	52	125
Worcester (Redhill).....	77	61	138	Guernsey (States Airport).....	84	55	139
Wellesbourne.....	56	61	116				
Birmingham (Edgbaston Observatory) .	74	57	131	Newton Stewart (Little Barraer).....	68	48	116
Thornton Reservoir.....	65	59	124	Auchencairn (Torr House).....	74	52	126
Melton Mowbray (White Lodge).....	62	56	118	Dumfries (Crichton Royal Institute)...	71	46	117
Spalding (Pode Hole).....	57	45	102	Eskdalemuir Observatory.....	69	43	112
Cranwell Airfield.....	59	51	110	Crailing.....	58	41	99
Horncastle.....	61	39	100	Stobo Castle.....	68	44	111
Skegness (Marine Gardens).....	70	59	128	Marchmont House.....	64	40	104
Brigg (Wrawby Road).....	59	51	110	North Berwick (East Lodge).....	56	39	95
Crowle (North Level Pumping Station).	56	40	95	Moorfoot Hills (Rosebery).....	62	37	99
Nottingham (The Castle).....	60	61	121	Edinburgh (Blackford Hill).....	52	41	93
Mansfield (Carr Bank).....	69	49	118	Strathaven (Glengavel Reservoir)....	65	34	99
Whatstandwell (Meerbrook Sough)....	71	58	129	Hamilton Waterworks (Townhill)....	57	38	95
Buxton (Terrace Slopes).....	68	49	117	Prestwick Airport.....	63	39	103
				Colmonell (Knockdolian).....	64	47	111
Northwich (Winnington).....	63	60	122	Glen Afton (Ayrshire Sanatorium)....	66	41	107
Birkenhead (Bidston Observatory).....	63	50	112	Greenock (Prospect Hill).....	62	41	103
Ashton-under-Lyne (Knott Hill Res.)...	52	54	106	Stirling (Sauchie House).....	59	45	104
Bolton (Heaton Reservoir).....	58	54	112	Millport (Marine Biological Station)...	62	47	109
Squires Gate (Blackpool Airport).....	66	53	119	Morvern (Drimmin).....	60	38	98
Stonyhurst College.....	57	52	110	Glenleven (Kinlochleven).....	56	38	94
Morecambe.....	69	55	124	Ardishaig (Canal Office).....	56	39	95
Sheffield (Weston Park).....	70	49	119	Inveraray Castle Gardens.....	57	36	92
Huddersfield (Oakes).....	66	51	116	Islay (Eallabus).....	63	36	99
Wakefield (Clarence Park).....	59	51	110	Tiree Airport.....	60	40	100
Bingley (St. Ives Research Station)....	70	44	114				
Settle (Malham Tarn).....	62	44	106	Loch Leven Sluice.....	66	49	115
Birdsall Gardens.....	66	50	116	Leuchars Airfield.....	73	53	126
Hull (Pearson Park).....	58	40	98	Loch Dhu.....	66	45	111
Leyburn (Bolton Hall).....	82	43	125	Crieff (Strathearn Hydro).....	68	51	119
Felixkirk (Mount St. John).....	61	48	109	Killin (Kinnell Gardens).....	61	40	101
York (Museum).....	60	57	117	Fincastle House.....	69	45	114
Scarborough.....	65	42	107	Kirriemuir (Balnakeilly).....	73	57	130
Middlesbrough (Albert Park).....	60	49	109	Montrose (Royal Mental Hospital)....	78	55	133
Baldersdale (Hury Reservoir).....	68	42	111	Braemar (Bank).....	75	46	121
				Lumphanan.....	86	47	133
Durham (University Observatory).....	60	42	102	Dyce (Craibstone).....	67	47	114
Weardale W.W. (Tunstall Reservoir)...	73	48	121	New Deer (School House).....	67	44	111
Newcastle (Leazes Park).....	64	47	111	Ballindalloch.....	54	53	106
Bellingham (Highgreen).....	71	44	115	Fochabers (Gordon Castle).....	59	61	120
Ilderton (Lilburn Tower Gardens)....	76	46	123				
Geltsdale.....	66	46	112	Dalwhinnie.....	70	43	113
Keswick (Netherholme).....	73	41	114	Loch Morlich (Glenmore Lodge).....	60	57	117
Ravenglass (The Grove).....	74	51	124	Loch Ness (Garthbeg).....	60	41	101
Appleby Castle.....	60	40	100	Cannich (Fasnakyle).....	59	39	98
Ambleside.....	80	40	120	Loch Nevis (Inverie Gardens).....	51	37	88
				Fort William (Glasdrum).....	56	34	90

Table 9A. Seasonal Rainfall 1959/60 as a Percentage of the ANNUAL Average 1916-1950 (continued)

Station	Winter	Summer	Year	Station	Winter	Summer	Year
Skye (Duntulm, Kilmuir).....	59	39	99	Lerwick Observatory.....	62	31	93
Benbecula Airport.....	63	45	108	Newtownbutler (Crom Castle).....	71	64	135
Fearn (Geanies).....	47	60	107	Belleek.....	60	58	118
Muir of Ord (Fairburn).....	50	54	104	Armagh Observatory.....	60	59	119
Inverbroom (Glackour).....	55	37	92	Newry (Bridge Street House).....	74	55	128
Loch Duich (Ratagan).....	58	41	99	Seaforde.....	58	53	111
Achnashellach.....	55	36	92	Larne (Ballycarry).....	62	53	115
Stornoway Airport.....	70	43	113	Aldergrove Airfield.....	56	57	113
Glenrossal.....	47	34	81	Garvagh (Moneydig).....	57	52	109
Strathy (Bowside).....	55	37	92	Glendra Lodge.....	69	50	119
Cape Wrath.....	45	36	81	Londonderry (Creggan Reservoir).....	54	44	97
Lochinver (Bank House).....	53	36	89	Omagh (Edenfel).....	61	48	109
Wick Airport.....	72	45	117				

General Rainfall as a Percentage of the 1916-1950 Annual Average

Country	No. of stations both years	Winter			Summer			Seasonal year		
		1958/59	1959/60	Normal	1958/59	1959/60	Normal	1958/59	1959/60	Normal
	%	%	%	%	%	%	%	%	%	%
England...	100	46	67	53	29	53	47	74	120	100
Wales....	16	46	78	57	31	48	43	76	125	100
Scotland..	58	41	62	56	35	43	44	75	105	100
N. Ireland.	11	42	62	53	33	54	47	75	116	100

Table 9B. Serial Values of Seasonal Rainfall as a Percentage of the Annual Average 1916-1950*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
1920-21.....	41	28	70	55	35	89	58	34	93
21-22.....	51	49	100	57	42	99	55	48	103
22-23.....	51	45	95	49	53	103	48	52	99
23-24.....	54	63	117	53	54	108	52	68	119
24-25.....	61	48	108	58	44	102	50	50	100
25-26.....	54	45	99	54	43	97	51	46	97
26-27.....	58	62	121	59	56	115	50	48	98
27-28.....	63	39	101	66	42	109	62	48	111
28-29.....	48	33	80	47	43	90	49	42	91
29-30.....	78	54	133	64	45	110	63	48	112
1930-31.....	55	63	119	61	44	106	56	53	109
31-32.....	40	52	93	54	42	95	43	46	89
32-33.....	55	32	87	62	32	93	52	32	84
33-34.....	39	38	76	43	50	93	35	52	87
34-35.....	55	48	103	56	44	100	49	42	91
35-36.....	70	48	118	60	36	96	58	50	108
36-37.....	69	40	108	61	38	99	61	44	105
37-38.....	44	39	83	47	46	94	41	47	88
38-39.....	70	42	111	72	33	106	70	39	109
39-40.....	64	33	96	45	40	86	60	40	99
1940-41.....	72	38	109	57	35	91	60	36	96
41-42.....	47	42	89	52	45	96	58	55	114
42-43.....	52	44	96	55	49	105	47	53	100
43-44.....	38	45	82	50	44	94	41	50	92
44-45.....	58	44	103	66	46	111	60	50	110
45-46.....	48	59	107	48	46	94	45	54	99
46-47.....	66	36	101	47	45	91	48	49	97
47-48.....	47	48	96	56	54	111	54	48	103
48-49.....	41	33	73	60	37	96	52	36	88
49-50.....	63	57	119	66	58	124	55	69	124
1950-51.....	66	50	115	55	42	96	50	42	93
51-52.....	55	45	100	57	40	96	49	37	85
52-53.....	45	50	95	43	47	90	38	46	84
53-54.....	44	51	96	56	49	105	51	50	100
54-55.....	63	36	100	66	30	95	63	41	105
55-56.....	47	51	99	51	50	101	41	51	93
56-57.....	47	48	96	59	43	102	53	49	101
57-58.....	52	60	111	53	47	100	51	59	110
58-59.....	46	29	75	41	35	75	42	33	75
59-60.....	68	53	121	62	43	105	62	54	116
Average (in.) 1916-50.....	19.74	16.72	36.46	29.28	23.09	52.37	22.38	19.52	41.90
Proportion of annual average (per cent)	54	46	—	56	44	—	53	47	—

10 Evaporation and Percolation in 1959 and 1960

The purpose of this section is to bring together certain groups of data which have some bearing on the subsequent history of the water that 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 16 *evaporation gauges* are mostly of standard dimensions, 6 ft. square and 2 ft. deep, the rim projecting about 3 in. above the ground, as described in *British Rainfall* 1939. The 12 *percolation gauges*, grouped at four stations, are of various dimensions as given in Table 10B, and some have a surface of bare soil while others carry a crop of turf.

The 5 *drainage gauges*, grouped at two stations (Table 10C), differ from the more usual form of percolation gauge. The simple *seepage gauges* (one at Prescot and two at Lake Vyrnwy) have depths of 11 and 9 in. respectively, which are regarded as the depths of the top layers 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 ft. 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 1959 and 1960

Monthly and annual values of evaporation recorded at 16 stations are given in Table 10A,

the stations being the same as in 1957 and 1958.

The long-period averages in the final column are now for the same period (1916–50) as has been adopted for averages of rainfall. They thus supersede the revised 1911–40 averages which were first used in the corresponding table for 1957. Records for Camden Square, Otterbourne and Southport continued to be available right up to 1950 without a break, together with Ardsley, Harrogate and Revesby.* A record from Kennick had been available for 1911–40 as well, so that altogether seven records had been available for the long-term average figures in *British Rainfall* 1957 and 1958; but as Kennick's record had ceased long before 1950 there were only six left for the new period. When the 1911–40 figures are made comparable with the 1916–50 figures, by exclusion of Kennick's, the agreement is very close every month, and the annual mean values for the two periods actually agree within .3 per cent.

The long-period averages should be reasonably representative of the mean seasonal variation over the country as a whole, though not strictly comparable in absolute value with the means of the 16 records in Table 10A.

The values given in Table 10A have been printed much as received, with merely a few editorial annotations. Adjustments for occasions of freezing have not been attempted. As was remarked in previous years, evaporation is probably small on such occasions, anyway.

Noteworthy figures are those of 1959. They reflect a noteworthy summer. A claim

* The only gaps in the 35 years of data from 1916 to 1950 appear to have been Revesby 1930 and 1931. Ardsley's supposed 1936 gap, that was indicated in a statement on page 103 of *British Rainfall* 1957, appears from the published entries in the volumes for 1935 and 1936 (freshly checked against the original records) to have been misidentified, and the long-term averages have been recomputed accordingly.

that the year's total was the highest on local record can be made for each of 8 of the 16 stations, though admittedly only one of these 8 (Revesby) had a long pre-1950 record. Besides Revesby, the stations with quite long pre-1950 records were Haworth (for which the 1959 total was the highest since 1921), Ardsley (highest since 1935), Bartley (highest since 1940), Ormesby (highest since 1947), and Otterbourne and Harrogate.

Some net *condensations* at Weir Wood are marked "doubtful". They reflect the presence of some anomalously large condensations among the *daily* data. The Authority responsible for these data, however, has duly checked their consistency with the observers' readings. The annotations are purely editorial.

Percolation and Drainage

In Table 10B are data for the same 13 percolation gauges as in 1957 and 1958, while in Table 10C are those for the drainage gauges at Prescott and Lake Vyrnwy. The inferred evaporations are not very noteworthy on the whole, though some of them are the highest since 1950 or earlier. Whilst the Fleam Dyke 1959 figure of 16·31 in. for the turfed gauge is the highest since 1946, the adjacent figure of 7·90 in. for the unturfed gauge is actually the lowest ever.*

In 1960—a comparatively wet year at the gauge sites generally—most of the inferred evaporations are notably high.

* A commentary, received with the Fleam Dyke data, remarked that in spite of a rainfall of 6·41 in. from October to December the turfed gauge had not started to run by the end of the year.

Table 10A. Evaporation in 1959

Station	Kew Observatory 18 ft. TQ(51)171757	Weir Wood Reservoir 225 ft. TQ(51)406354	Otterbourne (Waterworks) 112 ft. SU(41)465235	Kempton (Waterworks) 40 ft. TQ(51)111710	Harpenden (Rothamsted) 420 ft. TL(52)132134	Lound (Pumping Stn.) 33 ft. TG(63)501008
Altitude.....						
N.G.R.....						
January.....	<i>in.</i> ·34	<i>in.</i> ·07	<i>in.</i> c. ·05	<i>in.</i> ·04	<i>in.</i> ·12	<i>in.</i> —
February.....	·36	·31	·30	·22	·21	·30
March.....	1·15	·33	·92	1·06	1·12	·97
April.....	2·04	1·41	1·90	2·05	1·95	1·85
May.....	3·88	3·22	3·43	3·73	3·72	3·27
June.....	4·46	3·65	3·55	4·65	4·00	3·98
July.....	5·53	4·35	4·46	5·25	4·58	4·79
August.....	4·19*	3·48	3·27	4·35	4·05	3·17
September.....	3·52	2·99	2·83	3·44	2·96	2·51
October.....	1·69	·91	1·31	1·79	1·90	1·40
November.....	·44	·19	·22	·45	·40	·30
December.....	·54	c. 1·19†	c. ·04	·42	·20	·26
Year.....	28·14	19·72	22·10	27·45	25·21	22·80
Average (1916–50).....	—	—	19·83	—	—	—
Difference from Average..	—	—	+ 2·27	—	—	—

* Aug. 4–7 estimated from Kempton Park.

† December total doubtful.

Station	Ormesby St. Michael 21 ft. TG(63)468152	Barrow Gurney Reservoir 300 ft. ST(31)537679	Bartley (Brom. Wood) 611 ft. SO(32)999810	Revesby Reservoir 124 ft. TF(53)303634	Slaidburn 10 (Stocks Res.) 657 ft. SD(34)719550	Slaidburn 21D (Stocks Res.) 629 ft. SD(34)717548
Altitude.....						
N.G.R.....						
January.....	<i>in.</i> ·29	<i>in.</i> —	<i>in.</i> ·16	<i>in.</i> ·05	<i>in.</i> ·46	<i>in.</i> ·14
February.....	·22	·31	·27	·16	·32	·27
March.....	·70	1·07	·78	·70	·89	·80
April.....	1·42	2·11	1·64	1·77	1·89	1·50
May.....	2·44	3·84	2·72	2·91	3·64	3·28
June.....	2·59	4·29	3·47	3·67	3·96	3·14
July.....	4·00	4·55	3·59	3·71	3·81	2·95
August.....	2·36	3·44	3·06	3·13	3·62	2·99
September.....	1·92	3·22	2·49	2·04	2·39	2·14
October.....	·97	1·67	1·29	1·20	2·14	1·55
November.....	·57	·35	·54	·08	1·11	1·08
December.....	·49	·10	·45	·21	1·78	1·25
Year.....	17·97	24·95	20·46	19·63	26·01	21·09
Average (1916–50).....	—	—	—	14·01	—	—
Difference from Average..	—	—	—	+ 5·62	—	—

Station.....	Ardsley Reservoir	Haworth (Lower Laithe Reservoir)	Harrogate (Harlow Hill Reservoir)	Lake Vyrnwy Experimental Station	Mean of all records	1916–50 Av. (Regional mean of six Stations)
Altitude.....	392 ft.	772 ft.	549 ft.	995 ft.		
N.G.R.....	SE(44)287248	SE(44)015367	SE(44)290542	SJ(33)017188		
January.....	<i>in.</i> ·04	<i>in.</i> ·03	<i>in.</i> —	<i>in.</i> } ·21	<i>in.</i> ·10	<i>in.</i> ·15
February.....	·26	·14	·16	·71	·25	·30
March.....	·86	·66	·79	1·43	·84	·86
April.....	1·52	1·47	1·49	2·56	1·71	1·64
May.....	3·02	3·03	3·08	3·36	3·24	2·55
June.....	3·19	3·19	3·72	3·37	3·68	3·09
July.....	3·59	3·17	2·72	2·97	4·03	3·08
August.....	3·46	3·07	2·59	1·96	3·33	2·50
September.....	2·16	2·06	2·22	1·29	2·55	1·60
October.....	1·27	·88	1·15	·39	1·40	·87
November.....	·49	·19	·38	·13	·45	·34
December.....	·66	c. ·04	·47		·36	·17
Year.....	20·52	17·85	18·77	18·38	21·94	17·15
Average (1916–50).....	17·31	—	19·81	—	—	—
Difference from Average..	+ 3·21	—	– 1·04	—	—	—

Table 10A. Evaporation in 1960

	Kew Observatory	Weir Wood Reservoir	Otterbourne (Waterworks)	Kempton (Waterworks)	Harpenden (Rothamsted)	Lound (Pumping Stn.)
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
January.....	·37	c. ·18†	·04	·10	·21	·02
February.....	·40	·41	·27	·44	·32	·33
March.....	1·15	·51	·99	1·22	1·29	·98
April.....	2·25	1·75	2·08	2·41	2·42	2·08
May.....	3·20	2·59	2·85	3·21	3·28	2·98
June.....	4·47	3·48	3·93	4·39	4·34	3·60
July.....	3·15	2·08	3·03	3·21	3·00	2·69
August.....	2·46	2·71	2·23	2·73	2·92	2·42
September.....	1·80	1·64	1·57	2·15	2·12	1·56
October.....	·74	·15	1·02	·96	1·02	·89
November.....	·39	·09	·33	·89	·56	·37
December.....	·27	c. ·29†	·22	·33	·38	·13
Year.....	20·65	14·94	18·56	22·04	21·86	18·05
Average (1916-50).....	—	—	19·83	—	—	—
Difference from Average..	—	—	-1·27	—	—	—

† Doubtful.

	Ormesby St. Michael	Barrow Gurney Reservoir	Bartley (Brom. Wood)	Revesby Reservoir	Slaidburn 10 (Stocks Res.)	Slaidburn 21D (Stocks Res.)
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
January.....	·43	c. ·01	·21	—	1·00	·79
February.....	·44	·27	·34	—	·54	1·13
March.....	·77	1·14	1·03	·72	1·52	1·39
April.....	1·57	2·14	1·56	1·48	2·40	1·67
May.....	2·28	3·37	2·42	3·02	3·27	2·80
June.....	3·46	4·48	3·83	4·31	4·47	3·78
July.....	2·60	3·95	2·28	2·42	3·01	2·23
August.....	2·27	2·92	1·95	2·21	2·76	2·29
September.....	1·30	1·73	1·53	1·40	1·82	1·70
October.....	·53	·67	·49	·44	·79	·65
November.....	·52	·30	·47	·23	·92	·72
December.....	·40	·06	·45	·20	·86	·60
Year.....	16·57	21·02	16·56	16·43	23·36	19·75
Average (1916-50).....	—	—	—	14·01	—	—
Difference from Average..	—	—	—	+2·42	—	—

	Ardley Reservoir	Haworth (Lower Laithe Reservoir)	Harrogate (Harlow Hill Reservoir)	Lake Vyrnwy Experimental Station	Mean of All Records	1916-50 Av. (Regional Mean of Six Stations)
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
January.....	·35	·01	·15	·07	·22	·15
February.....	·42	c. ·04	·44	·08	·36	·30
March.....	·94	·71	·92	·93	1·01	·86
April.....	1·86	1·51	1·50	1·94	1·91	1·64
May.....	2·69	2·55	2·60	2·72	2·86	2·55
June.....	4·20	3·78	4·31	4·00	4·05	3·09
July.....	2·52	2·05	2·79	2·46	2·72	3·08
August.....	2·45	2·23	2·43	1·87	2·43	2·50
September.....	1·62	1·26	1·83	1·42	1·65	1·60
October.....	·58	·28	·63	·52	·65	·87
November.....	·46	·30	·93	·55	·50	·34
December.....	·48	c. ·05	·15	·12	·27	·17
Year.....	18·57	14·59	18·68	16·68	18·63	17·15
Average (1916-50).....	17·31	—	19·81	—	—	—
Difference from Average..	+1·26	—	-1·13	—	—	—

Table 10B. Rainfall, Percolation and Inferred Evaporation 1959

Station	Farlington, Hants.					Rothamsted, Herts.		Fleam Dyke, Cambs.		Lound, Suffolk			
	36-in. diameter					$\frac{1}{1000}$ acre		$\frac{1}{1000}$ acre		15-in. diameter			
						Soil**		Chalk†					
						24 in.	36 in.	20 in.	60 in.	Rain in.	11 in.	Soil†	Gravel
Gauge Size.....													
Core.....													
Depth.....													
January.....	Rain in.	3.33	3.46	in.	3.61	in.	3.45	in.	3.02	Rain in.	2.79	in.	in.
February.....		.18	.07		.12		.10		.11		.04		3.51
March.....		2.68	1.19		1.05		.99		1.24		.05		.27
April.....		2.17	.53		.73		.75		.65		.29		.16
May.....		.40	.03		.08		.04		.26		.02		.15
June.....		.80	...		...		...		...		...		.07
July.....		2.85	...		...		...		...		...		...
August.....		4.04	.01		...		...		1.44		.02		.68
September.....		.18	...		...		...		.12		.36		...
October.....		3.09	...		...		...		.41		.01		.89
November.....		3.73	1.92		...		...		1.68		.50		2.42
December.....		7.50	6.65		4.90		3.83		4.17		2.48		2.59
Year.....		31.13	13.79	12.25	9.44	10.55	9.16	26.70	13.10	21.04	9.09	7.79	10.74
Inferred Evaporation....		...	17.34	18.88	21.69	20.58	21.97	...	13.02	...	9.56	10.86	7.91

* Depths include 12 in. top soil and turf.

† Depths include 6 in. top soil and turf.

** Through bare, unworked soil.

† Through turfed soil.

Table 10B. Rainfall, Percolation and Inferred Evaporation 1960

Station	Farlington, Hants.						Rothamsted, Herts.			Fleam Dyke, Cambs.			Lound, Suffolk		
	36-in. diameter						$\frac{1}{1000}$ acre			$\frac{1}{1000}$ acre			15-in. diameter		
	Chalky Marl*		Sand†		Chalk†		Soil**			Chalk†			Soil†		
Gauge Size.....	24 in.	36 in.	48 in.	36 in.	36 in.	36 in.	20 in.	60 in.		36 in.	36 in.		11 in.	36 in.	36 in.
Core.....															
Depth.....															
January	Rain in.	3.76	3.92	4.07	4.24	3.99	in.	2.43	Rain in.	1.58	1.19	in.	3.96	3.74	in.
February	4.35	3.76	3.92	4.07	4.24	3.99	2.33	2.06	1.81	1.58	1.19	3.82	3.96	3.74	4.20
March	3.50	2.65	2.85	2.84	2.99	2.82	1.97	2.06	1.08	.97	.70	1.33	1.05	.99	1.13
April	1.81	.67	.70	.73	.89	.80	.75	.74	1.31	.48	.30	1.13	.30	...	.44
May .....	.91	.19	.32	.38	.45	.47	.04	.07	.39	.20	.09	.69	.01	...	.15
June	1.19	...	...	.01	.02	...	.30	.30	.75	.01	.01	.26	.01	...	...
July	2.31	...	...	.01	...	...	...	.01	1.87	...	...	1.14	...	...	...
August	4.02	...	...	...	...	...	.58	.62	3.59	.70	...	2.64	.03	...	...
September	5.81	1.89	.87	.87	...	.45	.91	.93	2.61	.33	...	3.51	.03	...	.01
October	5.24	2.54	2.06	.97	1.50	1.91	2.19	2.21	4.71	3.13	.51	3.50	2.13	.57	1.10
November	7.54	6.55	6.42	6.26	6.39	6.33	4.96	4.78	4.05	2.63	3.01	7.00	5.26	1.69	4.59
December	5.91	5.55	5.51	5.98	6.01	6.56	3.94	4.15	3.11	3.69	4.09	3.31	3.23	.66	3.63
Year	4.68	3.97	3.89	4.04	4.13	3.91	3.25	3.28	3.03	3.43	3.62	4.11	4.07	2.13	3.32
Inferred Evaporation.....	47.27	27.77	26.54	26.16	26.62	27.24	21.22	21.58	28.31	17.15	13.52	32.44	20.08	9.78	18.57
	...	19.50	20.73	21.11	20.65	20.03	15.15	14.79	...	11.16	14.79	...	12.36	22.66	13.87

* Depths include 12 in. top soil and turf.

** Through bare unworked soil.

† Through turfed soil.

Table 10C. Drainage Observations 1959

	Prescot, Lancashire		Lake Vyrnwy, Montgomeryshire				
1959	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.....	3.33	2.89	7.45	7.43	7.40	7.43	7.29
February.....	.42	.18	.89	.35	.60	.54	.54
March.....	1.39	.38	3.87	2.90	3.21	3.16	3.25
April.....	2.84	1.50	5.05	3.92	4.37	4.10	4.17
May.....	1.99	.96	2.11	.65	.93	.62	.64
June.....	2.83	—	3.77	1.28	1.19	.79	.95
July.....	3.46	.18	7.13	4.33	3.97	3.19	3.62
August.....	1.17	.16	1.93	.33	.52	.21	.26
September.....	.25	—	.43	—	—	—	—
October.....	3.19	.94	8.89	7.15	6.97	6.13	6.18
November.....	4.95	3.40	6.18	5.82	5.86	5.73	5.82
December.....	6.07	5.30	14.10	14.05	14.12	14.17	14.13
Year.....	31.89	15.89	61.80	48.21	49.14	46.07	46.85
Soil evaporation ..	...	16.00	...	13.59	12.66	15.73	14.95

Table 10C. Drainage Observations 1960

	Prescot, Lancashire		Lake Vyrnwy, Montgomeryshire				
1960	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.....	4.87	4.07	9.66	9.40	9.71	9.32	9.32
February.....	1.78	1.11	6.98	6.53	6.45	5.91	5.64
March.....	1.78	.60	3.16	2.85	2.81	2.55	2.57
April.....	1.54	.78	4.84	4.06	4.35	4.19	4.24
May.....	2.36	.79	2.20	.66	.46	—	.12
June.....	2.03	.04	2.82	1.06	1.01	.13	.40
July.....	4.97	.73	6.54	4.08	3.05	1.96	2.57
August.....	4.60	1.67	6.86	5.35	5.14	4.74	4.77
September.....	3.42	2.05	5.36	4.51	4.41	3.66	3.72
October.....	3.71	2.66	6.94	6.65	6.57	6.39	6.48
November.....	5.77	5.14	14.08	14.08	13.90	14.07	14.03
December.....	3.82	3.62	9.88	9.90	9.77	9.55	9.54
Year.....	40.65	23.26	79.32	69.13	67.63	62.47	63.40
Soil evaporation ..	...	17.39	...	10.19	11.69	16.85	15.92

* The receiving surface of the seepage gauge is ten times that of a 5" diameter rain gauge.

† The receiving surfaces of percolation gauges are 13 times that of a 5" diameter rain gauge.

Potential Evapotranspiration data

In Part III of *British Rainfall* 1958, F. H. W. Green contributed lysimeter observations from a number of stations operated by the Nature Conservancy and others. It has been decided to give the 1959 and 1960 observations from these lysimeters in Tables 10D and 10E of the present chapter. The following notes by F. H. W. Green of the Nature Conservancy amplify these tables.

Particulars of the method of observation and the precautions taken against such things as the oasis effect, which had to be specially guarded against in the dry summer of 1959, were given in *British Rainfall* 1958, and further details can be obtained from the author's earlier papers (Green 1959, 1960).

The tables for 1958 included **Potential Water Deficit (*PWD*)** and **Potential Water Surplus (*PWS*)** calculated by calendar months. This has not been done in the case of 1959 and 1960, but they can be simply obtained by subtraction of potential evapotranspiration (*PE*) from rainfall (*R*) or vice versa. Commencing with 1959, *PWS* and *PWD* have been assessed by wet and dry periods (i.e. periods when *R* exceeded *PE*, and periods when *PE* exceeded *R*) of five days or more, and these figures, which are ecologically and hydrologically more realistic than figures for calendar months, are given in Table 10D.

It needs to be emphasized that the terms

potential water (or soil moisture) deficit and surplus are not necessarily the same as *actual* water deficit and surplus, which are affected by many factors, notably type of soil and nature of vegetation cover, which do not significantly affect the *potential* values. The *actual* water surplus in a wet period is in particular affected by the amount of water deficit (which may or may not have reached the potential value) in an immediately preceding dry period. Any actual deficit has to be made good in the ensuing wet period before there begins to be a surplus, but if the *actual* deficit had been nil in the dry period (an extreme circumstance which is unlikely), the *actual* surplus in the ensuing wet period would be the same as the *potential* surplus. In a short dry spell, soil moisture can well be sufficient to maintain evapotranspiration at the potential rate, so that *actual* water evaporated is equal to the *PWD*; in this case, the actual water surplus in the ensuing wet period is less by this amount than the *potential* water surplus. Most commonly, reality is found to lie between these two extremes.

References

- GREEN, F. H. W., 1959, *Q. J. Roy. Met. Soc.*, **85**, pp. 152-158.
 GREEN, F. H. W., 1960, *Water and Water Engineering*, **64**, 778, pp. 558-563.

Table 10D. Potential Evapotranspiration and Rainfall 1959

PE=Potential Evapotranspiration. *R*=Rainfall. *PWD*=Potential Water Deficit.
PWS=Potential Water Surplus.

(All values given in inches)

	Achnagoichan	Kinloch, I. of Rhum	Kinlochewe	Lossiemouth	Moor House	Prabost	Swyddffynnon	Blacklaw Moss	Slaidburn	Wellesbourne
January..... <i>PE</i>	-0.1	-0.3	(-0.3)	(0.3)	(1.2)	0.0	0.1	(-0.2)	0.3	0.5
<i>R</i>	2.7	7.9	5.8	3.0	5.5	6.0	5.8	1.6	5.0	3.6
<i>PWD</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	...
<i>PWS</i>	2.8	8.2	6.1	2.7	4.3	6.0	5.7	...	4.7	...
February..... <i>PE</i>	0.2	0.1	-0.2	0.4	(1.5)	0.5	0.5	0.2	0.1	0.2
<i>R</i>	0.8	4.4	4.9	0.3	2.4	4.9	0.9	2.1	1.1	0.1
<i>PWD</i>	0.0	0.0	0.3	0.1	0.0	0.0	0.2	...	0.0	...
<i>PWS</i>	0.6	4.3	5.4	0.0	0.9	4.4	0.6	...	1.0	...
March..... <i>PE</i>	1.1	0.5	0.2	0.9	1.3	1.1	0.6	0.6	1.0	1.5
<i>R</i>	1.6	7.9	3.0	0.7	4.3	3.4	3.5	1.2	3.2	2.0
<i>PWD</i>	0.2	0.1	0.2	0.3	0.3	0.2	0.0	...	0.2	...
<i>PWS</i>	0.7	7.5	3.0	0.1	3.3	2.5	2.9	...	2.4	...
April..... <i>PE</i>	1.5	1.1	1.0	1.7	1.0	1.4	1.0	1.4	2.1	1.8
<i>R</i>	2.7	6.7	6.6	2.1	7.6	5.8	4.5	2.2	3.6	2.6
<i>PWD</i>	0.1	0.2	0.1	0.0	0.2	0.4	0.0	...	0.3	...
<i>PWS</i>	1.3	5.8	5.7	0.4	6.8	4.8	3.5	...	1.8	...
May..... <i>PE</i>	2.8	2.3	3.0	2.9	2.9	2.9	2.8	2.4	2.7	3.2
<i>R</i>	0.7	2.4	2.2	0.4	1.3	1.9	1.1	1.2	1.6	0.5
<i>PWD</i>	2.1	0.1	2.1	2.5	1.6	1.9	2.2	...	1.1	...
<i>PWS</i>	0.0	0.2	1.3	0.0	0.0	0.9	0.5	...	0.0	...
June..... <i>PE</i>	3.2	3.8	3.2	4.6	3.6	2.2	3.2	2.3	3.6	4.4
<i>R</i>	2.9	7.0	8.0	1.7	4.0	7.1	2.2	2.7	4.7	0.5
<i>PWD</i>	1.8	0.7	0.5	2.9	2.2	0.5	1.6	...	1.5	...
<i>PWS</i>	1.5	3.9	5.3	0.0	1.9	5.4	0.6	...	2.6	...
July..... <i>PE</i>	3.1	1.9	3.2	3.8	2.9	1.0	(3.0)	2.7	3.0	5.2
<i>R</i>	2.6	13.0	9.8	2.2	6.0	9.1	4.0	3.6	3.8	1.7
<i>PWD</i>	1.6	0.0	0.0	2.3	1.3	0.0	0.7	...	1.3	...
<i>PWS</i>	1.1	11.1	6.6	0.7	4.9	8.1	1.7	...	2.1	...
August..... <i>PE</i>	3.0	2.6	3.1	4.6	3.0	1.1	2.8	2.0	3.2	4.5
<i>R</i>	1.8	7.0	5.4	0.9	1.4	6.5	1.9	0.6	0.5	0.7
<i>PWD</i>	1.3	0.0	0.5	3.7	2.2	0.0	1.8	...	2.7	...
<i>PWS</i>	0.1	4.4	2.8	0.0	0.6	5.4	0.9	...	0.0	...
September..... <i>PE</i>	2.4	1.7	1.5	2.8	2.0	1.4	2.7	2.0	2.8	3.7
<i>R</i>	0.6	6.0	4.0	1.2	1.8	3.8	0.3	1.0	0.6	0.1
<i>PWD</i>	1.9	1.3	1.1	1.7	1.6	0.7	2.4	...	2.2	...
<i>PWS</i>	0.1	5.6	3.6	0.1	1.4	3.1	0.0	...	0.0	...

Table 10D (continued)

	Achnagoichan	Kinloch, I. of Rhum	Kinlochewe	Lossiemouth	Moor House	Prabost	Swyddffynnon	Blacklaw Moss	Slaidburn	Wellesbourne
October..... <i>PE</i>	(1.0)	1.4	1.0	1.8	1.5	0.6	1.7	1.6	3.0	1.5
<i>R</i>	4.5	11.9	13.4	3.1	7.8	8.5	9.2	3.4	7.4	2.3
<i>PWD</i>	0.5	0.5	0.7	1.3	1.1	1.0	0.0	...	1.3	...
<i>PWS</i>	4.0	11.0	13.1	2.6	7.4	8.9	7.5	...	5.7	...
November..... <i>PE</i>	0.4	0.6	0.5	(0.6)	0.5	0.2	0.1	0.9	1.0	0.1
<i>R</i>	4.4	14.6	8.7	2.4	8.7	11.2	7.1	6.1	6.7	2.1
<i>PWD</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	...
<i>PWS</i>	4.0	14.0	8.2	1.8	8.2	11.0	7.0	...	5.7	...
December..... <i>PE</i>	0.5	0.9	(0.4)	0.4	0.4	0.1	(-0.9)	0.2	0.9	0.7
<i>R</i>	3.9	17.2	9.3	1.2	12.3	10.7	7.3	3.4	12.2	3.5
<i>PWD</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	...
<i>PWS</i>	3.4	16.3	8.9	0.8	11.9	10.6	8.2	...	11.3	...
Year..... <i>PE</i>	19.1	16.6	16.6	24.8	21.8	12.5	17.6	16.1	23.7	27.3
<i>R</i>	29.2	106.0	81.1	19.2	63.1	78.9	47.8	29.1	50.4	19.7
<i>PWD</i>	9.5	2.9	5.5	14.8	10.5	4.7	8.9	...	10.6	...
<i>PWS</i>	19.6	92.3	70.0	9.2	51.8	71.1	39.1	...	37.3	...

Observations from stations in Table 10E are given with acknowledgment to the authorities named.

Table 10D. Potential Evapotranspiration and Rainfall 1960

PE = Potential Evapotranspiration. R = Rainfall. PWD = Potential Water Deficit. PWS = Potential Water Surplus.

(All values given in inches)

	Achnagoichan	Cwm Dylli	Kinloch, I. of Rhum	Kinlochewe	Lossiemouth	Moor House	Prabost, I. of Skye	Stilligarry	Swyddffynnon	Taraside (Milton)	Blacklaw Moss	Cawood	Rosewarne	Slaidburn (D21)	Wellesbourne
January..... PE	0.7	(0.5)	0.5	(0.6)	0.2	(0.5)	0.4	1.7	(-0.7)	0.9	(0.1)	-0.2	0.6	0.6	0.5
R	2.2	(22.5)	8.0	5.5	3.8	8.4	4.6	4.8	6.7	5.5	3.0	4.5	3.8	7.5	3.7
PWD	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	...	...	...	0.0	...
PWS	1.6	22.0	7.5	4.9	3.6	7.9	4.2	3.1	7.7	4.6	...	...	...	6.9	...
February..... PE	0.6	(1.1)	0.9	(0.9)	0.8	(0.6)	0.6	1.6	(-0.2)	1.3	(0.1)	0.1	0.4	0.7	0.8
R	2.4	16.8	9.4	7.3	2.2	7.4	5.0	3.7	4.7	6.2	2.9	1.3	5.0	5.4	1.6
PWD	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	...	...	...	0.1	...
PWS	1.9	15.7	8.5	6.4	1.4	6.8	4.4	2.4	4.9	4.9	...	...	...	4.8	...
March..... PE	0.9	(1.4)	1.0	0.9	1.2	(0.9)	1.2	2.3	1.0	0.7	0.7	1.0	0.9	1.1	1.1
R	0.5	4.1	2.6	0.9	1.1	2.7	1.5	3.5	2.2	2.7	2.2	1.5	3.6	1.9	0.9
PWD	0.8	0.4	0.5	0.6	0.8	0.2	0.8	1.1	0.0	0.2	...	...	...	0.6	...
PWS	0.4	3.1	2.1	0.6	0.7	2.0	1.1	2.3	1.2	2.2	...	...	...	1.4	...
April..... PE	1.4	2.1	1.6	(1.4)	2.2	(1.9)	1.2	3.4	1.2	2.6	1.7	2.3	2.6	1.9	2.0
R	2.1	9.2	8.7	7.9	1.5	5.1	5.7	4.0	3.8	5.7	2.2	0.6	2.6	4.3	0.7
PWD	0.5	1.3	0.5	0.3	1.2	1.0	0.4	1.2	0.9	0.6	...	...	...	0.5	...
PWS	1.2	8.4	7.6	6.8	0.5	4.2	4.9	1.8	3.5	3.7	...	...	...	2.9	...
May..... PE	3.0	3.3	3.1	2.4	2.9	3.0	2.7	4.4	2.1	2.7	2.7	3.4	5.8	2.8	3.5
R	0.7	4.6	4.3	2.4	0.6	2.5	3.2	4.0	1.7	2.2	1.9	0.6	2.0	2.2	1.3
PWD	2.6	1.5	1.2	1.0	2.4	2.0	1.0	1.7	1.8	1.0	...	...	...	1.5	...
PWS	0.3	2.8	2.4	1.0	0.1	1.5	1.5	1.3	1.4	0.5	...	...	...	0.9	...
June..... PE	3.5	3.5	2.8	(3.6)	3.3	3.7	2.6	4.6	3.0	3.6	3.5	4.9	5.3	3.6	6.1
R	1.9	6.6	5.9	7.5	2.4	3.0	5.1	3.5	2.5	2.1	1.6	0.4	1.0	2.2	2.0
PWD	1.9	2.1	1.5	0.9	1.9	2.9	1.2	2.3	2.0	2.1	...	...	...	2.1	...
PWS	0.3	5.2	4.6	4.8	1.0	2.2	3.7	1.2	1.5	0.6	...	...	...	0.7	...

Table 10D (continued)

	Achnagoichan	Cwm Dylli	Kinloch I. of Rhum	Kinlochewe	Lossiemouth	Moor House	Prabost I. of Skye	Stilligarry	Swyddffynnon	Tarfside (Milton)	Blacklaw Moss	Cawood	Rosewarne	Slaidburn (D21)	Wellesbourne
July.....PE	2.3	1.9	2.7	2.3	3.0	2.0	2.8	5.1	2.1	2.2	3.7	3.4	4.4	2.7	.. 3.0
R	2.5	12.8	5.9	3.2	2.6	7.9	4.3	4.2	4.9	4.6	3.1	3.9	4.4	9.3	..
PWD	0.2	0.0	0.3	0.0	1.1	0.0	0.5	1.2	0.3	0.2	..	..	..	0.3	..
PWS	0.4	10.9	3.5	0.9	0.7	5.9	2.0	0.3	3.1	2.6	..	..	..	6.9	..
August.....PE	1.5	1.5	1.9	1.9	2.0	2.2	2.0	4.0	1.1	1.7	2.7	2.7	2.9	2.2	.. 4.7
R	8.1	7.9	5.0	5.3	5.8	4.3	3.2	3.4	6.9	4.2	2.4	2.5	3.2	4.6	..
PWD	0.0	0.0	0.4	0.0	0.0	0.0	0.4	1.8	0.4	0.2	..	..	..	0.2	..
PWS	6.6	6.4	3.5	3.4	3.8	2.1	1.6	1.2	6.2	2.7	..	..	..	2.6	..
September.....PE	1.4	0.9	1.6	1.6	1.5	0.9	1.1	3.0	1.0	1.5	1.5	2.1	2.8	1.4	.. 3.5
R	2.5	10.4	8.9	5.4	2.3	3.3	7.1	4.0	6.9	4.6	2.2	3.1	5.8	3.9	..
PWD	0.4	0.3	0.3	0.0	0.3	0.3	0.2	0.4	0.3	0.0	..	..	..	0.5	..
PWS	1.5	9.8	7.6	3.8	1.1	2.7	6.2	1.4	6.2	3.1	..	..	..	3.0	..
October.....PE	0.7	(0.5)	1.3	0.9	0.8	0.6	0.9	(1.2)	0.4	1.1	1.0	1.5	2.0	0.8	.. 4.1
R	3.6	9.1	2.1	1.7	3.4	8.4	1.6	1.9	5.1	9.8	3.1	5.5	6.9	4.5	..
PWD	0.0	0.0	0.2	0.2	0.1	0.0	0.2	0.5	0.0	0.0	..	..	..	0.1	..
PWS	2.9	8.6	1.0	1.0	2.7	7.8	0.9	1.2	4.7	8.7	..	..	..	3.8	..
November.....PE	0.4	(-0.2)	0.9	0.5	0.4	0.2	0.3	(0.9)	(-0.6)	1.1	0.4	0.8	-0.1	0.6	.. 2.9
R	2.0	24.5	14.1	5.1	1.7	12.3	8.1	8.2	9.9	7.0	5.4	4.6	6.1	10.8	..
PWD	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	..	..	..	0.0	..
PWS	1.6	24.7	13.2	4.6	1.4	12.1	7.8	7.3	10.5	5.9	..	..	..	10.2	..
December.....PE	0.1	(-0.5)	0.0	0.3	0.4	0.2	0.0	1.2	(-0.3)	0.8	0.2	0.5	-0.1	0.4	.. 3.2
R	3.0	14.6	16.4	11.4	0.9	7.5	10.1	6.7	7.2	3.3	2.3	2.0	5.3	8.0	..
PWD	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	..	..	..	0.0	..
PWS	2.9	15.1	16.4	11.1	0.6	7.3	10.1	5.5	7.5	2.5	..	..	..	7.6	..
Year.....PE	16.5	16.0	18.3	17.3	18.7	16.7	15.8	33.4	10.1	20.2	18.3	22.5	27.5	18.8	.. 31.6
R	31.5	143.1	91.3	63.6	28.3	72.8	59.5	51.9	62.5	57.9	32.3	30.5	50.0	64.6	..
PWD	6.6	5.6	4.9	3.0	8.0	6.4	4.7	10.5	6.0	4.3	..	..	..	5.9	..
PWS	21.6	132.7	77.9	49.3	17.6	62.5	48.4	29.0	58.4	42.0	..	..	..	51.7	..

Observations from stations in Table 10e are given with acknowledgment to the authorities named.

Table 10E

STATION INFORMATION

(1) *Nature Conservancy and Allied Stations*

Station	Observer	National Grid Reference	Height a.o.d. (ft.)
Achnagoichan	A. MacDonald	NH 913082	1,000
Cwm Dyli	Superintendent, Power Station, C.E.G.B.	SH 654542	310
Kinloch, Isle of Rhum	P. Wormell	NM 402996	15
Kinlochewe	J. Polson	NH 024630	82
Lossiemoth	Senior Met. Officer, R.N. Air Station	NJ 214698	15
Moor House	M. Rawes	NY 758328	1,850
Prabost	Mr. and Mrs. R. M. Murray	NG 418501	220
Stilligarry	M. McRury	NF 770387	15
Swyddffynnon	Mr. and Mrs. R. M. Kydd	SN 696654	588
Tarfside (Milton)	J. Robertson	NO 479808	750

(2) *Other Stations*

Blacklaw Moss	Hill Farming Research Organization	NS 925488	730
Cawood	Director, Experimental Husbandry Farm	SE 561366	20
Camborne	Rosewarne Experimental Horticult. Station	SW 643412	250
Slaidburn (Stocks) . . .	Fylde Water Board	SD 717548	629
Wellesbourne	National Vegetable Research Station	SP 271565	153

ERRATA

In the table of figures for Aberystwyth on p. 11 of part III of *British Rainfall 1958*, the observed figure for August should read 2.1 instead of 2.7, and the Penman figure for March should read 0.9 instead of 0.3, the units being inches.

In Tables I and II (pp. 12-14) of the same work, "Kinlochave" should read "Kinlochewe".

METEOROLOGICAL OFFICE

**BRITISH RAINFALL,
1959 and 1960**

PART II

*General Table of
Total Rainfall in 1959 and 1960*
at Stations in Great Britain and Northern Ireland.

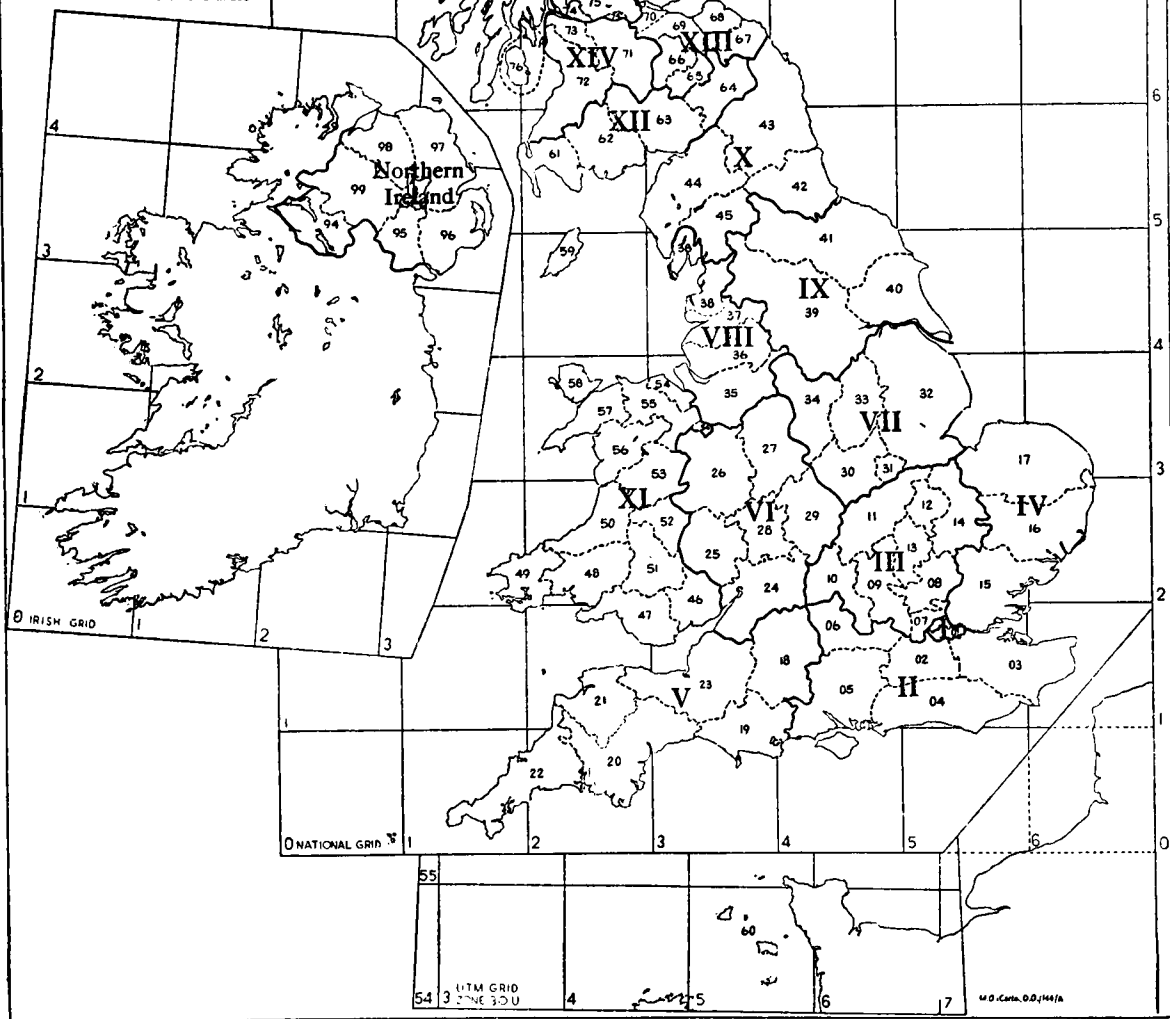
AIR MINISTRY

Divisions used in British Rainfall

Division
Boundaries ———

County
Boundaries - - - - -

0 20 40 60 80 100 120 140 160
KILOMETRES
0 10 20 30 40 50 60 70 80 90 100
STATUTE MILES



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General Table of Total Rainfall in 1959 and 1960

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 on page ii, with an index on page iii.

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 water works 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 the mean of the annual values for the standard

period 1916 to 1950. With shorter records, they have been reduced by accepted methods to the standard period.

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

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Cambridgeshire	25	Kent	6	Somerset	41
Cheshire	61	Lancashire	64	Staffordshire	49
Cornwall and Isles of Scilly	39	Leicestershire	54	Suffolk	29
Cumberland	83	Lincolnshire	55	Surrey	2
Derbyshire	58	London	1	Sussex	9
Devonshire	36	Middlesex	17	Warwickshire	52
Dorset	34	Monmouthshire	86	Westmorland	85
Durham	80	Norfolk	31	Wiltshire	33
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Carmarthenshire	89	Glamorgan	87	Radnorshire	93

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Isle of Man	99	Channel Islands	99
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Berwickshire	104	Kirkcudbrightshire	100	Selkirkshire	103
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Caithness	132	Midlothian	105	Stirlingshire	112
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England and Wales

DIVISION I—LONDON (Area 117 sq. mi.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
1.—THAMES. Right Bank Tributaries. 67 sq. mi.					ft.	in.	in.			in.		
BERMONDSEY												
d	Southwark Park ..	..	..	TQ(51)353791	9	...	21·18	...	104	...	...	...
LAMBETH												
D D	Brockwell Park ..	..	..	TQ(51)315741	144	...	18·63	133	99	29·96	189	136
D D	Brixton Hill Reservoir ..	..	..	TQ(51)305743	121	23·4	18·05	129	100	29·81	176	138
BATTERSEA												
d	Battersea Park ..	..	..	TQ(51)275773	13	...	18·76	...	...	...	...	...
WANDSWORTH												
d D	Tooting Bec (Moring Road) ..	..	..	TQ(51)284714	150	...	19·28	142	102	28·96	200	144
D D	Streatham Hill Reservoir ..	..	..	TQ(51)306732	202	23·6	18·83	130	101	29·24	179	133
D D	Putney Heath Reservoir ..	..	(+ A)	TQ(51)234737	184	...	17·34	129	97	29·30	197	139
D D	Streatham (Furzedown Rec. Ground)			TQ(51)286712	89	24·9	18·31	136	103	29·37	198	147
D D	Southfields (Coronation Gardens) ..			TQ(51)251734	37	23·9	18·61	129	107	29·69	189	145
D d	Dulwich (Belair) ..	..	..	TQ(51)329732	150	...	20·33	135	110	32·03	185	145
CAMBERWELL												
D D	Nunhead Reservoir ..	..	..	TQ(51)351754	175	22·8	17·91	125	98	30·58	187	131
DEPTFORD												
D d	Telegraph Hill ..	..	..	TQ(51)357761	130	...	20·99	137	104	34·21	197	147
d d	Waterworks ..	..	..	TQ(51)375766	20	23·1	18·15	...	99	30·42	177	134
GREENWICH												
D D	Deptford (Pumping Station) ..	..	(+ A)	TQ(51)377773	15	22·6	17·59	130	102	29·92	181	132
D D	GREENWICH (Nat. Maritime Museum)		(+ A)	TQ(51)387776	24	22·6	18·43	136	106	30·60	197	136
LEWISHAM												
d d	Forest Hill Reservoir ..	..	(+ A)	TQ(51)352736	339	...	18·32	...	...	31·44	...	...
WOOLWICH												
d d	§Eltham (High Street) ..	..	(+ A)	TQ(51)433745	245	24·1	16·97	...	...	31·74	...	...
2.—THAMES. Left Bank Tributaries. 50 sq. mi.												
KENSINGTON												
D D	Holland House ..	..	..	TQ(51)249797	68	24·6	18·80	125	91	32·33	180	143
D D	Campden Hill Reservoir ..	..	(+ A)	TQ(51)250801	138	...	19·07	128	97	32·35	194	141
D D	KENSINGTON PALACE ..	..	(+ A)	TQ(51)259801	81	25·1	19·45	135	97	32·70	201	138
HAMMERSMITH												
D D	Pumping Station ..	..	(+ A)	TQ(51)232782	19	...	18·29	130	95	29·47	182	131
FULHAM												
D D	Bishop's Park ..	..	(+ A)	TQ(51)241764	15	...	17·80	126	98	29·11	198	141
CHELSEA												
D D	Physic Garden ..	..	..	TQ(51)277778	20	23·3	17·80	124	98	29·61	199	137
D D	College of S. Mark & S. John ..	..	..	TQ(51)259773	13	...	17·27	120	95	28·96	183	134
WESTMINSTER												
d d	Western Pumping Station ..	..	(+ A)	TQ(51)286781	16	22·4	17·25	...	...	29·45	...	131
D D	Buckingham Palace ..	..	..	TQ(51)287793	35	24·4	18·68	127	101	31·34	186	143
D D	ST. JAMES'S PARK ..	..	(+ A)	TQ(51)299799	27	23·4	18·45	133	103	29·35	189	138
ST. MARYLEBONE												
D d	REGENT'S PARK ..	..	..	TQ(51)283826	129	...	20·10	115	97	33·32	164	140

§ Turf wall around gauge.

BRITISH RAINFALL 1959-60
DIVISION I—LONDON—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
2.—THAMES.		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
Left Bank Tributaries—(contd.)									
HAMPSTEAD									
D D OBSERVATORY (+ A)	TQ(51)262863	450	27.0	20.11	151	103	35.24	224	146
D D Golders Hill Park	TQ(51)255870	350	...	21.08	141	105	36.05	208	146
ST. PANCRAS									
D D CAMDEN SQUARE (Gardens) .. (+ A)	TQ(51)296846	121	25.1	19.95	132	104	33.51	196	137
STOKE NEWINGTON									
D D New River Filter Beds	TQ(51)319868	101	23.9	19.10	124	98	32.27	194	138
D D New River Res. (Lordship Rd.) ..	TQ(51)325874	105	23.9	18.89	129	102	29.88	186	131
HACKNEY									
D D Clapton Pond (+ A)	TQ(51)358844	68	23.9	21.31	133	102	31.10	197	130
FINSBURY									
d d New River Head	TQ(51)312827	104	23.2	22.62	...	...	32.02	...	...
BETHNAL GREEN									
D d Victoria Park	TQ(51)355835	43	...	21.94	114	100	31.86	179	138
POPLAR									
D D Isle of Dogs (Island Gardens)	TQ(51)384783	18	...	17.30	127	95	30.08	190	126
D D Old Ford (Penstock House) .. (+ A)	TQ(51)369839	39	...	18.84	122	100	28.98	166	128
WOOLWICH									
D D Barking Outfall	TQ(51)452818	24	21.9	15.24	114	92	27.30	171	126

DIVISION II—SOUTH-EASTERN COUNTIES

SURREY. (Area, 725 sq. mi.)									
1.—ARUN. 45 sq. mi.									
D D Hambledon (Vann Pumping Station) ..	SU(41)978380	200	...	30.26	142	107	41.55	208	163
2.—MEDWAY. 50 sq. mi.									
D D Dormans Park (Chartham Park) ..	TQ(51)382407	270	32.3	27.64	148	103	44.52	217	171
D D Dormans Park (Yew Lodge)	TQ(51)382414	260	32.3	26.91	156	106	42.70	224	168
D D Lingfield (Sewage Works) .. (+ A)	TQ(51)384450	155	29.9	23.59	143	101	39.04	213	159
D D Limpsfield (Paines Hill)	TQ(51)412515	310	...	23.12	130	104	38.77	198	164
D D Limpsfield & Oxted Sewage Wks. (+ A)	TQ(51)398501	229	...	23.37	149	106	36.36	230	166
M M Limpsfield (Kent Hatch Reservoir) ..	TQ(51)436515	664	...	21.82	...	...	37.21	...	...
M Limpsfield (Briars Court)	TQ(51)415519	560	...	...	...	...	38.41	...	...
3.—THAMES. Darent. 22 sq. mi.									
D D Godstone (Pumping Station)	TQ(51)352522	353	29.0	22.60	132	106	35.42	198	163
D D Westwood (Pumping Station)	TQ(51)425541	418	...	22.99	136	110	38.07	201	164
D d Warlingham Park Hospital	TQ(51)373595	587	31.6	26.80	134	108	36.78	...	...
D D Addington (Hares Bank Pump. Stn.) ..	TQ(51)370627	330	29.8	22.41	137	111	34.89	204	160
D D Addington (Abbotswood)	TQ(51)375646	390	28.6	22.37	130	109	35.03	197	145
D D ADDINGTON Hills Reservoir	TQ(51)352643	474	28.9	22.40	146	106	35.83	215	158
4.—THAMES. Wandle. 71 sq. mi.									
D D Caterham (Dome Hill Peak)	TQ(51)331543	650	...	24.72	140	110	38.57	208	162
D D Kingswood (Margary Hall Res.)	TQ(51)252526	691	33.5	25.89	142	113	39.70	214	171
D d Kingswood (The Chase)	TQ(51)255564	550	31.6	26.76	149	114	37.16	...	...
M Woldingham Reservoir	TQ(51)379549	840	34.8	...	...	...	39.69	...	...
D D Caterham Reservoir	TQ(51)333550	705	33.3	24.85	148	114	37.62	210	163
D D Caterham (Alderstead Heath) .. (+ A)	TQ(51)302550	577	...	25.21	164	114	38.43	235	169
D D Chelsham & Woldingham W.W. ..	TQ(51)386552	478	33.1	25.40	144	110	38.18	205	164

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
SURREY—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
4.—THAMES. Wandle—(contd.)									
D D Caterham (White Knobs Way) ..	TQ(51)345547	500	34·3	27·35	161	116	41·98	242	175
D D Banstead (Burgh Heath Reservoir) ..	TQ(51)237581	582	30·4	27·89	146	117	37·18	220	163
D D Chipstead (How Green Reservoir) ..	TQ(51)283581	528	...	26·09	141	108	37·45	218	165
D D Coulsdon (The Vale) ..	TQ(51)302604	318	30·7	25·12	146	109	35·06	186	143
D D Kenley (Refuse Disposal Works) (+ A)	TQ(51)335593	286	...	25·28	138	107	36·23	206	156
D Kenley (Pumping Station) ..	TQ(51)325601	275	29·6	24·06	135	108	...	...	...
D D Banstead (The Council House) ..	TQ(51)248588	550	...	26·24	142	113	36·09	214	150
D D Coulsdon (Midday Sun Allotments) (+ A)	TQ(51)294587	325	...	26·03	157	115	36·81	232	164
d d Banstead (Sutton Lane) ..	TQ(51)258601	500	...	26·46	139	112	(36·49)	...	...
D D Woodcote Park Golf Club .. (+ A)	TQ(51)290603	450	29·1	24·53	151	108	33·49	220	152
D Banstead Mental Hospital ..	TQ(51)261611	410	...	...	...	...	33·01	204	144
D D Purley (Woodcote Valley Road) ..	TQ(51)304612	310	...	24·68	138	103	35·27	214	154
D D Purley (Pumping Station) ..	TQ(51)312614	214	30·1	24·25	136	105	34·94	207	158
D D Sanderstead ..	TQ(51)335617	408	...	25·30	139	107	35·45	207	155
D D Sanderstead (Beechwood Road) ..	TQ(51)331628	320	...	23·23	137	102	35·16	206	158
D D Purley (Oaks Depot) .. (+ A)	TQ(51)325629	190	...	22·98	(151)	(107)	34·08	213	151
D D CROYDON (WADDON) .. (+ A)	TQ(51)314639	192	...	21·48	126	98	30·44	184	142
D D Carshalton (Pumping Station) ..	TQ(51)278663	84	...	20·03	134	110	29·53	196	140
D D Beddington (Sewage Farm) ..	TQ(51)303661	120	...	20·42	142	100	29·84	198	134
D D Beddington Park .. (+ A)	TQ(51)297654	108	...	21·65	134	107	30·34	198	142
D D Croydon (Northampton Road) ..	TQ(51)342658	210	...	18·50	145	108	30·96	231	143
D D Mitcham (London Road) .. (+ A)	TQ(51)278701	62	...	17·48	129	101	28·36	192	136
D D Wimbledon (Durnsford Road) .. (+ A)	TQ(51)258719	58	...	17·71	137	96	28·08	190	136
5.—THAMES.									
Mole & c. 229 sq. mi.									
D D Horley (GATWICK Airport) .. (+ A)	TQ(51)265407	194	...	26·32	139	101	39·34	211	161
D D Horley (Worth Park Nurseries) ..	TQ(51)297413	195	30·2	25·52	137	108	39·40	...	...
D D Horley (Tinsley S.W.) .. (+ A)	TQ(51)290402	210	29·3	27·10	140	108	42·19	183	157
D D Horley (Yew Trees) ..	TQ(51)280440	180	28·7	24·84	143	103	37·29	209	159
D D Ranmore (Denbies) ..	TQ(51)148505	620	34·4	27·93	133	107	40·52	207	165
D D Dorking (Pixham Lane Sewage Works) (+ A)	TQ(51)177506	138	31·3	24·72	149	100	37·55	221	159
D D Earlswood (Sewage Farm) .. (+ A)	TQ(51)275483	205	28·6	23·37	131	105	33·91	209	156
M M Bletchingley (Brewer Street) ..	TQ(51)325526	410	...	23·92	...	...	35·83	...	...
D D Redhill (London Road) ..	TQ(51)281512	270	30·2	25·39	153	108	35·84	219	164
D D Reigate (Wray Park Road) ..	TQ(51)262511	330	31·3	25·31	135	105	36·67	212	163
D D Reigate (Castle Grounds) ..	TQ(51)253504	320	...	24·13	133	104	34·87	209	164
D D Reigate (Clifton's Lane) ..	TQ(51)239512	278	...	24·85	...	...	35·95	...	...
D D Bletchingley (South Park Farm) ..	TQ(51)342488	350	29·6	23·26	141	99	35·74	197	150
D D Merstham (Gatton Point) ..	TQ(51)283521	300	...	24·84	153	105	36·82	226	160
d d Merstham (Sewage Works) ..	TQ(51)295526	265	...	24·85	124	114	38·55	189	178
D D MICKLEHAM (Juniper Hall) ..	TQ(51)173527	179	29·6	24·78	132	106	35·93	198	148
D D Great Bookham Reservoir ..	TQ(51)146527	462	...	26·96	...	...	37·95	...	...
D D Effingham Reservoir ..	TQ(51)119527	363	...	27·31	...	...	37·50	...	...
D D Headley Reservoir ..	TQ(51)207527	629	32·5	26·77	146	105	40·12	217	171
D D Merstham (Merstham Lodge) ..	TQ(51)285547	500	33·7	26·32	152	116	40·62	228	172
D D Leatherhead (Elmer Softening Works) (+ A)	TQ(51)160557	168	28·9	23·51	130	104	32·68	208	144
D D Leatherhead (Thorncroft Manor) ..	TQ(51)165558	108	29·0	24·49	142	108	34·09	208	155
d d Leatherhead (Tyrrells Wood) ..	TQ(51)186553	410	29·6	25·28	...	...	34·40	...	...

§ Gauge oversheltered.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SURREY—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
5.—THAMES. Mole & c.—(contd.)									
D D Fetcham (Hilley Field)	TQ(51)144565	149	...	...	...	...	32.08	197	149
D D Tadworth Depot	TQ(51)232561	590	...	...	...	...	36.19	206	153
D D Tadworth (Pumping Station)	TQ(51)223569	405	30.4	25.17	147	114	35.04	220	154
d Epsom Downs (Shawley Cres.)	TQ(51)234584	505	...	...	...	...	33.26	...	...
D D Leatherhead (Sewage Works)	TQ(51)148578	104	27.1	21.23	119	99	28.11	183	134
D D Epsom (Downs Road)	TQ(51)217588	400	27.7	24.09	137	105	32.34	212	143
D D Cobham (Towngate)	TQ(51)123599	160	25.5	20.18	127	95	31.69	206	150
D D Epsom College	TQ(51)223599	300	25.8	23.09	144	102	32.45	216	145
D D Cobham (Sewerage Works)	TQ(51)100608	71	24.9	20.66	149	101	30.29	222	154
D D Banstead (Green Curve)	TQ(51)245599	450	...	25.53	144	106	34.91	221	149
d Epsom (Sewage Farm)	TQ(51)207620	125	25.2	21.76	...	...	...	...	...
D D Epsom (Waterworks)	TQ(51)211612	150	26.4	22.32	137	103	30.34	210	140
D D Whiteley Village	TQ(51)091624	190	...	20.15	135	87	29.87	200	149
D D Sutton (Waterworks)	TQ(51)263642	161	...	20.51	134	105	31.01	190	145
D D Sutton (Sewage Works) .. (+A)	TQ(51)250657	99	24.6	19.29	137	105	29.77	197	140
D D Epsom (Ewell Court) .. (+A)	TQ(51)213639	96	...	21.15	136	106	33.06	207	154
D D Weybridge (Weylands Sewage Works) .. (+A)	TQ(51)125656	50	23.3	18.33	124	98	28.23	200	139
D D Esher (Sewage Works) .. (+A)	TQ(51)139661	42	23.5	18.16	128	107	30.25	203	148
d d Esher (Penlea)	TQ(51)140663	35	24.0	20.36	...	...	31.25	...	...
D D Worcester Park (Sewage Works)	TQ(51)229668	68	24.7	19.08	128	104	30.22	186	139
D D Old Malden (Sports Ground)	TQ(51)219669	64	24.9	18.40	124	106	32.27	180	141
D D Surbiton (Seething Wells)	TQ(51)172671	34	24.7	19.08	123	99	29.10	180	146
D D Hogsmill Valley Sewage Works (+A)	TQ(51)194682	41	...	19.34	133	104	28.53	194	139
D D West Molesley (Walton Works)	TQ(51)117684	35	23.7	17.65	120	95	27.99	190	140
D D New Malden (Sewage Works) .. (+A)	TQ(51)197685	51	...	18.81	126	104	27.80	176	137
D D Morden Hall (+A)	TQ(51)260686	118	25.1	18.13	135	102	30.00	202	139
D D Merton (Joseph Hood Rec. Ground)	TQ(51)240688	48	24.2	18.13	141	101	30.41	204	144
D D Merton Park (Mostyn Road)	TQ(51)249688	55	25.5	19.32	143	105	31.36	208	142
D D New Malden (High Drive)	TQ(51)206696	60	24.7	18.74	146	100	28.35	208	137
D D Kingston (Canbury Gardens) .. (+A)	TQ(51)179700	25	23.5	18.24	126	101	28.13	192	139
D D Raynes Park (Cottenham Park P.S.) .. (+A)	TQ(51)237695	50	24.4	18.52	155	99	29.62	211	141
D D New Malden (Kingston Vale) .. (+A)	TQ(51)212712	47	25.3	20.09	129	104	29.00	187	148
D D Richmond (Terrace Gardens)	TQ(51)181740	29	24.5	16.25	132	96	28.03	200	135
D D East Sheen (Cemetery) (+A)	TQ(51)193747	88	24.5	16.80	125	98	28.13	190	135
D D KEW OBSERVATORY (+A)	TQ(51)171757	18	23.9	17.12	124	96	27.91	195	131
D D Kew (Royal Botanic Gardens)	TQ(51)187774	18	24.2	17.90	126	95	27.96	190	142
D D Barnes (Barn Elms)	TQ(51)230775	16	24.4	17.50	127	95	28.62	189	140
6.—THAMES. Wey. 236 sq. mi.									
D D Shottermill (Sewage Works) .. (+A)	SU(41)879325	383	35.2	36.05	151	117	48.77	221	167
d d Churt (Firdown)	SU(41)859376	490	...	34.48	...	...	44.60	198	163
D D Cranleigh (Lambwood)	TQ(51)076397	290	32.1	29.23	153	114	41.76	227	181
D D Cranleigh (Sewage Works) .. (+A)	TQ(51)043394	154	30.0	27.86	142	107	38.06	216	156
d d Hascombe (Olivers)	TQ(51)005395	361	32.9	30.25	...	...	39.60	181	152
D D Hascombe (Winkworth Hanger)	SU(41)995404	430	31.5	30.59	143	105	40.62	206	163
d d Whitley (King George V Sanatorium)	SU(41)975402	305	31.6	29.15	...	105	39.40	180	151
d d Milford (Kennel Moor)	SU(41)935421	180	30.1	29.00	148	102	38.68	223	155
D D Elstead	SU(41)921426	170	...	28.95	140	101	39.15	218	162
D D Godalming (Munstead Rough)	SU(41)990426	460	...	29.06	154	109	39.39	211	159
D D Godalming (Borough Road P.S.)	SU(41)967444	120	29.5	27.58	135	103	36.11	208	161

§ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SURREY—(contd.)											
				ft.	in.	in.			in.		
6.—THAMES. Wey—(contd.)											
		Farnham (Boundstone)	SU(41)835441	370	...	...	...	...	38.48	207	167
d d		Farnham (Little Park)	SU(41)851455	400	...	29.57	...	103	38.19	215	167
d d		Holmbury St. Mary (Bulmer Farm) ..	TQ(51)113441	500	35.1	30.59	140	112	44.70	207	172
d d		Peaslake (Heathfold)	TQ(51)087442	450	34.6	30.02	155	115	42.13	224	172
d		Chilworth (Brook's Wood)	TQ(51)024470	175	...	28.69	152	107	...	...	...
d d		Gomshall (Netley Mill P.S.)	TQ(51)079479	250	...	29.20	150	110	39.96	224	166
d d		Share (Coombe End)	TQ(51)068481	294	30.6	28.29	131	106	39.18	207	165
d d		Shalford (Unstead Sewage Works) ..	SU(41)995454	120	28.4	26.25	128	100	34.65	199	155
d d		Farnham (Wrecclesham)	SU(41)829445	360	28.9	29.64	...	...	38.59	218	168
d d		Farnham (Sewage Works)	SU(41)855480	245	30.7	30.21	160	111	42.25	243	171
d d		Seale (Binton Cottage)	SU(41)881472	310	30.5	26.40	117	101	37.85	195	170
d d		Seale (Greensand)	SU(41)900479	300	...	28.20	(124)	(110)	39.98	203	170
d d		Farnham (Broomleaf Road)	SU(41)852470	250	29.2	29.00	144	110	38.72	...	...
d		Puttenham (Berthorpe)	SU(41)944473	350	...	...	...	...	38.36	...	...
d d		Farnham (Bells Piece)	SU(41)848479	275	29.5	29.64	...	109	40.98	185	165
d		Guildford (Pilgrims' Way)	SU(41)999483	100	...	26.51	128	98	...	...	...
d d		Guildford (Onslow Village)	SU(41)972489	350	29.0	27.37	146	107	35.61	227	170
d		Guildford (Avonmore Avenue)	TQ(51)008506	184	28.0	...	...	...	35.95	200	156
d d		Guildford (Boxgrove School)	TQ(51)013506	200	...	26.43	145	104	34.14	205	159
d d		Guildford (Joseph's Road)	SU(41)995510	98	...	25.95	131	105	34.23	191	152
d d		Guildford (Woking Road) .. (+ A)	TQ(51)000515	98	...	25.56	136	103	33.52	188	155
d d		West Clandon	TQ(51)047506	321	29.4	28.82	148	109	37.29	218	159
d d		East Clandon (Old Manor Farm) ..	TQ(51)059517	300	...	28.03	...	...	38.11	214	164
		East Morsley (Ethandown)	TQ(51)092533	280	29.8	26.34	...	...	35.48	...	...
d d		Pirbright (Bakersgate)	SU(41)951544	120	27.1	22.71	129	100	33.99	195	154
d		Pirbright (Research Institute)	SU(41)952542	120	...	...	...	...	32.95	202	154
d d		Old Woking (The Gresham Press) ..	TQ(51)014563	50	26.2	23.10	...	...	33.34	(207)	(155)
d d		Ripley (Newark Road)	TQ(51)048567	80	...	22.53	135	100	32.27	193	149
d d		Woking (The Grange)	TQ(51)022570	81	27.8	24.73	148	105	35.00	214	155
d d		Old Woking (Sewage Works)	TQ(51)027573	76	25.4	22.41	123	96	32.44	200	149
d d		Woking (Council Offices) .. (+ A)	TQ(51)002579	132	27.2	21.09	128	99	31.24	201	155
d d		Woking (Percy Street)	TQ(51)003588	100	26.1	21.37	...	...	31.09	(205)	(151)
d d		Woking (Goldsworth Road Depot) ..	SU(41)998587	96	27.3	23.15	...	...	33.03	(203)	(157)
d d		Byfleet (WISLEY R.H.S. Gardens) ..	TQ(51)063583	150	26.0	24.16	140	104	32.37	225	158
d d		Wisley (Outfall Works)	TQ(51)061599	53	...	22.89	126	100	32.33	194	152
d d		West Byfleet (Scotland Bridge) ..	TQ(51)047616	57	26.0	22.46	...	...	31.39	...	...
d d		Addlestone	TQ(51)061642	46	...	22.27	132	98	31.19	203	151
d		Weybridge (Oil Mills)	TQ(51)073655	36	24.2	...	...	...	30.38	...	...
d d		Weybridge (Thames Street)	TQ(51)076657	50	...	21.67	140	106	31.25	214	150
d d		Walton-on-Thames (Waterworks) ..	TQ(51)084662	33	23.8	20.34	120	100	30.00	...	145
7.—THAMES. Bourne. 55 sq. mi.											
d d		West Byfleet (N. Zealand Golf Club) ..	TQ(51)030612	100	26.0	21.72	136	101	30.46	214	152
d d		Bagshot	SU(41)907626	270	28.4	24.79	...	...	34.50	...	...
d d		Weybridge (St. George's College) ..	TQ(51)060653	46	...	22.41	129	103	30.60	188	140
d d		Cherstone (Long Cross)	TQ(51)000656	150	25.6	(20.97)	...	...	31.97	181	156
d d		Chertsey	TQ(51)049662	42	...	21.14	120	90	30.07	195	153
d d		Chertsey (Abbey Meads)	TQ(51)046677	53	23.6	21.35	126	82	30.87	190	150
d d		Chertsey (Lyne Farm S.W.) .. (+ A)	TQ(51)016677	93	24.2	20.11	129	100	29.59	201	142
d d		Egham (Waterworks)	TQ(51)020715	54	25.9	20.95	124	100	29.81	182	143
8.—THAMES. Loddon. 17 sq. mi.											
d d		Frimley (Pumping Station)	SU(41)887563	213	27.9	24.34	133	98	36.50	203	155
d d		Camberley (Sewage Works) .. (+ A)	SU(41)863597	198	27.0	22.98	136	111	33.25	211	148
d		Camberley (Woodlands Road)	SU(41)867600	216	...	24.20	139	109	...	...	...

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
KENT. (Area, 1,532 sq. mi.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—ROTHER & c. 217 sq. mi.									
D D DUNGENESS Lighthouse	TR(61)094169	10	25·1	24·21	127	97	38·62	199	151
D D Lydd (Denge Pumping Station) ..	TR(61)068201	14	...	24·52	123	98	40·75	191	146
D D Stone (Huggetts Farm)	TQ(51)939272	140	28·8	26·69	151	112	39·51	218	158
D D Dymchurch (New Hall) (+ A)	TR(61)102296	7	25·5	26·69	131	107	36·24	198	153
D D Sandhurst (Field Green)	TQ(51)786295	199	29·6	25·30	130	105	38·64	186	138
D D Hythe	TR(61)163345	9	28·1	28·27	142	110	36·69	199	159
d D Hythe (Sandling Park)	TR(61)142368	260	30·6	32·37	129	114	41·25	183	158
D D Bonnington Rectory	TR(61)053351	45	25·9	25·06	139	103	38·99	202	151
D D Tenterden (St. Michaels)	TQ(51)890350	180	...	25·68	133	109	39·50	200	145
D D FOLKESTONE (The Leas) (+ A)	TR(61)227358	128	26·4	27·42	134	107	37·77	193	152
D D Folkestone (Cherry Gardens) ..	TR(61)211381	230	30·7	30·06	134	108	40·44	189	165
D D \$DOVER (Waterloo Crescent) ..	TR(61)320410	19	28·8	30·49	134	99	43·82	197	163
D D Dover (Waterworks)	TR(61)322420	199	30·5	29·69	125	105	42·44	...	158
D D Dover (Buckland)	TR(61)306426	50	33·5	32·44	127	110	44·71	187	155
D D \$DOVER (ROYAL MILITARY SCHOOL) ..	TR(61)327439	402	33·4	31·75	135	105	48·35	207	164
2.—STOUR & c. 386 sq. mi.									
D d Mersham	TR(61)054400	230	...	29·50	127	104	39·32	...	...
D D Lyminge (Skeete Pumping Station) ..	TR(61)144409	445	32·7	37·19	130	115	45·20	196	165
D Elham (Ottinge)	TR(61)168422	300	34·1	35·85	134	118	...	...	...
D D Ashford (Magazine Road)	TR(61)008433	125	28·5	27·38	141	115	38·20	206	149
d d Ashford	TR(61)013430	190	29·9	28·21	...	112	38·12	187	150
D D Ashford (Albert Road)	TR(61)009430	185	29·2	28·03	143	114	39·73	212	152
D D Ashford (Belmore)	TR(61)007433	200	28·7	27·20	136	110	37·98	200	150
D D Hastingleigh (Elmsted)	TR(61)113439	567	...	33·63	172	119	45·50	228	172
D D Dover (Martin Mill Pumping Station) ..	TR(61)337471	287	31·2	33·41	133	108	48·00	210	168
D Stelling Minnis (Leigh Barton) ..	TR(61)132469	483	...	...	...	...	44·77	172	147
D D WYE (S.E. Agricultural College) ..	TR(61)057469	185	30·4	26·36	143	114	39·22	199	161
D D Waldershare Park Gardens	TR(61)291481	280	32·8	35·43	136	114	45·36	214	158
D Charing (Egerton)	TQ(51)909483	310	...	...	...	...	37·03	204	145
D Charing (Pett Place)	TQ(51)961491	300	30·9	...	...	...	40·02	186	140
D D Deal & Walmer Waterworks	TR(61)363508	111	28·3	26·62	139	106	38·83	200	158
D Barham (Old House)	TR(61)208501	175	...	30·97	137	112	(38·50)	...	...
D D Barham (Pumping Station)	TR(61)196509	173	30·3	30·12	142	115	39·02	196	154
d d Nonington (Red Tiles)	TR(61)261521	140	28·3	29·65	...	...	38·91	193	150
d d DEAL (Coastguard)	TR(61)377536	18	...	26·70	125	98	39·29	194	150
d Godmersham (Pumping Station) ..	TR(61)073516	83	...	...	...	...	41·10	188	151
d Lenham (Quarry)	TQ(51)915524	554	...	...	...	...	42·49	...	...
D D Wingham (Margate Waterworks) ..	TR(61)244553	137	28·1	28·04	138	113	37·01	186	141
d d Chartham (Old Mill)	TR(61)097553	60	28·0	25·76	119	101	39·00	167	145
D D Sandwich (Jacobs Churchyard) ..	TR(61)328583	12	24·6	25·05	123	99	36·31	185	149
D D Canterbury (London Road)	TR(61)141583	66	26·5	24·97	142	109	38·11	193	151
D D Ash (Nash Farm)	TR(61)268590	60	...	25·78	130	107	34·39	180	137
D D Canterbury (Sewage Works) (+ A)	TR(61)166596	15	27·1	25·71	145	104	35·79	191	141
D D Ash (Corking Farm)	TR(61)277599	50	22·7	25·88	132	101	33·97	176	148
D D ELMSTONE (COURT FARM)	TR(61)256604	28	...	23·95	135	101	33·55	190	137
D D Look and Cuckoo Marshes	TR(61)242607	50	...	24·82	123	108	34·89	180	148
D D RAMSGATE (East Cliff)	TR(61)385648	80	23·2	24·64	128	95	31·89	185	140
D MANSTON Airfield (+ A)	TR(61)335666	154	...	...	...	...	30·59	174	128
d d Broadstairs (Stone House)	TR(61)396690	100	22·4	29·21	...	...	31·68	...	...
D D Broadstairs	TR(61)391681	130	23·1	29·79	138	104	32·85	197	148
D D MARGATE	TR(61)368714	51	21·3	23·46	122	94	30·26	183	137

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
KENT—(contd.)											
3.—SWALE & c. 167 sq. mi.				ft.	in.	in.			in.		
D D	THROWLEY (Newlands Farm)	TQ(51)983518	493	31·3	27·48	136	115	43·46	210	160	
d D	Sittingbourne (Kippen)	TQ(51)898572	497	30·4	26·41	...	113	40·32	178	152	
D D	Newnham (Pumping Station)	TQ(51)975597	107	26·3	25·50	142	107	36·25	191	145	
D D	Faversham (Waterworks)	TR(61)013595	132	...	...	...	...	33·29	205	139
D D	FAVERSHAM (Brogdale Farm)	TR(61)007593	157	...	24·66	132	106	34·67	184	137	
d D	Ospringe (Lorenden)	TQ(51)993592	175	26·3	27·39	...	115	36·03	185	152	
D D	Sittingbourne (Highsted Waterworks) ..	TQ(51)910607	138	27·1	24·45	146	109	34·63	198	143	
D D	SITTINGBOURNE	TQ(51)891613	225	27·6	24·92	134	110	34·57	177	143	
D D	Faversham (Sewage Disposal Works) ..	TR(61)023617	22	25·0	24·16	148	102	35·19	205	144	
D D	Whitstable (Green Lees)	TR(61)108633	125	25·6	23·55	155	114	38·63	217	161	
D D	Milton Regis (Sewage Works)	TQ(51)912648	8	22·5	20·10	139	105	28·60	199	136	
D	WHITSTABLE (Westmeads Rec. Ground)	TR(61)112665	9	21·6	20·96	119	97	...	...	...
d D	Herne Bay (Waterworks)	TR(61)186679	125	22·4	22·35	107	98	31·37	168	131	
D D	HERNE BAY (St. Anne's Home)	TR(61)171681	21	22·7	20·90	125	101	30·86	179	138	
D D	Eastchurch (Barnland)	TR(61)012721	180	20·5	18·24	116	96	28·66	165	131	
4.—MEDWAY. 506 sq. mi.											
D D	Goudhurst (Pumping Station)	TQ(51)711368	285	...	29·65	137	107	43·41	208	161	
D D	GOUDHURST (Bedgebury Forest)	TQ(51)722333	280	32·8	31·78	146	112	48·21	217	169	
D D	Goudhurst (Bedgebury Park Gardens)	TQ(51)717341	280	33·1	31·43	162	114	48·61	237	176	
d	Cranbrook (S.W.)	TQ(51)784361	226	...	...	...	...	44·27	...	...
D D	Biddenden (Little Whatmans)	TQ(51)850362	200	28·0	25·05	137	114	41·55	...	...
D D	Lamberhurst (Bayham Abbey)	TQ(51)640371	340	...	29·63	147	110	45·71	226	169	
d d	High Halden (Halden House)	TQ(51)890371	170	27·3	24·77	...	...	38·98	...	...
D	Bethersden (Primary School)	TQ(51)925402	112	...	...	...	...	37·03	205	133
D D	TUNBRIDGE WELLS (Calverley Park)	TQ(51)588392	351	30·3	28·75	140	112	42·66	214	164	
D D	Tunbridge Wells (Madeira Park)	TQ(51)584386	295	...	28·61	145	105	43·56	219	171	
D	Staplehurst (Iden Manor)	TQ(51)787418	123	...	...	...	...	39·56	182	143
D D	Pembury (Waterworks)	TQ(51)627421	196	29·2	24·78	136	104	38·53	199	152	
D D	Penshurst (Saints Hill)	TQ(51)523415	124	...	23·66	149	103	39·82	219	163	
D D	Southborough (Great Bounds Res.) ..	TQ(51)573436	478	29·4	26·75	152	109	40·32	214	167	
D D	Edenbridge (Falconhurst)	TQ(51)470427	375	32·2	27·32	132	105	43·90	210	165	
d	Mark Beech (Horseshoe Green)	TQ(51)479424	485	...	...	...	...	39·64	...	...
D D	Edenbridge (Stonewall Park)	TQ(51)502424	341	30·6	25·41	132	104	41·32	199	160	
D	Edenbridge (Pumping Station)	TQ(51)452468	130	...	...	...	...	38·45	220	159
D D	Penshurst Place	TQ(51)538440	120	28·9	24·67	134	106	39·56	207	167	
D	Headcorn (Sewage Works)	TQ(51)830442	66	...	...	...	...	35·88	193	140
D	Paddock Wood (Sewage Works)	TQ(51)677453	50	...	...	...	...	35·87	189	149
D D	Headcorn (Great Tong)	TQ(51)831465	110	25·7	21·89	137	98	35·37	190	142	
w	Marden (Stile Bridge)	TQ(51)759475	58	...	...	...	...	34·80	...	...
d D	Hildenborough (Gables)	TQ(51)572488	159	28·3	24·60	...	...	36·89	190	146
d	Hadlow (Sewage Works)	TQ(51)631491	77	...	...	...	...	37·08	198	151
D	Yalding (Anchor Sluices)	TQ(51)690497	38	...	...	...	...	32·54	186	148
D D	Lenham (Lenham Court)	TQ(51)884519	354	30·3	25·95	149	122	43·18	221	154	
d d	Langley (Rumwood Beta)	TQ(51)800521	354	28·1	24·01	...	...	40·41	...	...
D D	Lenham	TQ(51)883529	400	30·2	25·83	139	119	41·80	202	149	
D D	East Farleigh Lock	TQ(51)736535	30	...	21·26	146	107	37·06	207	149	
D D	Maidstone W.W. (Barming)	TQ(51)735548	247	26·3	21·87	143	114	37·49	192	152	
d d	Maidstone (College Road)	TQ(51)758550	50	26·2	21·66	...	...	37·48	...	...
D D	Maidstone (Mill Street)	TQ(51)761555	37	26·7	20·99	155	112	36·44	195	149	
D D	Bearstead (Thurnham P.S.)	TQ(51)816559	226	29·2	23·41	147	116	38·24	195	153	
D D	Maidstone (Brenchley Gardens)	TQ(51)759561	49	26·7	20·95	143	111	37·75	190	151	
D	WEST MALLING Airfield. (+ A)	TQ(51)678556	304	26·8	22·02	149	109	...	...	...
D D	EAST MALLING (Research Station) ..	TQ(51)711568	122	26·9	21·42	153	110	35·95	212	157	

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
KENT—(contd.)			ft.	in.	in.			in.		
4.—MEDWAY—(contd.)										
D D	Maidstone W.W. (Hockers Lane P.S.)	TQ(51)788571	212	...	23.29	143	116	37.96	194	153
D D	Maidstone (Allington Lock)	TQ(51)746582	20	...	20.93	137	112	34.65	188	150
d	Borough Green (P.S.)	TQ(51)611573	278	...	...	...	...	37.23	...	...
D D	Aylesford (Forstal P. Station)	TQ(51)739587	20	25.7	20.01	139	101	34.39	188	149
D D	Trottiscliffe (Pumping Station)	TQ(51)640595	250	28.5	24.18	132	111	38.26	200	161
D D	Maidstone W.W. (Boxley)	TQ(51)774594	319	27.2	22.26	145	115	37.19	197	153
D D	Hartlip (Matts Hill Pumping Station) ..	TQ(51)820625	225	28.6	25.07	136	112	39.58	182	154
D D	Chatham (Woolmans Wood)	TQ(51)746635	470	27.0	22.81	140	106	37.33	200	155
D D	Halling (Pumping Station)	TQ(51)701643	75	25.7	23.63	128	108	35.81	179	154
D D	Chatham (Nashenden P.S.)	TQ(51)734655	125	26.6	21.16	130	100	35.32	188	148
D D	Chatham (Luton P.S.)	TQ(51)775663	88	...	18.66	131	104	36.02	193	149
D	Luddesdown Reservoir	TQ(51)662661	230	...	...	...	...	36.29	188	148
D d	Chatham (Royal Naval Hospital) ..	TQ(51)771675	223	24.5	21.19	139	106	33.41	183	135
D D	Cuxton (Pumping Station)	TQ(51)689669	87	26.0	23.30	147	107	35.87	209	153
D D	Rainham (Motney Hill)	TQ(51)829684	29	22.7	20.33	132	105	30.55	187	135
D D	†GILLINGHAM (+ A)	TQ(51)785692	10	...	20.19	138	100	31.01	184	131
D D	Strood (Waterworks) (+ A)	TQ(51)729693	112	24.3	20.17	131	100	32.38	187	141
D D	Shorne Reservoir	TQ(51)703707	357	...	20.31	136	99	30.74	171	136
D D	Frindsbury (Shornells)	TQ(51)745711	50	24.3	19.58	134	93	30.89	181	132
D D	Wainscott (Maycroft)	TQ(51)743720	60	...	19.89	139	103	31.29	197	141
d d	Hoo (Lodge Hill)	TQ(51)757734	150	22.8	18.22	...	...	29.21	...	...
D D	ISLE OF GRAIN	TQ(51)871749	8	...	15.81	129	92	26.76	172	121
5.—THAMES.										
Darent & c. 256 sq. mi.										
d d	§Westerham Town	TQ(51)446536	380	32.4	24.25	...	...	39.73	...	...
d d	§Westerham Hill (Pumping Station) ..	TQ(51)439558	539	34.0	25.65	...	116	42.17	...	176
D D	Sundridge (Pumping Station)	TQ(51)489556	270	29.9	24.01	141	106	39.04	213	169
ww	Sevenoaks (Bayleys Hill Res.)	TQ(51)519521	696	31.7	22.85	...	...	38.69	...	...
d d	Sevenoaks (Oak Lane)	TQ(51)528542	428	32.3	25.70	...	...	40.20	...	...
d d	§Tatsfield (Betsom's Hill)	TQ(51)430563	820	34.6	25.41	...	...	40.83	...	...
D D	Stone Street	TQ(51)572549	530	...	27.63	179	116	44.27	240	178
ww	Seal (Oak Bank Reservoir)	TQ(51)564561	548	30.3	25.17	...	...	40.19	...	...
D D	Sevenoaks (Cramptons Road P.S.) ..	TQ(51)530570	222	29.3	23.75	135	100	37.41	208	161
D D	Seal (Kemsing Pumping Station)	TQ(51)569576	293	29.6	25.08	142	104	39.89	202	170
D D	Sevenoaks (Chevening Gardens)	TQ(51)486578	350	32.6	24.25	130	104	40.31	212	166
	§Knockholt (Kent Waterworks)	TQ(51)466583	785	35.1	27.75	...	...	43.31	...	...
D D	Wrotham (Fairseat Manor)	TQ(51)621614	700	31.4	24.91	137	112	41.90	222	172
D D	Downe (Down House)	TQ(51)430612	560	32.8	28.07	128	114	39.86	196	159
D D	Keston (Keston Court Farm)	TQ(51)415630	349	29.6	24.92	131	108	36.36	194	146
D D	Shoreham (Highfield)	TQ(51)541605	650	30.3	23.46	140	104	36.14	201	161
D D	West Wickham (Pumping Station) ..	TQ(51)379646	240	27.1	21.08	131	111	35.24	203	151
D D	Keston (Westerham Road)	TQ(51)419646	390	...	22.96	138	105	36.19	206	145
d d	Eynsford (Pumping Station)	TQ(51)535655	131	26.4	21.85	...	97	33.21	...	149
ww	Farningham (Dunbrae)	TQ(51)542668	230	26.7	21.25	...	...	33.79	...	...
D D	Orpington (Kent Waterworks)	TQ(51)459652	220	27.8	22.97	136	107	36.93	207	156
D D	Chelsfield	TQ(51)470632	550	...	24.57	137	106	...	...	...
D D	Longfield (Hartley)	TQ(51)617665	270	26.5	21.51	136	107	35.79	200	156
d d	Crockenhill (Wested Farm)	TQ(51)517668	331	26.3	22.20	...	...	34.73	...	...
d d	West Wickham (Pickhurst Rise)	TQ(51)392664	250	...	20.56	130	107	33.81	209	148
D D	Cobham (Jeskyns Court)	TQ(51)660690	264	25.7	20.26	133	99	32.92	186	138
D D	Horton Kirby (Court Lodge)	TQ(51)561685	50	23.1	18.03	122	88	31.18	200	136

† New site.

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
KENT—(contd.)									
5.—THAMES. Darent & c.—(contd.)									
D D Meopham (Pumping Station)	TQ(51)636691	160	25·3	20·57	133	103	34·62	198	147
D D BROMLEY (+ A)	TQ(51)399693	213	25·1	19·23	135	106	32·59	197	136
D D Bromley (Bishops Avenue)	TQ(51)411690	190	...	18·76	136	106	33·02	212	142
D D Beckenham (Croydon Road) (+ A)	TQ(51)368689	110	24·9	18·81	137	101	32·36	201	145
D D Penge (Recreation Ground)	TQ(51)352703	130	25·7	19·51	143	109	31·69	193	143
d d Anerley (Oakfield Road)	TQ(51)348700	155	24·9	20·22	137	110	31·98	(218)	(146)
D D Beckenham (Foxgrove Rd.)	TQ(51)377700	140	...	20·55	135	102	30·82	188	133
d Chislehurst (Scadbury Park)	TQ(51)459700	240	24·5	20·84	132	105	...	...	...
D D SWANLEY (Horticultural Institute)	TQ(51)512701	177	...	19·09	135	96	30·93	199	137
D D Bromley (Henville Road)	TQ(51)409696	230	24·3	17·58	141	101	32·15	204	139
d d Southfleet (Hook Place Farm)	TQ(51)611705	100	...	17·57	...	...	31·41	...	...
d d Wilmington (Orchard Way)	TQ(51)536720	115	23·1	19·93	...	...	33·79	192	130
D D Wilmington (Kent Waterworks)	TQ(51)543728	25	23·0	19·05	127	95	31·83	188	138
D Gravesend (Sewage Disposal Works) ..	TQ(51)666739	12	...	...	...	...	29·96	190	136
D D Dartford (Christchurch Road)	TQ(51)532741	100	...	18·29	132	92	30·77	187	131
D D DARTFORD (Central Park) (+ A)	TQ(51)542736	17	22·0	17·35	118	88	29·52	185	134
d Stone (Stone House Hospital)	TQ(51)559743	115	22·2	...	...	...	31·92	...	130
D D Bexleyheath (Danson Park) (+ A)	TQ(51)472755	165	24·2	18·37	133	101	30·29	190	134
d d Dartford (Sewage Works)	TQ(51)553767	14	22·5	16·39	...	...	27·76	...	...
D D Erith (Sewage Works) (+ A)	TQ(51)523778	13	22·1	18·29	115	91	29·20	168	124
D D Erith (Crossness) (+ A)	TQ(51)485809	26	21·0	15·13	106	86	27·74	152	125
SUSSEX. (Area 1,458 sq. mi.)									
1.—LAVANT & c. 175 sq. mi.									
D D Selsey (Church Norton)	SZ(40)873955	5	...	25·84	148	104	43·88	222	153
D D BOGNOR REGIS (Waterloo Square)	SZ(40)934989	24	28·7	24·63	126	100	43·27	188	148
D Chichester (Birdham)	SU(41)824004	16	...	25·86	...	...	42·92	...	...
d d Bosham (Cobnor)	SU(41)792024	12	29·9	26·59	...	...	46·32	...	...
D D THORNEY ISLAND AIRFIELD (+ A)	SU(41)756027	10	26·8	27·20	129	97	44·28	194	155
D D Chidham (Chidmere)	SU(41)791036	14	28·1	26·75	126	96	44·54	200	155
D Barnham (Stantons)	SU(41)954048	35	...	...	...	...	47·03	203	159
D Chichester (West Street)	SU(41)858049	40	29·7	27·72	123	103	...	...	...
D D Chichester (County Hall)	SU(41)857050	40	...	26·74	128	104	45·50	196	156
D D TANGMERE Airfield (+ A)	SU(41)911064	52	28·4	26·39	131	99	45·14	200	155
D D Arundel (West Walberton)	SU(41)960064	65	30·9	28·68	130	107	48·43	199	166
D D Chichester (Funtington P. Station)	SU(41)811081	112	31·4	30·30	135	104	48·47	207	167
D D Emsworth (Stansted Park)	SU(41)760101	160	...	33·17	140	106	49·63	210	174
d d West Dean Park	SU(41)864127	190	37·6	34·69	...	113	52·56	...	...
d Chilgrove House (Lawn)	SU(41)834144	265	36·5	...	...	...	52·59	...	...
d Compton (Compton House)	SU(41)773150	263	37·9	37·08	...	99	...	...	...
2.—ARUN. 285 sq. mi.									
D D LITTLEHAMPTON (Met. Station)	TQ(51)033018	15	28·2	25·07	129	102	45·00	185	158
D D Littlehampton (Court Wick)	TQ(51)025035	15	...	22·34	137	104	42·66	196	152
D D Patching (Pumping Station)	TQ(51)092074	118	32·9	28·36	141	106	49·23	206	154
D D Arundel Castle	TQ(51)015072	106	31·5	26·95	146	103	46·92	217	163
D D South Harting (Rose Croft)	SU(41)787198	230	38·5	39·45	131	111	53·56	195	169
w Bignor	SU(41)984144	135	38·5	34·37	...	...	55·62	...	...
D D Pulborough (Parham)	TQ(51)060143	98	34·3	30·01	141	111	48·53	212	162
D D Sutton (Hurst Cottage)	SU(41)979151	190	36·9	32·66	149	110	56·36	212	175
d d Pulborough (Bignor Park)	SU(41)990155	140	38·2	34·18	130	113	54·50	...	178

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SUSSEX—(contd.)										
2.—ARUN—(contd.)										
D D	Petworth (Barlavington Farm)	SU(41)971161	175	38.5	32.48	129	107	53.02	200	166
D D	West Chiltington (Pumping Station) ..	TQ(51)093171	100	...	32.29	150	107	49.35	214	172
D D	Thakenham (High Bar)	TQ(51)100168	125	...	29.97	130	105	48.07	218	169
D D	§Hardham (Pumping Station) .. (+ A)	TQ(51)033176	30	35.8	32.13	138	103	48.43	215	163
D D	Byworth (Edgehill)	SU(41)986202	100	35.5	33.52	140	109	49.87	209	169
D D	Midhurst (June Lane)	SU(41)885216	135	34.1	33.97	146	110	49.45	212	171
D D	Petworth Park Gardens	SU(41)975217	250	34.7	32.56	124	107	50.32	199	162
D D	Rogate Vicarage	SU(41)811240	210	...	33.30	148	113	46.83	217	177
D D	Rogate (Fyning)	SU(41)812242	230	33.7	34.34	144	115	47.74	214	179
D D	FERNHURST (Research Station)	SU(41)906274	229	34.9	32.31	135	116	48.21	209	175
D D	Kirdford (Hills Green)	SU(41)998272	150	29.2	26.79	128	101	41.69	196	153
D d	Horsham (Pondtail Depot)	TQ(51)167304	150	30.5	28.44	135	105	40.61	...	...
D D	Horsham (Sewage Disposal Works) ..	TQ(51)160302	120	29.5	26.81	147	102	38.84	209	159
D	Horsham (Rushams Road)									
D D	Horsham (North Parade)	TQ(51)109312	140	30.8	28.20	135	104	...	...	...
D D	Rudgwick (Swaynes)	TQ(51)172317	166	30.3	28.27	141	111	41.58	192	150
D D	Rusper (The Nunnery)	TQ(51)092330	121	...	26.47	153	117	40.60	220	179
D D		TQ(51)191364	260	32.5	28.98	145	111	39.47	212	166
3.—ADUR & c. 237 sq. mi.										
D D	Worthing (Ferring)	TQ(51)092018	26	28.8	25.63	143	107	44.31	218	148
D D	WORTHING (Beach House Park) (+ A)	TQ(51)153029	25	27.5	23.47	128	98	41.43	196	141
D d	Goring-by-Sea (Highdown Tower) ..	TQ(51)093041	100	...	22.79	114	90	43.28	...	...
D D	Brighton (Ovingdean)	TQ(51)360033	161	29.5	26.23	133	104	45.42	204	153
D D	BRIGHTON (Old Steyne)	TQ(51)313054	32	27.1	23.43	129	94	43.21	184	148
D	Southwick (Watling Road)	TQ(51)242052	25	...	26.93	141	101	...	...	...
D D	Brighton W.W. (Goldstone Bot.) (+ A)	TQ(51)285065	175	...	27.59	135	105	46.97	198	156
D D	Brighton W.W. (Lewes Road)	TQ(51)319060	139	...	28.12	135	105	48.82	206	157
D D	Brighton W.W. (Shoreham)	TQ(51)210068	9	31.4	27.50	146	109	46.61	209	163
D D	Brighton W.W. (Mile Oak)	TQ(51)243079	166	31.5	28.21	140	103	48.41	208	158
D D	Brighton W.W. (Race Hill Res.) ..	TQ(51)335057	456	34.1	29.49	140	114	52.48	211	164
D D	§Brighton W.W. (Balsdean Reservoir) ..	TQ(51)374045	399	32.2	28.29	143	106	47.10	199	155
D D	Brighton W.W. (Balsdean P.S.)	TQ(51)378046	188	31.5	28.51	143	105	47.21	199	157
D D	Brighton W.W. (Falmer)	TQ(51)342084	200	36.2	30.43	142	110	53.55	201	167
D D	Findon (North End)	TQ(51)118097	211	36.1	32.09	136	110	53.26	195	165
D D	Upper Beeding (Sele Gardens)	TQ(51)203092	16	...	30.57	140	110	51.34	220	164
D D	Brighton W.W. (Patcham)	TQ(51)294091	205	31.2	28.66	141	101	48.48	204	165
d d	†Steyning (High Street)	TQ(51)175113	62	...	31.22	...	...	50.40	...	...
D D	Washington	TQ(51)118135	75	34.3	32.51	148	111	52.48	215	166
D D	Poynings (Saddlescombe Pumping Station)	TQ(51)272112	528	...	31.75	126	103	52.92	205	161
D D	Streak Hill Farm	TQ(51)351126	650	...	33.16	140	116	56.53	206	165
D D	Hassocks (Newtimber Place)	TQ(51)269138	157	33.5	28.82	135	101	48.11	199	159
D D	Westmeston (Coombe Down Pumping Station)	TQ(51)317133	380	...	33.27	126	102	56.92	206	165
D D	Clayton Pumping Station	TQ(51)305137	260	...	33.67	137	109	55.44	217	172
D D	Hurstpierpoint (Brundall)	TQ(51)280166	140	31.8	28.37	131	100	46.25	197	151
D	Hurstpierpoint College	TQ(51)289176	100	...	28.96	133	104	...	...	...
D D	Partridge Green (Shurmanbury Grange)	TQ(51)203192	39	29.1	29.67	146	106	44.77	219	158
D	Burgess Hill	TQ(51)310194	155	...	...	...	...	46.44	224	172
D D	West Grinstead (Knepp Castle Gardens)	TQ(51)155218	50	31.4	28.82	135	99	45.93	199	159

† Gauge moved to TQ(51)196102, alt. 20 ft., on 1.6.60.

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SUSSEX—(contd.)											
4.—OUSE. 224 sq. mi.											
D D	Seaford (Newlands)	TV(50)496996	150	29·3	28·10	131	102	43·62	197	157	
D D	Newhaven (Poverty Bottom W.W.) ..	TQ(51)466022	48	30·6	30·53	158	104	42·33	209	164	
D D	Lewes W.W. (Kingston)	TQ(51)407092	12	36·3	30·59	141	105	49·02	193	157	
D D	Lewes (The Avenue)	TQ(51)408103	130	33·5	29·69	142	106	49·98	208	164	
D D	Barcombe Mills	TQ(51)432148	20	33·1	28·94	132	114	45·20	196	166	
D D	Newick (Allington Crescent)	TQ(51)412209	150	...	26·64	135	101	44·63	199	161	
d d	North Chailey	TQ(51)372212	250	...	26·56	...	...	45·03	...	...
d	Uckfield (County School)	TQ(51)478214	157	...	25·73	...	...	...	...	...
D D	Haywards Heath (Paddockhall Rd.) ..	TQ(51)326241	260	...	29·30	139	103	44·91	211	172	
D D	Horsted Keynes (Holy Well P.S.) ..	TQ(51)369276	124	...	27·40	154	103	43·37	239	175	
D D	Ardingly (Shell Brook W.W.)	TQ(51)334284	127	...	27·84	140	103	42·71	214	172	
D	§Poundgate (Camp Hill)	TQ(51)473289	632	...	...	...	...	48·85	215	176
D D	Horsted Keynes (Cinder Hill)	TQ(51)379297	300	...	28·06	143	100	43·42	222	175	
D D	Balcombe (Lullings)	TQ(51)328303	348	...	31·28	146	109	47·28	237	182	
D D	Balcombe (Waterworks)	TQ(51)290312	467	34·8	28·84	155	112	47·17	218	174	
D D	Balcombe (Highley Manor)	TQ(51)300318	420	...	30·17	155	111	49·12	224	177	
5.—CUCKMERE & c. 189 sq. mi.											
D D	EASTBOURNE (Wilmington Square) ..	TV(50)611980	20	30·8	30·62	137	104	46·40	201	162	
D D	EASTBOURNE (COASTGUARD Station) ..	TV(50)622999	17	30·8	29·32	127	101	45·05	186	155	
D	Eastbourne (Summerdown Road) ..	TV(50)596990	122	31·5	31·09	135	105	...	...	...
D D	Eastbourne (Churchdale Road) ..	TQ(51)619005	25	...	28·74	125	104	42·61	185	155	
D D	Friston (Water Tower)	TV(50)553984	389	32·1	30·49	142	106	49·37	204	174	
D D	Friston	TV(50)545986	104	31·6	30·63	145	107	48·71	203	167	
D D	Jevington	TQ(51)563013	274	33·0	32·58	139	107	50·29	203	170	
D D	Litlington	TQ(51)523018	19	32·0	30·52	130	108	44·49	203	168	
D D	Pevensey Bay	TQ(51)661043	17	...	29·62	130	106	43·10	202	160	
D D	Pevensey (Pumping Station)	TQ(51)649047	12	29·0	30·39	128	108	42·68	199	156	
D D	Pevensey Bay (Pumping Station) ..	TQ(51)668047	7	29·1	26·12	119	104	41·02	197	154	
d D	Polegate (Sewage Works)	TQ(51)592047	26	33·9	30·71	...	99	47·63	205	167	
D	HANKHAM	TQ(51)621056	68	...	30·55	142	107	...	...	...
D D	Bexhill (Pebsham Lane)	TQ(51)758088	40	28·8	26·09	122	100	41·32	199	161	
D D	BEXHILL (Egerton Park) (+ A)	TQ(51)737072	12	28·2	27·99	129	99	41·05	192	157	
D D	HASTINGS (White Rock) (+ A)	TQ(51)809094	149	28·5	26·84	134	108	41·36	199	150	
D D	St. Leonards (Filsham W.W.)	TQ(51)778093	37	28·7	28·23	127	107	42·40	199	156	
D D	Hellingly (Amberstone)	TQ(51)597113	29	30·3	29·13	129	107	42·58	192	157	
D D	Hellingly (Hospital)	TQ(51)597124	140	31·5	30·00	131	108	40·31	195	165	
D D	Hazards Green (Pumping Station) (+ A)	TQ(51)681123	74	27·5	25·88	132	97	38·61	202	149	
D D	Hastings (Newgate)	TQ(51)807102	243	29·1	28·57	128	103	42·17	195	156	
D D	Hastings (Halton Reservoir)	TQ(51)826104	294	29·9	29·10	133	98	41·72	198	157	
D D	St. Leonards (Ashbrooke Lodge) ..	TQ(51)796120	230	31·3	27·96	131	106	42·67	201	160	
D D	¶Hollington (Baldslow Reservoir) ..	TQ(51)796132	422	...	26·76	138	104	40·82	204	150	
D D	Battle (Catsfield Manor)	TQ(51)729133	230	...	29·00	141	105	55·52?	221	177	
D D	Cowbeech (Pumping Station)	TQ(51)611150	100	...	28·10	139	103	40·41	196	171	
d d	§Heathfield (Birchford Farm)	TQ(51)622198	358	...	29·11	...	...	49·51	199	173
D D	Heathfield (Cross-in-Hand)	TQ(51)564202	305	34·9	30·23	151	106	49·80	228	168	
6.—ROTHER. 194 sq. mi.											
D	Icklesham (Pickham Farm)	TQ(51)868148	87	...	...	...	...	44·73	201	157
d D	Icklesham	TQ(51)879165	150	30·0	30·48	115	98	42·83	169	145	
D D	Hastings (Fairlight Reservoir)	TQ(51)842121	515	...	29·63	140	105	41·50	197	155	

§ Turf wall around gauge.

¶ Gauge over-exposed.

§ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
SUSSEX—(contd.)				ft.	in.	in.			in.		
6.—ROTHER—(contd.)											
D D	Hastings (Fairlight, Machico)	.. ..	TQ(51)878122	100	29·2	29·13	125	103	41·69	186	153
D D	Brede (Pumping Station)	.. ..	TQ(51)814178	26	30·7	28·89	132	101	42·73	192	159
D D	SEDLESCOMBE Rectory	.. ..	TQ(51)776187	170	32·5	31·80	139	106	46·18	224	162
D D	Udimore (The Wick)	.. ..	TQ(51)886194	92	30·3	30·60	122	104	41·22	184	146
	Powder Mill Res. Dam	.. ..	TQ(51)799192	75	...	...	...	...	47·33	198	170
D D	Rye (Midrips)	.. ..	TQ(51)999185	15	...	27·10	125	101	41·10	192	105
d	Rye (Brede Sluice)	.. ..	TQ(51)919199	18	...	...	...	...	40·59	...	...
D d	Playden (Scots Float)	.. .. (+ A)	TQ(51)932226	14	29·2	30·63	142	106	40·83	204	157
D d	Brightling Park	.. ..	TQ(51)682209	545	36·4	33·63	140	111	49·11	...	...
D	Darwell Res.	.. ..	TQ(51)723212	122	...	...	...	...	46·46	184	161
D D	Brightling (Bleak House)	.. ..	TQ(51)683211	550	36·3	35·03	158	112	51·86	239	176
d D	Robertsbridge (Darvell Hall San.)	.. ..	TQ(51)729229	100	31·6	30·67	126	114	46·09	190	158
D	Robertsbridge (The Mill)	.. ..	TQ(51)737242	58	...	...	...	...	45·79	186	150
d d	Burwash (Burnt House Farm)	.. ..	TQ(51)656232	350	36·4	34·52	...	110	52·29	...	160
D D	Burwash (Bateman's)	.. ..	TQ(51)670238	120	35·3	33·77	134	114	50·09	221	168
D	Burwash (Dudwell Farm)	.. ..	TQ(51)676238	100	...	...	...	...	48·61	206	168
D D	Iden (Havencroft)	.. ..	TQ(51)920238	133	30·0	31·13	143	112	44·10	214	155
D D	Rye (Iden)	.. ..	TQ(51)917241	150	...	28·74	131	104	41·48	186	146
D D	Hawkhurst (BODIAM)	.. ..	TQ(51)785249	73	31·7	31·46	140	104	47·05	190	157
d D	Hurst Green (Bellhurst Farm)	.. ..	TQ(51)723285	275	31·6	27·92	...	105	44·44	206	162
D D	Northiam (Great Dixter)	.. ..	TQ(51)821251	209	30·3	27·51	139	110	42·24	207	156
D D	Burwash (Crowhurst Bridge)	.. ..	TQ(51)681264	97	30·9	29·36	142	107	43·98	203	156
d d	Mayfield (Cranesden)	.. ..	TQ(51)586262	345	33·3	29·42	127	94	50·15	...	...
D D	Wadhurst (Stonegate)	.. ..	TQ(51)652288	230	34·0	32·09	154	109	46·60	227	171
7.—MEDWAY. 117 sq. mi.											
D D	Rotherfield (Horsegrove Farm)	.. ..	TQ(51)556294	528	36·2	31·12	144	109	51·54	211	171
D D	Crowborough (Jarvis Brook)	.. ..	TQ(51)540297	325	37·0	32·46	136	112	52·06	206	167
	Wadhurst	.. ..	TQ(51)643320	440	...	32·65	...	...	48·09	...	...
D D	Tunbridge Wells (Cousley Wood)	.. ..	TQ(51)662337	415	30·4	28·34	152	120	41·11	218	180
ww	West Hoathly Railway Station	.. ..	TQ(51)371328	375	...	29·75	...	...	47·23	...	...
ww	Whillett's Bridge	.. ..	TQ(51)376344	250	...	29·76	...	...	46·22	...	...
d d	Forest Row (Rystcot)	.. ..	TQ(51)447342	200	35·3	30·15	...	115	45·26	225	182
D D	West Hoathly (Duckyls)	.. ..	TQ(51)352338	600	35·4	31·89	135	118	50·82	211	188
d d	East Grinstead (Standen)	.. ..	TQ(51)390355	450	31·8	25·46	...	...	40·22	...	...
D D	Weir Wood Reservoir	.. ..	TQ(51)406354	225	33·2	27·84	138	110	42·13	204	170
ww	Kingscote Nursery	.. ..	TQ(51)367358	300	...	30·52	...	...	48·28	...	...
D D	Frant (Henley Gardens)	.. ..	TQ(51)597342	440	34·1	29·47	152	113	48·51	215	162
D D	EAST GRINSTEAD (Coombe Hall School)	.. ..	TQ(51)387371	442	...	30·22	137	110	45·45	204	167
d d	Crawley Down (Sandhill)	.. ..	TQ(51)348372	400	...	27·72	...	...	51·89	...	...
' D	Tunbridge Wells (Southern S.W.)	.. ..	TQ(51)548378	208	...	...	...	...	44·35	194	165
D	Ashurstwood (S.W.)	.. ..	TQ(51)432382	250	...	...	...	...	46·00	206	165
D	Felbridge (P.S.)	.. ..	TQ(51)376393	321	...	...	...	...	47·79	200	177
8.—THAMES. Mole. 27 sq. mi.											
D D	Crawley (Broadfield)	.. ..	TQ(51)263345	300	33·7	28·82	142	112	45·53	211	170
ww	Turner's Hill	.. ..	TQ(51)335361	450	...	30·45	...	...	51·00	...	...
D D	Worth (Worth Bridge)	.. ..	TQ(51)307364	340	33·9	28·93	149	116	49·51	212	172
D D	Crawley (The Beeches)	.. ..	TQ(51)271362	220	32·1	28·52	134	114	45·86	203	169

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
HAMPSHIRE. (Area 1,627 sq. mi.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—ISLE OF WIGHT. 150 sq. mi.									
D D ST. CATHERINE'S POINT Lighthouse ..	SZ(40)506755	51	29·6	28·89	146	105	48·21	202	157
D VENTNOR (Castle Road)	SZ(40)557774	170	...	28·55	151	111	...	...	...
D D VENTNOR PARK	SZ(40)560774	443	32·4	30·96	147	117	53·40	213	169
D D Shanklin (Victoria Avenue) ..	SZ(40)581812	170	36·4	34·57	154	129	54·00	199	167
D D SHANKLIN	SZ(40)581808	180	35·5	33·58	143	112	53·95	209	164
D D Chillerton (Waterworks)	SZ(40)490844	135	33·9	32·67	159	118	52·96	222	162
D D SANDOWN (Sandham Gardens) ..	SZ(40)602844	13	30·4	29·84	136	105	45·03	199	155
D D Sandown (Pumping Station) ..	SZ(40)589849	20	32·8	31·08	142	112	46·47	198	154
D D Freshwater (Waterworks)	SZ(40)347858	10	30·0	27·78	146	110	47·71	194	153
D D Totland Bay (Hurst View)	SZ(40)323867	100	...	29·54	153	113	48·65	207	156
D D Freshwater (Pumping Station) ..	SZ(40)341871	10	29·6	28·21	137	116	47·53	197	152
D D Knighton (Waterworks)	SZ(40)567868	60	33·3	30·05	137	115	51·79	199	172
D D Carisbrooke (Waterworks)	SZ(40)487881	57	...	31·09	140	114	49·66	193	163
D D RYDE (Esplanade Gardens)	SZ(40)595929	15	29·9	29·44	145	111	47·20	205	160
D D §Cowes W.W. (Broadfields)	SZ(40)490952	160	32·3	27·85	145	111	48·34	205	169
D D Osborne	SZ(40)513947	180	...	31·04	152	122	49·89	208	170
2.—STOUR. 37 sq. mi.									
D D BOURNEMOUTH (Meyrick Park) .. (+ A)	SZ(40)071917	130	...	32·73	145	115	48·26	199	163
D D Bournemouth (Rothesay Road) ..	SZ(40)074923	135	31·0	34·35	146	124	49·62	207	158
D D Bournemouth (East Avenue)	SZ(40)077926	143	31·1	32·63	142	118	45·89	195	151
D D Christchurch (Air Compressor Station)	SZ(40)157924	5	28·6	27·77	130	111	43·33	190	146
d D CHRISTCHURCH	SZ(40)155937	9	...	30·69	125	113	45·89	184	149
M M Christchurch (Hurn Bridge)	SZ(40)126967	19	30·0	33·77	...	...	49·35	...	...
D HURN (Bournemouth Airport)	SZ(40)116978	33	30·5	33·67	141	115	...	...	...
3.—EAST AVON & c. 114 sq. mi.									
D Christchurch (Harrow Lodge)	SZ(40)197971	135	32·7	33·31	160	119	...	...	...
D D Ringwood (Bisterne)	SU(41)151006	43	33·3	35·74	142	123	49·72	197	157
D D Ringwood (Crow Hill)	SU(41)171043	150	...	32·77	151	123	48·13	206	168
D D RINGWOOD (Hightown)	SU(41)182056	250	33·4	34·21	156	124	48·38	213	162
D D Ringwood (Linwood)	SU(41)179095	130	35·1	34·16	153	121	50·99	218	166
D D Fordingbridge (Furze Hill)	SU(41)167112	150	33·6	35·26	142	122	53·22	209	175
4.—TEST & SOLENT. 551 sq. mi.									
D D Milford-on-Sea (Manor Road)	SZ(40)288924	55	...	31·51	156	121	47·40	224	163
D D EVERTON (Efford)	SZ(40)303937	51	...	26·63	139	106	46·09	198	158
D D Lymington (Waterford)	SZ(40)329948	5	...	27·58	147	109	47·24	207	158
D D New Milton (Ashley County School) ..	SZ(40)254951	130	...	29·99	140	119	50·95	195	163
d d Lymington	SZ(40)319952	57	31·8	28·22	116	101	48·52	177	151
d d Holmsley (Toll House)	SZ(40)227998	212	...	35·03	...	...	52·34	...	...
D D Southampton (Millbrook S.W.) ..	SU(41)388125	15	...	29·19	166	117	46·53	229	169
D D Bartley (The Nurseries)	SU(41)310131	95	36·5	34·28	(162)	(131)	52·99	207	179
D D SOUTHAMPTON (East Park)	SU(41)419119	65	31·6	27·90	151	110	45·91	217	159
D D Rownhams (The Green)	SU(41)385175	230	...	28·32	140	118	47·73	201	159
D D Romsey (Embley Gardens)	SU(41)323208	125	32·5	29·77	163	120	47·97	213	172
D D Romsey (Timsbury Pumping Station) ..	SU(41)346255	99	31·2	29·49	145	118	47·49	206	168
D D Hursley (Merdon Manor)	SU(41)410266	385	32·8	34·70	154	126	48·94	213	178
D D Sparsholt	SU(41)427319	370	33·5	33·02	149	121	47·92	207	163
D D Stockbridge (Houghton Lodge)	SU(41)344332	112	31·4	32·47	156	121	46·60	218	168

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
HAMPSHIRE—(contd.)			ft.	in.	in.			in.		
4.—TEST & SOLENT—(contd.)										
M M	Broughton (Pumping Station)	SU(41)307338	...	...	33·86	...	...	45·84	...	...
D	Stockbridge (Houghton Down Farm) ..	SU(41)337352	210	...	29·46	149	100	...	...	...
D	Nether Wallop (Garlogs)	SU(41)305354	170	...	...	...	...	44·57	232	172
D D	Crawley (Chilbolton Down)	SU(41)409368	345	32·5	30·91	134	117	44·13	199	170
D D	Stockbridge (LECKFORD Estate) ..	SU(41)393362	385	31·6	29·76	148	117	48·89	214	169
d d	Sutton Scotney (West Stoke Farm) ..	SU(41)477372	275	...	31·77	...	...	43·75	...	...
M	§Over Wallop (Isle of Wight Hill) ..	SU(41)250375	500	...	...	...	...	45·50	...	...
D D	Sutton Scotney (Wonston Manor) ..	SU(41)471381	233	29·6	32·83	141	113	43·20	207	164
M	Middle Wallop (Airfield)	SU(41)303393	300	...	...	...	...	46·80	...	...
D	Andover (Clarendon Avenue)	SU(41)354448	190	...	...	...	...	44·61	226	165
D D	Andover (Sewage Works)	SU(41)359447	200	29·5	28·83	155	111	44·15	220	160
D D	Andover (Waterworks)	SU(41)368467	205	28·9	28·71	151	110	42·99	218	161
d d	Grateley (Fox Farm)	SU(41)291436	300	...	31·66	...	...	47·21	...	...
D D	Overton	SU(41)519508	340	31·4	28·94	132	109	43·36	211	170
M D	Worting (Manydown Park)	SU(41)584527	415	31·3	30·86	...	...	43·57	210	166
D	Wootton House	SU(41)593529	404	...	...	...	...	42·29	221	160
D D	Whitchurch (Dunley Manor)	SU(41)452535	415	32·0	29·42	139	115	44·88	204	162
d D	Linkenholt Manor	SU(41)362581	670	35·2	35·77	117	105	48·63	189	161
5.—ITCHEN & SPITHEAD.										
422 sq. mi.										
D D	§HAYLING ISLAND	SZ(40)716988	13	...	26·86	134	93	40·50	201	142
D D	Gosport	SZ(40)598998	30	...	26·04	134	98	46·03	190	154
D D	SOUTHSEA (Southsea Common) ..	SZ(40)640990	7	27·8	26·64	132	96	43·95	200	163
D D	§Portsmouth (Eastney)	SZ(40)684993	12	...	27·66	130	96	39·96	188	144
D D	Farlington (Pumping Station)	SU(41)678058	78	29·1	30·92	148	108	46·59	210	168
D D	Farlington Reservoirs	SU(41)679060	117	29·4	31·13	148	108	47·27	211	171
D D	Farlington (Filter Works)	SU(41)679061	157	28·0	30·31	147	107	45·69	212	167
D D	Havant (Portsmouth W.W.)	SU(41)711063	25	28·3	29·99	141	108	45·78	208	165
D D	Fareham (Maindell Waterworks) ..	SU(41)589071	36	32·1	29·14	146	110	49·09	215	169
M M	Southwick (Pinsley Lodge)	SU(41)637076	150	31·3	31·49	...	...	48·84	...	...
D D	Havant (Leigh Park Farm) .. (+ A)	SU(41)721087	105	...	31·29	133	107	48·43	197	166
D D	Woolston Depot	SU(41)435104	20	30·5	26·61	141	111	46·19	206	161
M M	Idsworth (Water Tower)	SU(41)729114	202	33·3	34·87	...	...	51·76	...	...
M M	Southwick (Upper Beckford Farm) ..	SU(41)632110	112	32·0	29·87	...	...	50·37	...	...
D D	Hambledon (Worlds End)	SU(41)629118	115	...	30·92	155	111	51·28	216	179
D D	Southampton (Bitterne Park)	SU(41)441130	35	...	27·26	153	108	46·01	214	160
D D	Southampton (Portswood)	SU(41)434146	15	29·7	28·62	149	110	44·08	216	168
D D	Southampton (South Hill Res.) ..	SU(41)423159	201	30·6	29·00	142	116	46·01	208	170
D	SOUTHAMPTON (EASTLEIGH) .. (+ A)	SU(41)449168	35	28·2	26·61	141	107	...	...	...
d d	Curdrige (Sunnyside)	SU(41)539137	90	32·2	29·43	...	113	47·69	...	176
D	Leydene (H.M.S. Mercury)	SU(41)680190	675	...	...	...	...	58·11	208	183
M M	West Meon (Pumping Station)	SU(41)649242	330	...	34·76	...	...	50·56	...	...
M M	Catherington Reservoir	SU(41)696146	428	35·6	37·02	...	...	54·60	...	...
d	Swanmore (Holywell House)	SU(41)596149	140	33·3	33·41	...	...	...	...	...
M M	Hambledon (Whitedale)	SU(41)650154	223	...	30·70	...	...	48·44	...	...
D D	Hoe Pumping Station	SU(41)567168	110	...	30·06	150	113	47·43	215	170
D D	Soberton (Mislingford)	SU(41)596142	136	32·8	30·77	150	107	48·89	216	172
D D	Droxford (Upper Swanmore)	SU(41)581174	315	34·1	31·71	159	113	51·06	231	173
D	Droxford (Studwell Lodge)	SU(41)607179	220	...	...	...	...	47·56	225	179
D D	Bishops Waltham (Wintershill Hall) ..	SU(41)527184	250	31·8	30·84	139	119	47·64	185	167
D D	Bishopstoke (Church Road)	SU(41)466196	105	...	28·48	(143)	(111)	45·02	210	162

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960									
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more							
HAMPSHIRE—(contd.)																		
5.—ITCHEN & SPITHEAD—(contd.)										ft.	in.	in.				in.		
D D	Petersfield (Ditcham Park)	.. ..	SU(41)748177	555	39·5	39·92	...	113	58·68	196	181						
D D	Otterbourne (Kingfisher Lodge)	.. ..	SU(41)468225	80	31·6	30·18	150	117	45·82	212	167						
D D	Otterbourne (Waterworks)	.. ..	SU(41)465235	113	32·0	30·87	157	119	46·26	213	171						
D D	Twyford (Pumping Station)	.. ..	SU(41)493249	138	32·6	30·92	139	110	48·84	205	169						
D D	WINCHESTER (Recreation Ground)	.. ..	SU(41)484300	121	32·0	32·11	146	117	47·89	214	168						
D D	Winchester (Romsey Road W.W.)	.. ..	SU(41)475294	270	31·2	30·76	135	112	46·37	207	157						
D D	Winchester (Hatherley Road)	.. ..	SU(41)475301	193	...	31·31	150	118	47·58	218	168						
D D	Winchester (Berewecke Road)	.. ..	SU(41)475304	245	32·4	31·03	148	119	46·61	217	166						
D D	Winchester (Harestock)	.. ..	SU(41)469318	220	...	31·77	160	115	48·37	216	167						
D D	Bishop's Sutton	.. ..	SU(41)605319	255	32·6	30·50	143	112	44·90	202	164						
D D	Itchen Abbas (Chilland)	.. ..	SU(41)526328	205	31·5	28·77	149	116	43·04	222	164						
D	Itchen Abbas (The Down House)	.. ..	SU(41)529327	205	...	28·66	(143)	(113)	...	...	...				
D D	MARTYR WORTHY	.. ..	SU(41)517338	275	...	29·63	136	110	42·97	208	164						
6.—ARUN. 82 sq. mi.																		
D	Liss	.. .. (+ A)	SU(41)772271	195	...	37·47	135	115	...	...	...				
D D	Liss (Kippences)	.. ..	SU(41)777285	250	36·3	36·22	135	116	48·87	203	176						
M M	Greatham (Manor House)	.. ..	SU(41)773301	260	...	36·10	...	...	45·83	...	...					
7.—THAMES. Wey. 92 sq. mi.																		
D D	East Tisted (Rotherfield Park)	.. ..	SU(41)691322	555	37·6	36·64	130	114	50·87	199	177						
D D	Alton (Treloar Orthopaedic Hospital)	.. ..	SU(41)724387	350	33·8	32·24	153	112	47·88	215	176						
D D	Alton (Waterworks)	.. ..	SU(41)722389	440	...	32·23	147	115	44·90	211	174						
D D	Alton (Lasham Pumping Station)	.. ..	SU(41)685413	407	...	32·28	152	111	46·64	218	174						
D D	ALICE HOLT LODGE	.. ..	SU(41)804429	378	31·3	31·19	149	112	43·45	220	169						
D D	Rowledge	.. ..	SU(41)821435	350	...	31·51	156	111	43·51	231	169						
8.—THAMES. Loddon. 164 sq. mi.																		
W W	Swainshill	.. ..	SU(41)721441	550	32·9	32·19	...	...	44·92	...	...					
D D	LONG SUTTON	.. ..	SU(41)748467	512	31·3	30·67	145	117	42·06	217	158						
D D	Basingstoke (Winslade House)	.. ..	SU(41)656481	420	...	31·56	142	112	42·90	214	165						
D D	Basingstoke (Upton Grey House)	.. ..	SU(41)693485	400	29·9	30·74	147	114	40·50	219	172						
D D	Aldershot (Waterworks)	.. ..	SU(41)864493	251	29·5	25·80	138	109	37·44	212	162						
W W	Aldershot Reservoirs	.. ..	SU(41)859502	394	29·3	26·64	...	...	37·22	...	...					
D D	Odiham (Sewage Works)	.. ..	SU(41)739521	239	27·5	25·77	140	108	37·95	208	149						
D D	Greywell (Pumping Station)	.. ..	SU(41)724514	263	28·2	26·48	147	111	39·53	222	159						
D	Basingstoke Cemetery	.. .. (+ A)	SU(41)626518	305	...	...	...	...	40·16	212	155		
D D	Hook (Nately Hatch)	.. ..	SU(41)708533	328	29·1	26·87	128	108	37·52	190	150						
d d	Hook (Fruit Farm)	.. ..	SU(41)728554	215	...	23·40	...	...	36·11	...	...					
D D	Hartley Wintney (S.D. Works)	.. ..	SU(41)768580	180	27·3	23·24	129	106	35·92	187	160						
D	BLACKBUSHE Airport	.. .. (+ A)	SU(41)816589	324	...	22·75	135	100	...	...	...				
D D	SOUTH FARNBOROUGH (R.A.E.)	.. .. (+ A)	SU(41)867544	226	26·9	23·58	137	96	34·05	209	143						
D D	Heckfield (Park Corner)	.. ..	SU(41)715627	257	26·3	23·16	158	110	34·99	235	159						
9.—THAMES. Kennet. 65 sq. mi.																		
D D	Kingsclere (Isle Hill)	.. ..	SU(41)503581	500	34·1	31·77	157	115	45·42	221	174						
D D	Silchester House	.. ..	SU(41)627617	305	26·5	26·67	138	105	36·27	204	139						

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
BERKSHIRE. (Area, 722 sq. mi.)											
1.—TEST. 2 sq. mi.											
2.—THAMES. Bourne. 15 sq. mi.											
D D	Sunninghill (Blacknest Pumping Stn.) . .	SU(41)959687	130	...	20·90	135	104	32·34	202	146	
D D	Sunninghill (Cedars)	SU(41)939686	275	...	22·46	154	111	33·63	225	160	
3.—THAMES. Loddon & c. 162 sq. mi.											
D D	FINCHAMPSTEAD	SU(41)792633	212	...	22·93	159	105	32·13	215	144	
d d	Wellington College	SU(41)833635	290	27·2	22·48	...	...	33·08	...	...
D D	Beech Hill (Waveney)	SU(41)699643	220	...	23·38	139	102	33·44	209	150	
d d	Broadmoor Institution	SU(41)852638	300	27·3	22·19	...	109	34·70	...	141	
D D	Wokingham (Bucks Copse)	SU(41)805681	174	25·3	22·36	147	107	31·95	203	142	
D	Wokingham (Bucks Copse) No. 2	SU(41)805682	174	...	22·39	147	108	...	...	...
D D	WOKINGHAM (ST. CRISPIN'S SCHOOL) . .	SU(41)821686	200	...	21·12	135	104	30·51	185	129	
D D	Wokingham (Reading Road)	SU(41)794697	182	25·4	21·62	140	107	33·76	208	151	
D D	Wokingham (Winnersh Nursery)	SU(41)774709	180	...	22·00	143	108	33·01	191	142	
D	Bracknell (Sewage Works) . . (+ A)	SU(41)858718	161	...	...	...	...	32·83	192	143
D d	Warfield (Jealott's Hill)	SU(41)873733	220	26·7	21·91	150	102	30·38	...	140	
D D	READING (SEED TRIAL GROUNDS)	SU(41)738738	141	24·2	21·96	143	108	32·32	204	152	
d d	Sonning (University Farm)	SU(41)763755	168	...	24·36	122	102	31·97	185	137	
d d	Twyford (Beenham's Heath)	SU(41)851751	139	26·1	22·08	120	96	32·75	191	142	
D D	Old Windsor (Straight Road)	SU(41)987741	59	25·1	19·51	136	104	30·69	199	142	
d	Windsor (Royal Gardens)	SU(41)979754	70	25·8	...	...	...	33·79	...	...
D D	Twyford (Hare Hatch)	SU(41)799780	180	26·8	23·65	142	109	39·80	226	172	
D D	Wargrave (Piggott School)	SU(41)785775	124	...	21·86	129	103	31·11	199	145	
D D	Wargrave (The Thatched House)	SU(41)788792	200	26·4	22·31	145	108	34·62	222	159	
d d	Bray (Bramel)	SU(41)907794	75	...	22·46	123	103	32·28	...	151	
D D	Maidenhead (Sewage Works) . . (+ A)	SU(41)891805	81	24·7	22·57	150	105	32·67	211	145	
D D	Maidenhead Reservoir	SU(41)874808	180	...	23·97	155	104	32·12	185	148	
D D	Maidenhead (Boulter's Lock)	SU(41)903824	82	25·6	22·10	139	109	33·24	199	151	
d d	Cookham (The Sol)	SU(41)902851	90	...	23·07	126	97	32·60	185	141	
D D	Hambleden Lock	SU(41)781852	105	28·1	23·87	136	115	35·58	199	155	
D D	HURLEY (Hall Place Farm)	SU(41)822823	140	...	24·61	137	110	34·96	211	161	
4.—THAMES. Kennet & c. 224 sq. mi.											
D D	Inkpen (New Mill)	SU(41)380647	485	33·7	34·75	163	120	46·25	215	165	
D	Mortimer (Grazeley Green)	SU(41)677678	164	25·7	23·09	141	108	...	...	...
D D	\$Kintbury (Harold Road)	SU(41)390666	365	...	30·73	144	110	41·09	212	157	
d	Kintbury (Sewage Works)	SU(41)394672	310	...	30·82	154	112	...	...	...
d d	Newbury (Gloucester Road)	SU(41)465669	250	30·2	30·24	125	108	41·97	192	159	
D D	Newbury (Sewage Pumping Station) . .	SU(41)476674	230	...	28·98	155	105	39·63	216	157	
D D	SHINFIELD (University Hort. Farm)(+ A)	SU(41)734686	200	25·8	21·19	142	101	31·58	212	144	
* D D	WOOLHAMPTON (Douai Abbey)	SU(41)578681	370	26·2	24·99	146	104	36·05	205	153	
D D	Reading Waterworks (Bath Road)	SU(41)702728	217	25·3	21·37	151	109	35·10	217	155	
D D	Reading (Forbury Gardens)	SU(41)719736	145	25·3	20·78	126	98	33·45	198	148	
D D	READING (University)	SU(41)738748	148	25·7	21·84	149	102	33·11	209	145	
D D	Reading (Caversham Lock) . . (+ A)	SU(41)720740	123	25·0	20·64	132	102	32·82	197	149	
D D	Chieveley (Priors Court)	SU(41)486738	403	27·8	24·51	147	111	37·63	207	156	
d d	Peasemore House	SU(41)461770	400	26·2	24·17	111	102	35·64	...	...

§ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
BERKSHIRE—(contd.)				ft.	in.	in.			in.		
5.—THAMES. Ock & c. 319 sq. mi.											
D D	Cold Ash (The Ridge)	SU(41)519698	488	...	27·55	146	111	37·88	206	159	
D D	Stanford Dingley (Dingley Cottage) ..	SU(41)580707	400	27·5	24·64	141	103	36·67	207	165	
d D	Reading (Englefield)	SU(41)625721	175	27·1	26·68	140	120	39·21	192	168	
D D	Bradfield (Pumping Station)	SU(41)604726	174	25·9	23·34	138	101	33·60	202	150	
d d	Yattendon (Yattendon Court)	SU(41)559744	360	27·5	25·35	...	...	38·27	...	...
d d	Ashampstead (Pyt House)	SU(41)578760	260	27·5	27·29	...	...	41·12	...	...
D	LETCOMBE REGIS.	SU(41)380864	350	...	...	...	...	36·71	201	157
D d	Wantage (Kitford Gardens)	SU(41)428867	400	29·0	28·82	136	115	35·11	...	139	
D	Cholsey (School House)	SU(41)587868	150	26·9	...	...	...	37·18	216	158
D	Cholsey (Bow Bridge)	SU(41)605875	151	25·7	23·38	145	109	...	...	...
D D	Cholsey (Sewage Works)	SU(41)590872	150	...	23·86	144	107	33·26	199	144	
D D	Didcot (Sewage Works)	SU(41)527908	170	25·9	25·41	154	109	34·36	185	144	
d d	Steventon (Hanney Road)	SU(41)466922	250	...	24·22	131	112	34·71	...	141	
D D	Great Coxwell (Court House Farm) ..	SU(41)269939	350	...	23·70	135	113	38·84	213	149	
D D	Abingdon (Sewage Works)	SU(41)496959	170	23·8	22·01	150	108	34·77	217	136	
D D	Abingdon (The Firs)	SU(41)487971	180	24·1	22·28	144	113	35·10	192	140	
D D	Abingdon (Christ's Hospital)	SU(41)487970	190	25·0	22·05	134	110	32·72	184	143	
D D	Buckland.	SU(41)345982	310	...	22·82	136	107	35·24	184	147	
D D	Abingdon (Frilford Heath)	SU(41)447983	240	24·6	23·63	146	106	36·83	209	148	
D D	ABINGDON Airfield (+ A)	SU(41)482990	210	24·1	21·74	145	102	35·24	193	133	
D D	Abingdon (Sandford Lane S.W.) ..	SP(42)528008	220	24·7	21·59	148	112	33·59	190	134	
D D	Abingdon (Wootton Waterworks) ..	SP(42)468013	265	25·1	20·41	128	98	33·38	183	136	
D D	Boars Hill (Blackthorn)	SP(42)487019	410	26·4	22·78	144	109	37·24	198	142	
D D	Oxford (Kennington Nursery)	SP(42)518029	350	25·7	23·77	136	113	39·20	186	141	
D D	Eynsham (Swinford Pumping Station)	SP(42)446085	203	25·6	23·62	149	106	37·76	197	145	

DIVISION III—SOUTH MIDLAND COUNTIES

MIDDLESEX. (Area, 232 sq. mi.)

1.—THAMES. Colne & Brent.
185 sq. mi.

D D Weybridge (Shepperton Lock)	TQ(51)074659	41	25·1	21·08	128	104	30·87	203	158
D d Littleton (Queen Mary Reservoir) ..	TQ(51)059696	44	24·4	22·76	116	104	32·34	...	151
D D HAMPTON (Waterworks) (+ A)	TQ(51)131695	39	23·1	18·22	133	97	28·62	197	144
D D Kempton (Waterworks)	TQ(51)111710	40	22·7	18·30	127	95	28·13	199	141
D D Hampton (Refuse Disposal Works) ..	TQ(51)131715	60	...	18·42	130	98	29·83	195	148
D D Teddington (Stanley Road)	TQ(51)150718	42	...	17·51	132	95	28·87	203	147
D Hampton Hill (Lindsay Road)	TQ(51)139715	50	...	17·37	131	93	...	...	...
D D Staines (Pumping Station)	TQ(51)042719	55	24·2	20·35	127	97	30·77	200	148
D D Staines Reservoir (West Side)	TQ(51)046730	53	24·9	20·78	127	104	31·54	199	148
D D Isleworth (Mogden Works) (+ A)	TQ(51)154753	33	23·4	17·03	126	99	27·74	193	136
d d Longford (Perry Oaks Disposal Works)	TQ(51)060759	77	24·2	19·93	...	95	30·43	...	140
D D Hounslow (Hanworth Road)	TQ(51)136750	60	24·3	18·81	135	102	30·10	203	140
D Hounslow (Berkeley Avenue)	TQ(51)103765	75	24·6	19·57	143	103	...	...	...
D D LONDON AIRPORT (+ A)	TQ(51)077768	82	23·7	19·22	132	92	28·96	190	136
D D Kew Bridge (Waterworks)	TQ(51)185781	36	24·5	17·95	135	94	27·80	182	137
D D Harmondsworth (Road Res. Lab.) (+ A)	TQ(51)055773	80	25·2	19·82	134	99	30·25	199	140
D D Hanwell (+ A)	TQ(51)151801	36	...	16·32	135	94	28·13	182	137
D D West Drayton (Pumping Station) ..	TQ(51)062802	98	...	19·94	144	106	32·53	185	147

§ Turf wall around gauge.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
MIDDLESEX—(contd.)									
1.—THAMES—(contd.)									
D D Southall (Ascot Gardens)	TQ(51)130818	105	...	18·33	132	98	32·42	206	147
d d Acton (Pumping Station) (+ A)	TQ(51)212797	23	...	17·61	114	89	30·65	...	133
D D Acton (Cemetery) (+ A)	TQ(51)205818	96	...	19·66	128	95	29·53	194	134
D D Hayes (Parkside)	TQ(51)094809	120	...	19·81	141	104	32·22	198	147
D d Ealing (Hanger Hill Reservoir)	TQ(51)181818	206	25·5	18·78	133	99	32·46	...	...
D Hillingdon (Bishopshalt School)	TQ(51)069827	180	...	...	...	...	35·61	189	135
d M Uxbridge	TQ(51)056847	160	...	22·39	...	...	35·22	...	...
D D Cowley	TQ(51)053818	95	...	20·89	134	102	33·56	196	144
d d §Willesden Reservoir	TQ(51)226842	167	25·7	20·98	...	...	33·00	...	...
D D Willesden (Stonebridge Park)	TQ(51)201841	100	...	21·33	131	99	33·90	195	143
D D Wembley (Town Hall) (+ A)	TQ(51)197867	187	24·2	19·88	136	98	32·04	201	142
D D Harrow (Oakhurst)	TQ(51)147862	295	...	21·25	142	102	34·26	213	147
D D Brent Reservoir (+ A)	TQ(51)209870	138	25·1	20·23	145	104	32·36	211	145
D Ickenham (Pumping Station)	TQ(51)074875	150	...	18·44	139	97	...	...	...
D D Kingsbury (Dors Close)	TQ(51)207874	155	...	20·64	134	100	32·92	208	143
D D Rayners Lane (High Worple)	TQ(51)127875	153	...	21·28	144	97	33·77	217	143
D D Ruislip (+ A)	TQ(51)090879	142	26·2	23·70	144	112	35·65	205	151
D D Harrow (Welldon Crescent)	TQ(51)156883	200	26·9	21·05	142	100	33·58	205	146
D D Hendon (Council Depot) (+ A)	TQ(51)239875	157	26·2	19·07	136	98	32·58	205	136
D D Hampstead Gdn. Suburb (Hurst Close)	TQ(51)152917	260	...	19·57	138	101	34·59	214	150
D D Pinner (Hillcrest Avenue)	TQ(51)117893	170	...	23·09	143	101	34·20	204	147
D D WEALDSTONE	TQ(51)157892	173	27·5	21·61	141	95	34·96	212	153
D D Edgware (M.C.C. Depot) (+ A)	TQ(51)189913	179	...	20·87	145	106	34·50	200	160
d d Stanmore (+ A)	TQ(51)152917	281	27·7	22·72	138	104	35·41	...	...
d Northwood (St. Martin's School)	TQ(51)182920	230	...	...	...	...	35·85	(204)	(146)
D D Edgware (Edgwarebury Park)	TQ(51)189932	221	...	21·42	141	102	32·15	201	148
D D Mill Hill (Bunns Lane) (+ A)	TQ(51)215915	202	...	20·09	139	100	33·29	202	145
ww Barnet (Old Fold View)	TQ(51)233966	360	28·4	22·80	...	...	35·38	...	...
D d Potters Bar (Mountgrace County School)	TL(52)256020	375	27·7	22·68	137	98	31·28	...	...
D D Potters Bar (Playing Fields)	TL(52)242017	260	26·1	22·05	146	104	32·75	198	141
2.—THAMES. Lea. 47 sq. mi.									
D D Crouch End (Priory Park)	TQ(51)300891	118	...	20·03	147	105	33·97	218	150
D D Hornsey (High Street)	TQ(51)307894	107	25·4	19·23	129	95	31·91	186	134
D D Muswell Hill (Council Nurseries)	TQ(51)280907	209	26·8	20·65	135	101	33·32	201	146
D D Finchley (Avenue House)	TQ(51)252902	278	26·8	20·32	123	102	33·76	196	151
D D Palmers Green (Broomfield Park)	TQ(51)304925	136	25·7	19·67	137	99	31·48	196	136
D D ENFIELD (Sewage Works) (+ A)	TQ(51)359949	43	24·1	18·32	108	90	29·27	169	132
D D Southgate (Oakwood Park Road)	TQ(51)304951	150	...	19·79	135	94	30·29	189	131
D D SOUTHGATE (Oakwood Park) (+ A)	TQ(51)299952	221	25·0	19·96	128	96	30·72	192	136
D D Enfield (Southbury Road)	TQ(51)332965	148	25·2	18·68	126	97	29·76	182	136
D D Enfield (Forty Hill)	TQ(51)338983	125	24·8	19·47	134	103	31·33	210	141
D D Enfield (Hadley Road Pumping Stn.)	TQ(51)302980	140	...	20·02	125	101	33·10	190	141
D Enfield (Whitewebbs Park)	TQ(51)326989	120	25·1	19·55	122	99	...	...	...
d d Enfield (King George's Pumping Stn.)	TQ(51)372979	52	...	18·70	...	...	29·45	...	...
HERTFORDSHIRE.									
(Area, 635 sq. mi.)									
1.—THAMES. Thame. 10 sq. mi.									

§ Turf wall around gauge.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
HERTFORDSHIRE—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
2.—THAMES. Colne & Brent. 199 sq. mi.											
d d	Maple Cross (Sewage Works)		TQ(51)037922	137	...	22·23	...	...	35·04	...	...
D d	Northwood (St. Mary's Avenue) ..		TQ(51)091923	231	27·0	23·89	144	102	36·83	...	...
D	Batchworth Heath (Bathend)		TQ(51)076925	364	...	...	...	...	35·29	202	147
D D	Bushey Heath Reservoir		TQ(51)152941	520	26·9	23·58	152	108	36·39	213	149
D D	Totteridge (Great Bushey Drive) ..		TQ(51)259942	230	27·7	20·62	142	104	34·85	203	147
D D	Batchworth (Pumping Station) ..		TQ(51)063940	156	27·3	23·00	142	105	37·66	204	156
D d	Chorleywood (Berry Lane)		TQ(51)035955	230	...	24·06	138	102	36·35	213	150
D D	East Barnet (S.D. Works) .. (+ A)		TQ(51)284938	137	25·6	20·11	133	103	31·98	206	134
d	East Barnet (Grammar School) ..		TQ(51)278955	270	...	20·68	...	...	...	...	...
D D	East Barnet (Tudor Sports Ground) ..		TQ(51)262968	229	...	20·88	135	92	33·06	203	143
D D	Barnet (Sewage Works) .. (+ A)		TQ(51)247954	296	...	21·14	148	107	34·43	209	149
D D	Boreham Wood (Furzehill Road) ..		TQ(51)193964	302	28·6	23·25	127	98	35·59	189	137
D d	Boreham Wood (Shenley Road) (+ A)		TQ(51)194965	300	...	22·69	130	100	33·98	180	135
ww	Elstree (Aldenham Reservoir)		TQ(51)171957	330	27·9	23·58	...	...	37·50	...	...
D D	Watford (Aldenham Road)		TQ(51)120958	204	26·3	23·26	150	98	35·42	217	147
D D	Watford (Waterworks)		TQ(51)114958	170	...	24·33	137	106	37·30	212	152
D D	Chorley Wood (Pumping Station) ..		TQ(51)037977	219	...	25·35	149	113	38·03	208	156
D D	Watford (Callowland)		TQ(51)112993	250	...	24·31	138	106	33·06	194	159
D D	Hunton Bridge (Pumping Station) ..		TL(52)083007	215	...	26·11	151	106	36·60	214	156
D D	GARSTON (Building Res. Stn.) .. (+ A)		TL(52)125015	263	27·0	24·49	140	102	33·84	200	141
D d	Kings Langley (Fir Tree Cottage) ..		TL(52)073026	278	29·9	27·25	142	113	36·72	...	...
D D	BOVINGDON Airport .. (+ A)		TL(52)007038	516	...	25·91	139	107	37·58	193	149
D D	North Mimms (Pumping Station) (+ A)		TL(52)233037	254	25·7	21·86	136	102	32·48	190	132
M M	Boxmoor (Moorlands)		TL(52)041064	300	...	27·33	...	...	36·25	...	...
D D	Hemel Hempstead (Piccotts End) ..		TL(52)048092	300	...	26·62	149	115	37·22	217	150
D D	Colney Heath (Tyttenhanger Pump. Stn.)		TL(52)198057	241	25·5	23·04	135	96	31·62	188	136
d d	St. Albans (Hill End Hospital)		TL(52)176068	295	...	23·26	121	96	32·96	196	142
D D	St. Albans (Holywell Hill)		TL(52)146066	250	...	23·62	133	101	32·45	198	145
D D	St. Albans (Stonecross Pumping Stn.) ..		TL(52)151081	420	26·4	24·27	142	106	33·67	205	146
D D	St. ALBANS (Oaklands)		TL(52)182076	272	25·2	22·23	135	101	32·32	215	147
D	St. Albans (Gorhambury)		TL(52)114077	432	28·6	...	...	...	35·68	189	157
D D	Hatfield (Roe Green)		TL(52)214073	267	...	22·32	137	97	33·21	190	135
D D	Hatfield (Pumping Station)		TL(52)220077	340	26·4	23·42	136	106	32·29	185	140
D D	Berkhamsted (Rossway)		SP(42)959072	560	32·7	32·31	149	118	41·43	209	160
D D	Berkhamsted (Amersfort)		TL(52)008084	520	...	29·07	143	114	38·51	200	155
D D	Tring (Cowroast Lock)		SP(42)957104	390	29·6	26·87	122	107	38·60	190	155
D D	Tring (New Ground Pumping Station)		SP(42)950107	432	29·5	27·33	130	114	37·24	204	159
d d	Berkhamsted (Ashridge Park)		SP(42)996113	550	...	26·89	...	...	39·35	161	151
D D	§Harpenden (ROTHAMSTED) .. (+ A)		TL(52)132134	420	27·6	25·29	151	102	34·76	203	147
D D	Harpenden (Rothamsted)		TL(52)132134	420	28·4	26·70	167	103	36·37	216	148
D D	Markyate (Waterworks)		TL(52)052159	538	29·3	26·58	148	113	37·55	205	148
3.—THAMES. Lea. 340 sq. mi.											
d d	Cheshunt (Cemetery)		TL(52)346021	125	...	20·26	(142)	(105)	31·43	...	...
D D	Northaw (Arish Mell)		TL(52)284025	300	27·1	22·38	135	101	31·77	211	130
D D	Cheshunt Yard		TL(52)353035	114	24·7	18·77	128	99	29·91	186	132
D D	Cheshunt (Darnicle Hill Pumping Stn.)		TL(52)309048	250	26·5	22·35	139	104	32·74	201	137
D d	Hatfield (Broad Oaks School)		TL(52)231089	260	...	21·73	135	101	30·59	...	...
D	Hatfield (Clarke's Road)		TL(52)228090	270	26·3	...	...	...	31·91	218	141
D D	Broxbourne (East Lodge)		TL(52)364073	175	...	19·63	156	97	31·21	204	140
	Hoddesdon		TL(52)372085	130	...	19·21	136	...	29·51	192	139
d d	Essendon (Bedwell Park)		TL(52)277073	360	...	24·69	...	108	33·09	218	139

|| Site unorthodox.

§ Turf wall around gauge.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
HERTFORDSHIRE—(contd.)					ft.	in.	in.			in.		
3.—THAMES—contd.												
d D	Hoddesdon (Feilde's Weir)	.. ..	TL(52)392092	95	24·2	19·84	129	107	29·33	176	139
D D	BAYFORDBURY	.. ..	TL(52)315103	221	24·7	21·11	135	101	30·34	179	132
D	HODDESDEN (Lea Valley)	.. ..	TL(52)371105	153	...	20·56	126	97	...	...	...
D D	Hertford (Letty Green)	.. ..	TL(52)288110	230	...	22·88	137	105	30·17	185	136
D D	STANSTEAD ABBOTTS (Rye Meads S.W.)	.. ..	TL(52)389100	97	...	19·85	132	101	27·95	183	129
D D	EASTWICK LODGE Farm	.. ..	TL(52)437118	160	23·7	20·18	141	98	29·88	189	140
D D	Sawbridgeworth (Pumping Station)	.. ..	TL(52)464130	180	...	19·25	133	93	29·39	181	139
D d	Hertford (Sewage Works)	.. (+ A)	TL(52)338134	123	24·5	21·68	131	101	29·23	...	138	
D d	Welwyn (High Oats)	.. ..	TL(52)227131	335	...	21·62	144	106	31·94	203	137
D D	Ware (Amwell End Pumping Station)	.. ..	TL(52)360139	105	24·1	20·66	136	98	29·03	186	138
d	Ware (Grammar School)	.. ..	TL(52)358139	118	...	...	...	...	28·95	...	...
D D	Ware (Chadwell Spring)	.. ..	TL(52)350137	140	23·8	20·37	135	96	28·99	181	131
D D	Ware (Collett Road)	.. ..	TL(52)358147	150	...	21·72	142	105	30·94	191	137
D D	Harpenden (Sauncey Avenue)	.. ..	TL(52)139150	383	...	23·85	152	104	34·72	209	145
D D	Welwyn Garden City (Digswell P.S.)	.. ..	TL(52)240154	213	...	23·68	154	110	30·07	204	146
D D	Hadham (Pumping Station)	.. ..	TL(52)420166	170	...	18·99	132	97	29·60	187	136
d d	Welwyn (Sewage Works)	.. ..	TL(52)233157	260	...	22·15	119	101	29·76	172	134
D D	Welwyn (Mill Lane)	.. ..	TL(52)233162	240	...	23·83	129	109	32·23	187	148
D D	Hertford (Chapmore End)	.. ..	TL(52)331158	180	...	20·95	133	97	29·43	197	132
d d	Welwyn (Codicote Lodge)	.. ..	TL(52)214183	340	25·6	22·31	...	...	29·08	...	...
D D	Knebworth (Bulls Green)	.. ..	TL(52)270174	407	...	24·31	155	110	32·04	219	151
D D	Ware (Barwick)	.. ..	TL(52)385194	190	...	21·25	136	93	30·71	190	139
D D	Much Hadham (Moor Place)	.. ..	TL(52)422187	270	25·9	21·22	132	101	32·57	192	149
D D	Bishop's Stortford (Castle Mound)(+ A)	.. ..	TL(52)490214	224	...	19·80	135	94	31·59	199	146
d d	Bishop's Stortford College	.. ..	TL(52)481213	250	...	21·13	...	...	30·94	...	...
D D	Maze Green P.S.	.. ..	TL(52)474214	335	...	20·28	134	98	32·05	203	143
d d	Ware (St. Edmund's College)	.. ..	TL(52)371221	384	...	22·19	...	...	31·22	...	...
M	Ware (Little Munden School)	.. ..	TL(52)334218	305	...	...	...	...	28·70	...	...
D D	Breachwood Green	.. ..	TL(52)155222	480	26·5	23·71	145	106	34·91	201	149
D D	Little Hadham (Hadham Hall)	.. ..	TL(52)453228	338	25·3	22·36	147	103	32·47	215	157
D D	Whitehall (Pumping Station)	.. (+ A)	TL(52)284220	231	...	25·36	137	102	31·35	192	145	
D d	Stevenage (Broomin Green)	.. ..	TL(52)229241	307	25·5	22·02	140	103	32·11	...	...
D D	Hitchin (Preston Hill Farm)	.. ..	TL(52)180240	484	25·7	21·59	146	104	32·46	189	138
D D	Braughing	.. ..	TL(52)402251	340	...	23·40	132	104	31·27	193	144
D D	Braughing (Upp Hall)	.. ..	TL(52)409241	370	...	21·07	140	91	29·22	195	135
D d	Stevenage (Pin Green)	.. ..	TL(52)250257	452	...	21·62	139	99	31·80	...	...
D D	Ardeley Bury	.. ..	TL(52)300270	356	26·7	23·18	134	107	33·96	195	152
M	Hitchin (Lilley)	.. ..	TL(52)118267	430	...	...	...	...	33·74	...	...
D D	Buntingford (Chipping)	.. ..	TL(52)355323	340	25·1	20·75	131	99	30·94	199	134
D D	Anstey (Hall Farm)	.. ..	TL(52)405329	410	...	20·59	141	101	29·13	205	135
D D	Meesden	.. .. (+ A)	TL(52)426327	450	...	22·83	144	102	31·56	198	142
4.—OUSE. 86 sq. mi.												
d	Hitchin (Queen Street W.W.)	.. ..	TL(52)185289	210	...	...	...	...	31·98	...	...
D D	Hitchin (Knightswood)	.. ..	TL(52)191290	280	...	21·31	156	103	32·50	205	149
D	LETCWORTH (Museum)	.. (+ A)	TL(52)217324	291	...	20·75	130	100	...	...	...
D	Baldock (William Road Pumping Stn.)	.. ..	TL(52)241325	270	...	...	...	...	30·34	188	139
D D	Barley (Dalnyveed)	.. ..	TL(52)399389	320	...	19·61	120	90	29·75	169	131
D D	Royston (East Brooklands)	.. ..	TL(52)355411	198	...	19·19	136	101	28·11	193	137

BUCKINGHAMSHIRE.

(Area, 743 sq. mi.)

1.—THAMES. Cherwell. 30 sq. mi.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
BUCKINGHAMSHIRE—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
2.—THAMES. Thame. 158 sq. mi.										
D D	Princes Risborough (Research Lab.) ..	SP(42)798029	333	27·7	27·00	142	115	36·29	203	154
D D	Monks Risborough (Waterworks) ..	SP(42)814046	363	28·1	25·96	144	112	34·76	199	156
D D	AYLESBURY (County Farm) ..	SP(42)842114	316	25·9	22·22	129	108	31·02	191	150
D D	Wendover (Dobbins Lane) ..	SP(42)861082	402	27·9	27·68	145	118	36·40	199	162
D D	Tring (Dancers End Pumping Station)	SP(42)906090	650	...	27·27	138	114	36·81	186	156
D D	Tring (Bulbourne) ..	SP(42)931136	401	29·0	24·38	135	111	34·44	206	161
D D	Tring (Wilstone) ..	SP(42)905142	308	...	24·55	157	120	35·81	236	170
D D	Aylesbury (Sewage Works) ..	SP(42)805142	251	25·5	21·60	145	113	31·33	198	155
d d	Brill (C.E. School) ..	SP(42)657138	600	...	23·31	145	108	33·75	...	...
	Mentmore Gardens ..	SP(42)906196	400	26·4	24·55	135	118	35·58	221	153
3.—THAMES. Wye & c. 129 sq. mi.										
D D	Eton (Tangier Island) .. (+ A)	SU(41)968777	67	25·9	20·91	133	106	32·91	191	142
D D	Slough (Upton) ..	SU(41)978791	78	25·4	20·53	140	108	33·98	197	149
D D	Slough (Baylis House) .. (+ A)	SU(41)970808	90	25·4	22·18	133	104	36·24	187	145
D D	Taplow Court Gardens ..	SU(41)906822	212	25·5	22·57	141	106	32·23	199	147
D D	Henley-on-Thames (Greenlands) ..	SU(41)775854	120	...	25·34	144	119	35·61	205	158
D D	Burnham (Waterworks) ..	SU(41)929829	180	25·7	23·43	137	112	33·56	195	157
D D	Marlow (Bovingdon Place) ..	SU(41)833872	300	...	28·02	150	121	38·23	229	161
d d	Hambleton (Hatchmans) ..	SU(41)780881	185	30·1	27·88	136	122	40·77	202	161
D	Marlow Bottom (Badgebury) ..	SU(41)843893	260	...	...	...	...	38·75	218	173
D D	High Wycombe (Pann Mill P.S.) ..	SU(41)874925	219	29·1	28·42	146	110	37·34	207	158
M M	High Wycombe (Lane End Res.) ..	SU(41)816918	659	30·4	28·06	...	...	(37·65)	...	...
D D	Penn (Rayners) ..	SU(41)905935	547	30·7	28·30	147	113	38·99	209	161
D D	Radnage (Hillmeadows) ..	SU(41)803957	550	...	31·55	155	128	39·47	224	156
D	Hampden House ..	SP(42)848024	695	29·3	...	...	...	45·70?	253	178
4.—THAMES. Colne. 133 sq. mi.										
d	Slough (Ditton Park) ..	TQ(51)001778	70	25·7	...	...	...	32·62	...	...
D D	Gerrards Cross (Fulmer) ..	TQ(51)003865	240	...	21·02	142	106	38·01	210	159
D D	Gerrards Cross (Mill Lane) ..	TQ(51)008881	280	27·3	20·99	144	103	37·08	207	150
d d	Denham (Golf Club) ..	TQ(51)033879	210	26·0	21·71	...	...	37·37	...	...
D d	Gerrards Cross (Bulstrode Gardens) ..	SU(41)985884	275	27·6	22·46	134	107	38·95	172	149
M M	Seer Green ..	SU(41)965921	330	...	23·08	...	...	36·26	...	...
D D	Chalfont St. Peter (The Colony) ..	TQ(51)003926	340	29·2	24·65	147	111	36·97	223	155
D D	Little Chalfont (Coke's Lane) ..	SU(41)988968	425	...	26·16	134	110	38·68	215	153
D D	Amersham (Waterworks) ..	SU(41)961970	292	...	26·35	138	116	38·91	202	164
d d	Amersham (Chestnut Lane) ..	SU(41)969987	500	32·1	28·32	122	113	39·93	186	160
D D	Great Missenden (Pumping Station) ..	SU(41)910995	372	30·5	29·52	148	116	41·62	217	164
D D	Wendover (Pumping Station) ..	SP(42)879039	486	31·1	29·42	145	118	41·20	213	160
D D	Great Missenden (The Lee) ..	SP(42)898042	600	...	31·63	139	113	43·48	205	160
D D	Chesham Vale (Hawridge Pump. Stn.)	SP(42)956055	418	31·1	31·46	145	116	40·25	211	160
5.—OUSE. 239 sq. mi.										
d d	Wing (Burcott Lodge Farm) ..	SP(42)876242	420	25·9	22·60	...	...	34·09	...	138
D D	Swanbourne House School ..	SP(42)799273	410	...	21·49	142	102	32·96	209	150
D D	BLETCHLEY (Grammar School) ..	SP(42)867336	281	...	20·99	140	107	33·05	201	146
d	Bletchley (Bletchley Park) ..	SP(42)866342	320	...	...	...	...	33·61	...	...
D d	Bletchley (Sewage Works) ..	SP(42)886347	220	...	20·12	128	99	31·13	...	147
d d	Buckingham (Sandpit Farm) ..	SP(42)702343	260	25·7	22·77	133	100	34·38	193	161
D D	Buckingham (Foxcote P.S.) ..	SP(42)713357	320	25·4	23·07	147	105	34·68	209	158
d d	Stony Stratford (Calverton Rectory) ..	SP(42)790389	250	...	21·83	126	112	35·45	...	...

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
BUCKINGHAMSHIRE—(contd.)									
5.—OUSE—(contd.)									
D D Newport Pagnell (Wolverton Road) ..	SP(42)870436	182	24.3	21.65	141	(96)	33.51	213	148
d Olney (Waterworks)	SP(42)873510	170	24.8	19.03	...	...	...	...	...
D D Olney (Colchester House)	SP(42)890514	170	...	19.79	140	93	34.22	210	141
D D Turvey (Brayfield House)	SP(42)928520	180	24.7	19.97	150	99	33.00	225	148
OXFORDSHIRE. (Area, 756 sq. mi.)									
1.—SEVERN. Upper Avon. 10 sq. mi.									
D D Sibford Ferris (West View)	SP(42)363366	570	28.0	23.90	127	102	38.28	205	162
2.—THAMES. Windrush & c. 261 sq. mi.									
D D Kelmscott	SU(41)244994	230	25.8	22.44	128	102	33.79	194	134
D D Milton-under-Wychwood (Castle Farm)	SP(42)237157	550	28.9	27.29	146	112	38.78	211	157
D D Charlbury (Cornbury Park)	SP(42)347175	420	29.5	25.18	155	117	40.70	211	154
D D Glympton Rectory	SP(42)426213	310	28.7	27.55	153	115	41.29	202	150
D D Chipping Norton (Heythrop College) ..	SP(42)363266	600	30.0	24.67	150	112	43.68	214	163
D D Chipping Norton (Stonecroft)	SP(42)313266	750	29.1	25.36	147	111	40.60	224	166
3.—THAMES. Cherwell. 250 sq. mi.									
D Sandford (Sewage Works)	SP(42)542019	210	...	...	...	...	37.50	188	143
D Littlemore (Pumping Station)	SP(42)526029	195	...	...	...	...	38.92	198	140
D D Oxford (Hinksey Pumping Station) ..	SP(42)514049	187	24.8	22.15	151	104	37.43	188	139
D D Oxford (Osney Lock)	SP(42)503059	186	25.0	22.99	142	105	35.59	192	135
D D Oxford (Brasenose Reservoir)	SP(42)557061	368	...	23.62	138	111	35.93	171	144
D D Oxford (Richmond Road)	SP(42)507067	200	25.4	23.72	147	105	37.42	192	135
D D Oxford (Norham Road)	SP(42)514078	200	25.5	25.22	157	111	39.34	204	147
D Headington	SP(42)565072	350	...	...	...	...	39.08	204	156
D D OXFORD (Radcliffe Met. Station) (+ A)	SP(42)509072	208	25.7	24.29	157	108	37.89	209	140
D D Noke (Manor Farm)	SP(42)546131	200	25.5	24.58	141	110	38.75	194	151
D D Hampton Poyle (The Old Rectory) ..	SP(42)499154	210	...	23.87	140	108	36.44	193	143
D D Kidlington (Shipton-on-Cherwell) ..	SP(42)482174	250	...	25.19	132	103	32.90	190	141
D D Woodstock (The Retreat)	SP(42)461174	313	...	26.77	152	112	39.60	210	149
d D Middleton Park	SP(42)525234	326	27.3	24.19	138	113	39.48	202	163
D D West Adderbury (Cross Hill)	SP(42)466356	338	26.2	22.66	159	113	37.02	215	157
D D North Newington (Orchard House) ..	SP(42)419399	392	27.9	22.17	155	108	40.38	220	157
D D Grimsbury (Pumping Station) .. (+ A)	SP(42)459418	299	...	20.34	137	99	34.23	190	141
4.—THAMES. Thame & c. 210 sq. mi.									
D D Goring-on-Thames (Crossways)	SU(41)599806	159	...	26.21	143	112	37.57	208	161
D D Henley-on-Thames (Greys Lane)	SU(41)761824	123	26.5	24.62	147	114	34.56	211	151
D D Henley-on-Thames (Longlands)	SU(41)762827	150	26.2	23.74	148	113	33.10	214	149
D D Stoke Row (Vicarage)	SU(41)678840	576	29.7	29.17	138	124	37.72	197	165
d d Checkendon (Uxmore)	SU(41)671839	588	29.9	29.97	...	123	37.05	...	...
D D Ipsden (Hailey)	SU(41)640858	350	27.1	23.81	131	105	31.79	198	154
D D Swyncombe House	SU(41)689901	515	30.3	26.96	135	108	38.14	211	163
D Swyncombe (Cookley House)	SU(41)699902	720	31.5	29.77	149	119	...	...	...
d d Ewelme (Quarry)	SU(41)645901	350	...	32.20	...	96	37.70	...	...
D Benson Airfield (+ A)	SU(41)631909	219	...	21.89	139	109	...	...	...

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
OXFORDSHIRE—(contd).											
4.—THAMES—(contd.)											
d d	Watlington (Britwell Salome)	SU(41)673935	400	26·8	24·10	120	109	34·34	...	157	
D D	Watlington (Cuxham)	SU(41)665952	200	25·3	24·70	146	116	34·51	201	158	
d	Clifton Hampden (Manor House)	SU(41)549956	190	25·4	...	...	...	40·01	...	156
D D	Watlington (Pyrton Manor)	SU(41)685956	325	27·0	25·01	146	115	35·81	204	164	
D D	Wheatfield	SU(41)687996	260	26·1	23·19	140	107	32·09	199	152	
d d	Toot Baldon (Potlands)	SP(42)564002	289	24·7	23·55	119	98	40·26	...	...
NORTHAMPTONSHIRE. (Area, 1,003 sq. mi.)											
1.—SEVERN. Upper Avon. 60 sq. mi.											
d d	Naseby Reservoir	SP(42)670780	519	27·2	21·05	...	107	37·58	...	157	
d	Naseby (Naseby Woolleys)	SP(42)665792	520	...	21·66	...	...	...	...	...
2.—THAMES. Cherwell. 77 sq. mi.											
3.—OUSE. 148 sq. mi.											
d d	Hazelborough Woods	SP(42)654427	460	...	23·24	115	99	36·40	...	...
D D	Towcester (Bradden House)	SP(42)645484	420	...	24·51	135	108	37·02	219	150	
D	Towcester (Easton Neston)	SP(42)702494	370	26·6	24·76	129	107	...	...	...
4.—NENE. 622 sq. mi.											
d d	Litchborough Rectory	SP(42)633542	485	26·0	22·51	...	...	33·03	...	...
D D	Blisworth (Grand Union Canal)	SP(42)720550	296	25·5	22·36	126	100	33·49	192	148	
d d	Yardley Hastings (Forest Lodge)	SP(42)852573	332	25·1	21·15	...	96	34·87	...	...
d	Bugbrooke Mill	SP(42)679588	230	23·6	21·76	...	...	31·12	...	...
D D	Badby	SP(42)559590	441	...	23·24	142	107	37·60	213	150	
D D	Flore	SP(42)649601	284	...	21·25	140	105	32·12	189	149	
D D	Little Houghton (Bedford Road)	SP(42)812591	300	23·4	19·41	152	99	33·33	208	139	
D D	Northampton (Hardingstone Gen. Stn.)	SP(42)762598	189	22·9	20·06	130	93	33·94	187	137	
D	Northampton (Cliftonville Nurseries) ..	SP(42)767602	235	...	...	...	...	35·03	186	148
D D	Northampton (General Hospital)	SP(42)762604	258	24·7	21·65	130	93	34·80	194	148	
d d	Northampton (St. Crispin Hospital)	SP(42)712611	398	24·6	20·01	119	89	33·08	181	142	
D D	||Northampton (Stimpson Avenue)	SP(42)768615	329	...	20·61	131	100	34·49	190	141	
D D	Duston (Southfield Road)	SP(42)717612	342	26·2	22·87	146	108	34·20	208	144	
D D	Woollaston (Pumping Station)	SP(42)889641	140	22·9	19·32	131	85	31·09	194	130	
d d	Woollaston Hall	SP(42)909631	276	...	17·44	...	...	29·12	...	...
M D	Althorp Park	SP(42)682652	320	26·5	22·11	...	...	35·89	179	152
D D	Sywell Reservoir	SP(42)830653	271	...	20·50	139	97	33·74	197	135	
D D	Norton Junction	SP(42)602657	358	26·5	22·03	143	110	35·24	189	157	
D D	Rushden (Cemetery)	SP(42)965664	260	23·0	18·40	134	88	31·64	182	134	
D D	Wellingborough (Nene Wharf)	SP(42)899664	135	23·1	19·07	134	96	30·55	185	133	
D D	Wellingborough (Swanspool)	SP(42)894675	187	24·5	20·06	138	95	31·93	192	136	
D D	Wellingborough (Sewage Works)	SP(42)911673	150	...	19·04	129	92	33·42	187	140	
D D	WELLINGBOROUGH (Radwell Road)	SP(42)885687	290	...	19·89	139	90	31·06	197	138	
M	Wellingborough (Bushfield Waterworks)	SP(42)876694	286	24·3	20·26	...	...	...	...	...
D	Wellingborough (Ironworks)	SP(42)900693	184	23·9	20·70	135	99	...	...	...
D D	Pitsford Reservoir	SP(42)758687	332	...	18·62	137	93	32·53	195	136	

|| Site unorthodox.

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORTHAMPTONSHIRE—(contd.)					ft.	in.	in.			in.		
4.—NENE—(contd).												
D D	Ravensthorpe	.. .. .	SP(42)682704	320	25·5	20·15	138	103	33·33	202	151
d d	Great Harrowden (The Hall)	.. .. .	SP(42)882709	290	24·8	20·51	...	96	32·13	...	140
D D	Hollowell	.. .. .	SP(42)687722	400	25·5	21·25	144	108	35·12	204	156
D D	RAUNDS (Madison)	.. .. .	SP(42)991721	193	22·8	19·19	141	98	31·35	197	127
D D	Orlbury (Rectory Farm)	.. .. .	SP(42)844715	388	...	19·97	125	104	31·97	182	136
D D	Kettering (Sewage Works)	.. .. .	SP(42)894729	165	24·4	18·59	135	87	29·80	184	128
d d	Lampport Hall	.. .. .	SP(42)759745	480	27·2	19·15	...	88	34·17	178	144
D D	Kettering W.W. (Cransley)	.. .. .	SP(42)833782	275	25·2	21·18	142	104	34·58	202	144
D D	Kettering W.W. (Thorpe Malsor)	.. .. .	SP(42)830795	350	25·4	20·57	142	97	33·49	204	143
D D	Kettering W.W. (Clover Hill)	.. .. .	SP(42)869799	344	...	19·73	143	100	31·62	180	132
d	Thrapston (Islip Furnaces)	.. (+ A)	SP(42)971783	163	...	18·19	...	...	...	...	...
D D	Kelmarsh Hall	.. .. .	SP(42)735795	412	...	22·13	141	104	37·71	204	152
D	Tichmarsh Rectory	.. .. .	TL(52)020797	180	...	20·27	129	97	...	...	...
D	Sudborough (The Old Rectory)	.. .. .	SP(42)968821	140	...	...	...	...	34·07	183	145
D d	Desborough (U.D.C. Waterworks)	.. .. .	SP(42)798836	457	25·1	20·50	128	102	34·36	179	133
d d	Brigstock	.. .. .	SP(42)944852	170	...	18·61	...	91	31·85	169	140
d d	Oundle (Nene Wharf)	.. .. .	TL(52)043888	65	23·1	17·45	...	...	31·55	...	...
D D	Corby	.. .. . (+ A)	SP(42)901885	319	23·9	18·58	127	90	32·04	177	136
d d	Bulwick	.. .. .	SP(42)957940	224	...	16·74	...	82	32·35	172	128
D d	Kings Cliff (Apethorpe)	.. .. .	TL(52)022961	127	23·4	15·86	110	85	29·62	...	...
D	Orton Longueville (No. 1)	.. .. .	TL(52)169968	50	...	...	...	...	28·58	172	117
d	Orton Longueville (No. 2)	.. .. .	TL(52)174971	50	...	...	...	...	29·32	...	...
d d	Peterborough (Woodston)	.. .. .	TL(52)179975	37	21·7	16·67	...	...	28·43	...	...
D D	Peterborough (Westbourne House)	.. .. .	TL(52)190975	35	21·6	16·17	116	82	28·88	173	120
D D	Peterborough (Sewage Pump. Stn.)(+ A)	.. .. .	TL(52)201984	9	21·4	17·30	113	82	28·18	166	126
d	Peterborough (Dogsthorpe)	.. .. .	TF(53)204006	45	21·8	18·35	...	85	...	...	...
d D	Wittering (Bone Mill)	.. .. .	TF(53)041018	183	22·7	17·89	100	82	31·75	148	113
D D	WITTERING Airfield	.. .. . (+ A)	TF(53)048032	261	...	17·24	122	85	31·77	180	125
5.—WELLAND. 96 sq. mi.												
D D	Market Deeping (Etton)	.. .. .	TF(53)143048	36	20·7	17·20	121	82	26·43	180	121
HUNTINGDONSHIRE. (Area, 366 sq. mi.)												
1.—OUSE. 327 sq. mi.												
D D	Great Gransden	.. .. .	TL(52)267557	150	22·3	17·83	127	94	30·80	174	128
D D	St. Neots (Kings Road)	.. .. .	TL(52)189605	70	21·5	18·17	132	92	29·26	192	129
D D	Hemingford Grey (Church Lane)	.. .. .	TL(52)293708	25	...	18·11	134	98	30·40	180	136
d d	St. Ives (Market Lane)	.. .. .	TL(52)316714	25	21·5	16·41	136	87	27·61	177	121
D D	WYTON Airfield	.. .. . (+ A)	TL(52)284745	141	21·4	15·30	127	86	28·71	174	124
D D	Abbot's Ripton Hall	.. .. .	TL(52)241779	80	21·8	18·61	123	101	30·18	158	124
d d	Conington Castle Gardens	.. .. .	TL(52)181859	25	22·9	19·84	...	84	30·76	...	...
d d	Huntingdon (Woodwalton Fen)	.. .. .	TL(52)235845	5	...	16·52	...	...	26·26	...	...
D D	Benwick (Four Hundred Farm)	.. .. .	TL(52)324899	5	21·6	15·55	...	81	27·42	159	119
D D	Whittlesea Mere	.. .. .	TL(52)237904	10	21·1	18·85	116	91	28·98	186	133
2.—NENE. 39 sq. mi.												

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
BEDFORDSHIRE. (Area, 467 sq. mi.)					ft.	in.	in.			in.		
1.—THAMES. Colne. 20 sq. mi.												
D D	Studham Hall	..	..	TL(52)012153	636	...	24.90	137	111	37.50	207	165
D D	Whipsnade Park	..	..	TL(52)004178	720	30.4	25.96	160	116	36.07	238	154
2.—THAMES. Lea. 32 sq. mi.												
D D	Luton (Pumping Station)	..	..	TL(52)121180	330	26.3	22.67	134	103	33.98	178	144
D D	Dunstable (Waterworks)	..	..	TL(52)022213	520	...	23.55	147	107	38.09	207	155
d d	Dunstable (Cement Works)	..	..	TL(52)015233	430	26.1	21.96	...	...	35.58	...	...
D D	LUTON (Wardown Park)	..	..	TL(52)089231	379	25.1	21.76	126	97	32.46	180	140
D D	Luton (Sundon Park)	..	..	TL(52)052254	400	...	20.84	130	110	34.10	200	151
D	DUNSTABLE	..	.. (+A)	TL(52)006218	516	25.4	21.14	132	103	...	...	...
3.—OUSE. 408 sq. mi.												
D D	Dunstable (Sewage Works)	..	..	TL(52)004239	360	...	20.37	127	93	33.44	188	141
D D	Leighton Buzzard (Heath Road)	..	..	SP(42)924269	250	...	24.20	156	105	36.18	222	163
D D	Battlesden (Pumping Station)	..	..	SP(42)960281	358	26.2	23.48	139	109	34.83	203	154
D D	Meppershall (High Street)	..	..	TL(52)137362	250	23.0	20.55	124	101	31.09	178	142
D	Eversholt	..	..	SP(42)988328	340	...	...	...	...	34.16	192	149
D D	WOBURN (Experimental Farm)	..	..	SP(42)964358	291	24.8	21.33	143	98	33.14	209	156
D	LETCHEWORTH (New Sew. Works)	..	.. (+A)	TL(52)208347	209	...	18.97	125	99	...	...	...
d d	Stotfold (Three Counties Hospital)	..	..	TL(52)203350	200	21.7	17.59	113	83	27.54	177	117
D D	SILSOE (Wrest Park)	..	.. (+A)	TL(52)091358	195	22.5	18.14	128	96	28.67	190	130
D D	Arlesey (Sewage Works)	..	..	TL(52)190363	141	22.7	18.11	121	93	27.35	171	129
D D	Stotfold (Sewage Works)	..	..	TL(52)209384	130	...	17.50	122	90	28.41	184	123
D D	Ampthill (Lyme Road)	..	..	TL(52)031378	300	...	19.96	130	92	30.57	200	136
M	Shefford (Clifton Close)	..	..	TL(52)163392	90	22.1	...	...	...	30.16	...	...
D D	Biggleswade (New Spring Pump. Stn.)	..	..	TL(52)210416	175	21.9	18.59	132	93	27.95	195	130
D D	CARDINGTON	..	.. (+A)	TL(52)083464	75	20.8	17.66	130	94	28.88	183	123
	Kempston	..	..	TL(52)033477	125	22.5	19.31	122	89	30.92	183	132
d d	Potton (Sewage Works)	..	..	TL(52)221485	111	22.5	16.78	...	91	29.38	...	133
D D	Sandy (Moggerhanger Park)	..	..	TL(52)134486	152	22.8	18.42	124	100	30.65	185	138
d d	Tempsford	..	..	TL(52)161535	57	...	15.94	...	...	30.12	...	...
D	Bedford (Castle Road)	..	..	TL(52)057498	100	22.6	...	...	...	33.44	179	138
d d	Bedford (Kimbolton Road)	..	..	TL(52)055505	85	...	18.26	118	95	30.58	166	129
d d	Bromham (The Old Smithy)	..	..	TL(52)010506	110	...	18.94	120	96	31.38	178	138
D D	Bedford (Bedford Park)	..	.. (+A)	TL(52)051510	117	20.8	18.15	135	96	29.45	179	130
D D	Bedford Reservoir	..	..	TL(52)043513	235	...	18.97	131	94	30.98	186	136
d	Goldington (Castle Mill House)	..	..	TL(52)091509	79	21.4	16.64	117	91	...	...	...
D D	GOLDINGTON (The Risings)	..	..	TL(52)074511	107	...	18.39	137	96	31.51	186	135
D D	Bedford (Renhold)	..	..	TL(52)087529	168	22.5	16.90	139	91	29.72	192	131
d d	Pavenham	..	..	SP(42)982555	200	23.9	16.99	...	...	29.02	...	...
d d	R.A.E. Bedford	..	..	TL(52)049597	279	...	17.32	...	...	32.24	...	...
D D	Souldrop	..	..	SP(42)984615	300	...	19.20	125	92	34.94	183	143
4.—NENE. 7 sq. mi.												
CAMBRIDGESHIRE. (Area, 863 sq. mi.)												
1.—STOUR. 17 sq. mi.												
2.—OUSE. 741 sq. mi.												
D D	Ashwell (Odsey)	..	..	TL(52)293383	256	23.3	20.02	142	103	30.28	199	139

DIVISION III—SOUTH MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CAMBRIDGESHIRE—(contd.)					ft.	in.	in.			in.		
2.—OUSE—(contd.)												
d D	Abington Pigotts Hall	.. ..	TL(52)304446	98	23·2	19·49	124	99	29·60	171	137
d D	Melbourne (County School)	.. ..	TL(52)381447	85	23·2	18·83	155	96	27·45	200	128
d	Duxford Airfield	.. ..	TL(52)460460	97	...	...	...	...	27·06	...	...
d D	Great Shelford Vicarage	.. ..	TL(52)459519	50	...	20·33	130	92	27·22	185	119
d D	Fulbourn (Fleam Dyke)	.. ..	TL(52)540549	99	21·4	21·04	137	92	28·32	175	117
d d	Fulbourn (Hospital)	.. ..	TL(52)499563	72	21·7	20·31	...	...	(30·50)	...	...
d d	Cambridge (Grantchester Meadows)	.. ..	TL(52)443571	35	21·8	17·82	136	90	30·08	200	129
d d	Cambridge (Corporation Store Yard)	.. ..	TL(52)464579	52	21·0	19·44	130	97	28·32	173	114
d D	CAMBRIDGE (BOTANIC GARDENS)	.. ..	TL(52)453572	41	21·7	19·73	128	90	28·52	174	119
d D	Cambridge (Corporation Pump. Stn.)	.. ..	TL(52)466593	42	20·6	19·31	125	91	28·88	171	123
d D	Cambridge (Woodlark Road)	.. ..	TL(52)436602	62	...	19·69	121	97	31·27	170	123
d D	CAMBRIDGE (N.I.A.B.)	.. ..	TL(52)434604	85	21·5	18·71	117	90	28·57	167	115
d D	Dullingham (Stetchworth Park)	.. ..	TL(52)643591	270	23·3	20·06	128	99	29·95	171	126
d D	Quy Hall	.. ..	TL(52)514611	18	...	20·95	146	94	31·55	196	130
d D	Milton (Fen Road)	.. ..	TL(52)483625	20	...	19·88	141	91	31·24	192	121
d D	BOXWORTH	.. ..	TL(52)347639	157	21·4	19·07	138	94	28·56	188	119
d D	Boxworth (Manor House)	.. ..	TL(52)352645	75	23·8	20·19	133	102	30·01	184	126
d D	Swaffham Prior Vicarage	.. ..	TL(52)566639	44	...	19·61	137	87	28·61	184	114
d d	Oakington Airfield	.. ..	TL(52)411660	34	...	16·31	...	...	27·32	...	...
d d	Waterbeach (Bottisham Lock)	.. ..	TL(52)509657	10	20·2	18·87	...	91	31·63	178	130
d d	Waterbeach Airfield	.. ..	TL(52)490665	17	...	17·94	...	...	31·52	...	...
d D	Cottenham (Bernard House)	.. ..	TL(52)452678	30	22·7	18·54	157	91	29·24	204	125
d D	Fordham (Carter Street)	.. ..	TL(52)623711	30	21·1	19·79	122	91	28·55	170	125
d D	Bluntisham (Brownhill Staunch)	.. ..	TL(52)370728	10	21·2	17·10	123	91	29·51	165	122
d D	Strettham (Engine House)	.. ..	TL(52)516729	13	19·9	16·54	109	81	28·02	153	109
d	Little Thetford (Pumping Station)	.. ..	TL(52)535758	...	...	...	...	...	29·68	...	...
d D	Ely (Roswell Pits)	.. ..	TL(52)560805	114	22·0	18·28	130	86	28·00	171	116
d d	Ely (Prickwillow)	.. ..	TL(52)597825	10	23·0	19·01	113	86	27·69	151	121
d d	Littleport (Highfield House)	.. ..	TL(52)564864	67	20·8	17·11	110	82	25·21	...	...
d d	Chatteris (The Vicarage)	.. ..	TL(52)395858	30	21·6	16·70	154	95	28·48	...	127
d D	Chatteris (Paddock Bridge)	.. ..	TL(52)351880	5	20·9	15·56	121	89	26·03	168	122
d	Ransommoor (Pumping Station)	.. ..	TL(52)358922	0	...	...	...	...	31·65	...	...
d D	Whittlesey (Ashline Sluice)	.. ..	TL(52)272962	15	21·5	16·15	131	99	26·87	196	133
d d	Ponders Bridge (Pumping Station)	.. ..	TL(52)262924	3	...	16·85	107	86	27·56	...	...
d D	March	.. ..	TL(52)420967	8	23·1	17·99	124	92	27·58	171	128
d D	Upwell (Marmont Priory Lock)	.. ..	TF(53)489012	10	20·7	15·82	141	88	24·98	201	126
3.—NENE. 105 sq. mi.												
d D	Stanground Sluice	.. ..	TL(52)209973	15	21·7	17·58	117	87	29·95	188	123
d D	Thorney Toll (Elm Tree Farm)	.. ..	TF(53)353026	4	21·8	16·88	...	82	26·54	147	127
d D	Thorney (North House)	.. ..	TF(53)307034	4	21·1	15·41	110	80	26·71	183	124
d d	Thorney (Nuts Grove Farm)	.. ..	TF(53)328058	12	20·8	16·11	...	86	27·16	158	138
d D	Parson Drove (Clough's Cross)	.. ..	TF(53)369094	6	21·3	17·03	124	86	27·74	176	127
d	Wisbech (Tydd Manor)	.. ..	TF(53)429166	9	20·7	...	...	...	27·90	178	138

DIVISION IV—EASTERN COUNTIES

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

1.—THAMES. Lea. 132 sq. mi.

d D West Ham (Abbey Mills)	TQ(51)387832	15	24·2	18·20	116	97	30·31	177	132
d D Leyton (Sewage Works) .. (+ A)	TQ(51)376862	26	24·1	19·47	131	102	30·42	185	138
d D Lea Bridge (Waterworks)	TQ(51)359867	23	23·0	18·86	128	96	30·21	176	128

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
ESSEX—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—THAMES—(contd.)									
D D Walthamstow (Ferry Lane)	TQ(51)350892	30	23·2	16·69	125	93	28·58	179	133
D D §Woodford (Haggar Lane)	TQ(51)392901	176	24·5	19·36	123	97	33·06	186	135
D D §Buckhurst Hill Reservoir	TQ(51)407938	275	25·1	19·92	131	102	32·40	190	146
D D Chingford (Crescent Road)	TQ(51)397946	200	24·5	21·55	132	105	33·18	206	148
D D Chingford Mill	TQ(51)363925	40	23·6	18·61	121	94	28·62	183	129
D D §Loughton (High Beech Reservoir) ..	TQ(51)410980	376	26·5	21·25	130	105	31·27	190	149
D Waltham Abbey (Pumping Station) ..	TL(52)375003	62	23·9	...	...	...	28·80	178	132
D D Waltham Abbey (Gunpowder Factory)	TL(52)375013	64	24·3	19·27	135	103	31·72	209	141
D D Roydon Pumping Station	TL(52)412102	120	23·3	19·09	134	96	28·01	194	131
D D Spellbrook Lock	TL(52)490176	172	23·5	18·72	128	95	32·88	185	141
D D White Roding (Colville Hall)	TL(52)554135	260	...	19·56	149	102	32·31	213	142
D D Hatfield Broad Oak (Barrington) ..	TL(52)553177	300	25·2	18·35	133	102	32·10	200	146
D D ¶STANSTED Airport (+ A)	TL(52)531226	330	...	19·13	137	95	31·01	189	136
D D Stansted Nurseries	TL(52)509242	275	25·8	21·08	131	98	31·22	195	141
D D Stansted (Burton Bower)	TL(52)526241	335	...	19·64	140	100	30·07	197	143
D D Maunden	TL(52)482263	320	...	21·39	126	97	29·61	185	135
2.—THAMES.									
Roding & c. 316 sq. mi.									
D D Tilbury (Grays Sewage Works) ..	TQ(51)654758	9	20·4	16·45	122	91	30·92	195	131
d d Tilbury (Beaconsfield Road)	TQ(51)640765	6	20·9	15·45	...	77	31·50	...	...
d Grays (Connaught Avenue Depot) ..	TQ(51)620796	80	20·5	15·57	...	...	...	...	...
D Stifford (Pumping Station)	TQ(51)590802	15	...	...	...	...	29·25	201	127
D D Rainham (Riverside Sewage Works) ..	TQ(51)516823	5	21·8	15·91	138	96	28·03	179	114
D D Dagenham (Marley School)	TQ(51)496839	10	23·0	16·62	135	102	29·41	188	127
d d Orsett Hall	TQ(51)652825	70	22·3	16·82	...	89	29·59	147	121
D Barking	TQ(51)446830	5	22·4	13·82	116	86	...	...	...
d East Ham Well	TQ(51)437842	17	22·2	...	...	...	28·26	...	...
D D CORYTON	TQ(51)746823	9	...	14·60	129	95	26·85	165	120
D D Canvey Island	TQ(51)786832	15	21·2	15·68	125	93	25·12	178	126
D Upminster (Little Gaynes Gardens) ..	TQ(51)553855	70	22·5	17·02	136	93	...	...	...
d Upminster (Cranbrook)	TQ(51)566859	112	...	...	...	...	28·40	...	...
d Upminster (Howard Road)	TQ(51)562868	80	...	...	...	...	28·37	...	...
d d Ilford (Loxford Park)	TQ(51)442852	30	...	16·79	...	...	31·66	...	...
D Corporation Salvage Depot, Dagenham	TQ(51)495867	51	...	...	...	...	27·63	184	120
d d Ilford (Goodmayes Park)	TQ(51)468868	38	...	14·58	...	...	29·90	...	...
d d Ilford (Valentines Park) (+ A)	TQ(51)435872	43	22·7	15·88	...	...	32·05	...	...
d d Ilford (Seven Kings Park)	TQ(51)455881	57	...	18·65	...	...	30·76	...	...
d d Ilford (Clayhall Park)	TQ(51)425893	109	24·0	17·66	...	...	32·33	...	...
D D Ilford (Hainault)	TQ(51)449918	121	...	17·33	145	102	30·98	213	140
D D SOUTHEND (The Cliffs)	TQ(51)878858	90	21·1	14·81	128	93	29·41	192	135
d d Southend (Waterworks)	TQ(51)874853	123	21·1	15·96	...	...	28·92	...	...
D D Vange (Pumping Station)	TQ(51)709860	43	20·9	17·42	135	93	29·52	194	144
d d Manor Park (City of London Cem.) ..	TQ(51)418863	60	22·7	17·23	...	...	32·64	183	128
D D Horndon (Eastern Sewage Works) ..	TQ(51)606867	23	20·4	18·07	123	105	28·95	186	129
D D Hornchurch	TQ(51)537875	44	22·0	16·35	127	96	26·78	171	120
D D Wanstead (Red Bridge)	TQ(51)415882	25	22·7	16·85	131	97	30·55	183	128
d d Romford (Danes Road)	TQ(51)502879	55	...	15·95	...	...	27·17	...	...
D D Romford (Raphael Park) (+ A)	TQ(51)518901	109	22·5	15·68	125	93	28·56	191	127
D D §Harold Wood (Recreation Ground) ..	TQ(51)549901	93	21·9	16·11	125	93	29·25	179	128
d d Woodford (Eastern Sewage Works) ..	TQ(51)417907	43	...	15·47	...	76	29·52	...	127
d D Loughton (The Summit)	TQ(51)429977	314	25·0	20·18	...	105	32·61	173	148

§ Turf wall around gauge.

¶ Gauge over-exposed.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
ESSEX—(contd.)					<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
2.—THAMES—(contd.)												
D D	Theydon Bois (Thriffs Hill)	..	..	TQ(51)457987	245	...	17·36	140	98	30·57	195	130
D D	Theydon Bois (Birch Hall)	..	..	TQ(51)439993	300	24·4	19·12	132	100	32·63	171	138
D d	Harlow (Hustingwood)	..	..	TL(52)479071	322	...	20·28	140	104	34·65	...	...
D	Fyfield	..	..	TL(52)574078	168	...	...	...	...	33·17	192	134
d d	Great Canfield	..	..	TL(52)582185	270	24·1	17·91	...	88	31·01	...	...
3.—CROUCH. 186 sq. mi.												
D D	Thorpe Bay	..	..	TQ(51)916861	25	...	16·83	131	94	29·82	184	134
D D	SHOEBURYNESSE	..	(+A)	TQ(51)948857	11	20·3	15·88	130	91	30·04	182	128
D D	Oakwood Reservoir	..	..	TQ(51)823882	222	...	17·63	128	105	30·04	184	140
D	Basildon New Town	..	(+A)	TQ(51)705888	95	...	16·61	138	99	...	...	...
d d	Rayleigh (Alanbank)	..	..	TQ(51)800902	262	23·1	17·17	139	101	31·15	203	141
D	Basildon (Sewage Works)	..	..	TQ(51)737908	40	...	...	...	...	29·16	189	130
D D	Wickford (Dollymans Farm)	..	..	TQ(51)772921	45	...	16·34	119	93	29·19	165	129
D D	Potton Island	..	..	TQ(51)949903	5	22·1	16·20	132	102	30·19	184	138
d d	Burnham (Fisheries Laboratory)	..	..	TQ(51)947957	0	20·6	16·30	...	...	29·31	186	127
d d	Burnham Wick Farm	..	..	TQ(51)962958	5	21·3	14·88	...	...	29·58	...	118
d d	Battlesbridge	..	..	TQ(51)777956	75	...	17·06	...	...	31·13	160	126
4.—BLACKWATER. 425 sq. mi.												
D D	Hanningfield (Downham Pumping Stn.)	..	..	TQ(51)723970	183	...	17·91	127	105	31·64	206	136
D D	Hanningfield Reservoir	..	..	TQ(51)744991	159	22·9	17·49	123	101	31·07	173	133
D D	Margaretting (Writtle Park)	..	..	TL(52)649038	308	24·7	19·62	128	108	32·93	183	144
D D	Chelmsford (Galleywood)	..	..	TL(52)712042	190	23·7	19·91	142	110	33·31	210	141
D D	Chelmsford (Longstomps Reservoir)	..	..	TL(52)703045	225	23·7	20·06	134	103	33·11	203	136
D D	Bradwell-on-Sea (Bellropes)	..	..	TL(52)979054	80	22·0	16·76	127	96	31·21	196	142
D D	WRITTLE	..	..	TL(52)677069	105	23·1	16·91	122	95	29·60	174	126
D D	§MALDON	..	..	TL(52)863065	14	20·7	16·64	149	100	30·30	219	128
D D	Chelmsford (Sandford Mill W.W.)(+A)	..	..	TL(52)738060	68	21·8	18·34	132	99	30·83	191	121
D D	Hatfield Peverel (Rushes Lock)	..	..	TL(52)795090	40	22·1	18·85	142	107	32·53	213	140
d d	Langford (Treatment Plant)	..	..	TL(52)826095	40	21·8	17·45	...	...	32·72	...	...
D D	Hatfield Peverel (Butlers)	..	..	TL(52)805101	130	21·5	17·48	118	96	30·35	176	121
D D	Witham (Wickham Hall)	..	..	TL(52)830105	70	21·4	19·23	122	104	34·29	190	155
D D	Hatfield Peverel (Lower Farm)	..	..	TL(52)808108	95	21·4	17·58	122	91	32·16	190	131
d d	Hatfield Peverel (Whitelands)	..	..	TL(52)783135	130	22·6	19·88	153	109	31·95	...	...
D D	Great Totham	..	..	TL(52)853121	190	23·1	18·52	134	105	31·07	195	140
D D	Witham (Faulkbourne Hall)	..	..	TL(52)803165	80	22·6	18·33	130	102	30·89	208	139
D D	Little Leighs (Kelle)	..	..	TL(52)719183	192	22·8	17·88	131	95	30·55	195	136
d d	Kelvedon (Harboro Hall)	..	..	TL(52)900186	180	22·8	18·02	100	88	29·36	...	...
M	Rivenhall (Park Gate Farm)	..	..	TL(52)823191	145	...	...	...	...	29·09	...	...
D D	Felsted School	..	..	TL(52)676205	240	23·6	19·25	117	98	33·00	180	149
d d	Felsted (Sugar Factory)	..	..	TL(52)664211	200	22·5	18·21	100	85	31·38	173	140
d d	Little Dunmow (Throws)	..	..	TL(52)657224	280	...	17·47	...	...	30·75	...	...
D	Rayne (Haylinghurst)	..	..	TL(52)736222	230	...	...	...	...	29·15	157	125
D D	Braintree (Coggeshall Road)	..	..	TL(52)772235	222	24·2	21·13	127	103	30·08	190	137
D D	Bocking Church Street	..	..	TL(52)760260	207	...	19·45	135	97	29·07	194	139
D D	Shalford (Littles)	..	..	TL(52)710273	262	24·0	17·87	131	93	28·53	196	135
d d	Great Bardfield (Great Lodge)	..	..	TL(52)694290	260	...	16·21	135	92	...	...	...
D D	Great Bardfield (South Lodge)	..	..	TL(52)674304	250	23·6	18·24	134	96	29·55	189	126
d d	Saffron Walden (Sewards End)	..	..	TL(52)571383	395	...	20·82	...	...	31·90	212	135
5.—COLNE & C. 283 sq. mi.												
D D	§CLACTON-on-Sea (Hospital Site)	..	..	TM(62)172143	53	21·5	15·20	120	88	29·54	179	133

§ Turf wall around gauge.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
ESSEX—(contd.)											
5.—COLNE & C.—(contd.)											
D D	\$Clacton-on-Sea (King's Road)	TM(62)166141	25	...	14·47	119	87	27·99	167	125	
D D	Great Clacton (Clay Hall)	TM(62)181160	30	21·8	15·24	128	88	30·31	191	137	
D D	Tiptree (Waterworks)	TL(52)885167	239	22·5	16·60	133	105	29·87	198	138	
D D	Little Holland (The Sluice House) ..	TM(62)216172	14	21·9	16·39	131	96	32·00	184	136	
D D	Colchester (Laver-de-la-Haye)	TL(52)965196	145	21·6	16·71	130	97	29·73	200	146	
D	\$WALTON-ON-NAZE	TM(62)250220	35	...	16·77	133	96	...	...	...
d d	Colchester (Stanway)	TL(52)961237	120	...	16·05	...	...	29·79	...	...
D	Colchester (Hythe Gasworks)	TM(62)014243	15	22·2	15·85	136	85	...	...	...
D D	Colchester (Castle Park)	TL(52)999255	87	22·6	16·28	120	87	29·68	182	140	
D	Colchester (Waterworks) .. (+A)	TL(52)991254	38	22·8	15·67	131	88	...	...	...
D D	EARLS COLNE (Grammar School) ..	TL(52)858288	168	23·9	16·90	119	96	29·83	179	135	
D D	Ardleigh (Hull Farm)	TM(62)043276	120	...	15·43	127	87	29·65	184	146	
D D	Ardleigh (Vinces Farm)	TM(62)061281	120	22·2	15·87	125	94	31·22	194	153	
D D	Halstead (Attwoods)	TL(52)802298	255	24·5	18·84	126	98	31·13	195	138	
D d	Halstead (Fenn Road)	TL(52)823304	168	...	17·55	123	94	27·50	168	124	
D D	Great Yeldham (The Oak House) ..	TL(52)760385	165	23·4	19·47	131	92	28·80	188	135	
D D	DOVERCOURT	TM(62)242301	11	...	16·02	123	87	30·34	180	129	
6.—STOUR. 110 sq. mi.											
d d	Mistley (The Maltings)	TM(62)108318	30	22·1	16·52	110	90	28·92	167	141	
D D	Dedham	TM(62)071316	115	24·1	15·67	126	95	28·65	184	144	
d d	Nayland (Boxted Lodge)	TL(52)999321	160	23·6	16·13	100	90	29·70	...	141	
d d	Nayland (Boxted)	TM(62)006328	154	23·8	15·99	...	...	29·72	...	...
d d	Nayland (Horkesley Park)	TL(52)978333	105	...	16·48	100	87	28·43	...	...
D D	Manningtree (Lawford Place)	TM(62)095310	113	22·9	16·74	124	98	29·76	189	136	
D D	Bures (Colchester Road)	TL(52)905337	80	...	17·25	140	93	29·11	201	134	
D D	Langham (Waterworks)	TM(62)017342	44	...	14·91	128	87	29·41	180	137	
d d	Halstead (Wickham Hall)	TL(52)827372	250	...	17·27	...	...	26·85	...	...
D D	Sudbury (Belchamp Hall)	TL(52)826407	160	22·9	17·13	120	94	27·46	167	124	
D D	Foxearth	TL(52)836446	158	...	20·79	116	88	31·02	177	138	
7.—OUSE. 80 sq. mi.											
D D	Quendon (Rickling)	TL(52)498314	325	23·8	21·43	139	92	31·28	186	141	
D D	Saffron Walden (Technical School) ..	TL(52)532378	235	23·3	20·55	128	92	29·44	188	128	
SUFFOLK. (Area, 1,489 sq. mi.)											
1.—STOUR. 271 sq. mi.											
D D	EAST BERGHOLT (Flatford Mill) ..	TM(62)077333	14	23·6	16·23	132	89	28·02	186	148	
d d	East Bergholt (Ackworth House) ..	TM(62)065350	145	23·1	15·99	116	91	30·71	185	145	
D D	Little Cornard (Moss Cottage) ..	TL(52)899365	145	22·2	14·13	121	86	29·02	175	133	
D D	Sudbury (Edwardstone)	TL(52)943422	185	24·5	17·04	124	93	30·61	185	147	
D D	Sudbury (Waterworks)	TL(52)869423	180	23·2	18·07	129	99	28·54	184	139	
D D	Layham (Holbecks)	TM(62)019417	170	24·5	17·25	132	89	31·98	187	145	
D D	Hadleigh (Linden Lea)	TM(62)035423	185	24·8	16·96	142	92	31·30	198	152	
D D	Haverhill (Waterworks)	TL(52)660452	280	24·7	21·07	135	101	32·65	183	145	
D D	Long Melford (Westgate House) ..	TL(52)862466	141	23·6	19·78	132	93	28·52	183	132	
d d	Long Melford (Stafford Works) ..	TL(52)847456	113	...	18·02	105	82	26·28	...	...
D D	Clare (Little Wrattling)	TL(52)700475	296	23·4	19·20	136	93	31·73	185	132	
D	Chelsworth	TL(52)983482	125	...	...	...	...	31·32	196	145
D D	Boxted Hall	TL(52)827506	160	23·9	19·59	131	97	29·71	178	132	
d d	Stradishall Airfield	TL(52)723517	386	...	19·89	...	...	31·32	...	110

§ Turf wall around gauge.

\$ Gauge over-sheltered.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SUFFOLK—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—STOUR—(contd.)									
d d Hartest (Chadacre Agric. Inst.) ..	TL(52)853521	244	...	19.09	...	...	29.74	...	...
d d Cockfield	TL(52)899557	270	24.2	18.16	108	94	31.25	170	139
D Wickhambrook	TL(52)752545	260	...	18.03	136	96	...	...	...
2.—ORWELL. 166 sq. mi.									
D D IPSWICH (BELSTEAD Hall) .. (+ A)	TM(62)127413	125	23.5	16.76	143	92	28.77	201	148
d d Ipswich (West End Depot)	TM(62)151443	14	...	15.19	103	83	28.94	174	128
d \$Ipswich (Museum)	TM(62)161449	72	...	...	...	...	27.33	192	140
D D Ipswich (Park Road Reservoir) ..	TM(62)163457	186	24.4	15.89	123	88	31.11	170	138
d d Ipswich (Limerick Close) .. (+ A)	TM(62)140469	116	...	14.94	93	77	32.55	...	...
d Elmsett (Laurel Cottage)	TM(62)060465	230	...	...	...	...	27.87	169	129
D D Ipswich (Westerfield Pumping Station)	TM(62)165482	120	24.1	15.66	130	95	31.14	197	146
D D Ipswich (Whitton Pumping Station) ..	TM(62)153483	80	25.0	16.51	127	90	31.41	191	142
D WATTISHAM	TM(62)026514	292	...	...	...	...	28.49	185	137
D D Coddensham (Cousins Hill)	TM(62)115553	160	25.8	16.20	125	96	33.14	181	149
d d \$Old Newton	TM(62)051630	206	24.3	16.35	110	88	29.96	...	139
3.—DEBEN & C. 466 sq. mi.									
D D FELIXSTOWE (Airfield) (+ A)	TM(62)286328	10	20.9	15.39	127	86	29.73	192	138
d d Hollesley	TM(62)353451	53	...	17.26	...	92	33.53	180	153
d Ipswich (Daleacre)	TM(62)194456	140	24.6	15.73	134	87	31.23	194	135
d D Martlesham (Beacon Hill)	TM(62)246473	100	24.0	17.28	109	90	34.48	179	142
d Woodbridge (Warren Hill Road) ..	TM(62)264487	100	24.2	16.96	118	89	...	...	...
D D Orford (Butley Abbey Farm)	TM(62)375491	27	23.6	16.86	121	86	33.69	180	140
D D Melton (Greylands)	TM(62)285507	40	24.6	18.09	126	94	34.21	199	147
d Melton	TM(62)282506	30	...	17.39	...	...	...	...	...
d D Melton (St. Audry's Hospital)	TM(62)283516	90	...	15.88	116	84	30.47	187	142
D D Grundisburgh (Bridge House)	TM(62)230502	50	24.3	17.68	124	96	32.87	187	151
D D Orford (Sudbourne Park)	TM(62)407511	27	24.3	18.45	133	99	36.33	207	158
d d Burgh (Seven Gardens)	TM(62)231516	150	...	17.10	130	90	32.75	...	...
d d Aldeburgh (Haven Sluice)	TM(62)468583	5	23.6	19.13	128	84	35.20	...	...
d d Charsfield (Red House)	TM(62)243567	150	24.6	15.92	121	89	31.72	168	136
D D Campsea Ashe	TM(62)339554	50	23.8	17.09	115	91	32.41	179	148
d d Kettleburgh (Home Farm)	TM(62)258602	110	...	18.12	118	96	36.99	184	151
D D Blaxhall	TM(62)366565	50	25.5	18.13	121	91	34.42	193	151
D D \$Aldeburgh (Iken Way)	TM(62)444573	10	22.8	17.95	132	86	32.60	194	145
d d Framlingham (Sewage Works)	TM(62)284624	90	25.4	16.10	106	81	35.37	...	...
D D Leiston (Upper Abbey)	TM(62)453645	30	22.6	17.41	125	90	30.72	204	145
d D Southwold	TM(62)507758	1	...	17.62	...	...	34.41	180	145
D D Wrentham (Covehithe)	TM(62)524818	25	22.9	17.05	123	85	32.80	182	140
d d Benacre (Pumping Station)	TM(62)536845	10	22.5	17.79	...	...	33.85	...	...
d D Sotterley Hall	TM(62)461852	50	...	17.33	113	95	32.88	170	147
4.—YARE & C. 208 sq. mi.									
D D LOWESTOFT (Secondary School)	TM(62)543947	82	23.6	17.47	120	88	34.98	181	150
d d Lowestoft (St. Margaret's Road) ..	TM(62)548942	80	23.2	17.98	...	...	33.65	...	...
D d Corton Vicarage	TM(62)542975	51	23.9	17.69	129	91	31.99	...	...
D D Herringfleet House	TM(62)463986	55	25.7	19.00	131	94	34.79	199	152
D D Lound (Pumping Station)	TG(63)501008	33	24.0	18.65	124	97	32.44	183	152
d Hopton (Hopton House)	TM(62)521998	100	23.9	18.85	...	90	...	...	...
D D Fritton Warren	TM(62)463998	42	25.2	19.47	123	87	35.49	205	150

§ Turf wall around gauge.

\$ Gauge over-sheltered.

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SUFFOLK—(contd.)											
5.—OUSE. 378 sq. mi.											
D D	Bury St. Edmunds (Corp. Depot) (+ A)	TL(52)850643	181	24·9	19·02	124	93	32·50	180	137	
D D	Newmarket (Sewage Outfall)	TL(52)635648	81	23·5	21·20	124	96	28·87	156	121	
d d	Moulton (Pumping Station)	TL(52)698645	135	24·4	19·49	...	...	31·07	...	...
d d	Bury St. Edmunds (Westley Hall) ..	TL(52)825647	226	26·1	19·22	...	90	32·32	...	...
d d	Bury St. Edmunds (Beet Sugar Factory)	TL(52)862664	160	24·8	19·06	127	96	31·23	...	...
d	Pakenham (Church Hill)	TL(52)928670	155	...	15·95	117	85	...	...	...
d d	Bury St. Edmunds (Barton Lodge) ..	TL(52)884664	200	24·4	19·47	110	91	31·20	163	133	
d d	Bury St. Edmunds (Troston Hall) ..	TL(52)899717	133	23·8	17·72	...	...	28·57	...	...
d d	Mildenhall (Worlington)	TL(52)684729	30	22·7	17·67	...	...	27·84	191	131
d d	Mildenhall (Eriswell Pumping Station)	TL(52)729761	30	24·5	18·14	...	...	26·88	...	...
D D	MILDENHALL Airfield (+ A)	TL(52)683778	15	21·6	17·80	123	93	26·20	170	122	
D D	Isleham Lock	TL(52)649761	10	20·9	19·55	130	101	27·06	186	134	
D D	Elveden Hall	TL(52)822800	130	24·0	18·38	120	93	27·12	159	129	
D D	Brandon (Waterworks)	TL(52)793862	82	26·4	20·36	125	95	29·46	183	129	
D	Santon Downham	TL(52)815879	20	...	...	...	...	30·33	183	133
NORFOLK. (Area, 2,041 sq. mi.)											
1.—YARE. 658 sq. mi.											
D D	Diss (Roydon Hall)	TM(62)094807	140	25·7	18·18	121	102	31·05	184	155	
D D	Diss (Bressingham Hall)	TM(62)079805	100	25·6	18·30	131	97	31·35	199	147	
	Harleston (Starston)	TM(62)241844	120	25·6	18·36	135	94	29·96	202	139	
d d	Ditchingham	TM(62)341906	25	25·7	16·82	...	...	30·63	...	...
d d	Bungay (Broome Rectory)	TM(62)349924	50	...	(16·88)	119	89	30·64	196	148	
d d	Beccles (Raveningham Hall)	TM(62)399966	60	25·4	16·57	...	86	30·81	...	135	
D D	Wymondham (Browick Hall)	TG(63)130015	140	26·6	18·83	127	89	29·34	176	138	
D D	GORLESTON (Coastguard Station) ..	TG(63)534037	5	23·9	18·65	128	89	31·71	185	147	
d	Norwich (Cringford)	TG(63)192066	75	25·5	20·10	128	102	...	...	...
D D	Norwich (City Cemetery)	TG(63)212086	93	25·6	18·00	133	93	31·01	185	148	
D	Norwich (Waterworks Road W.W.) ..	TG(63)214096	34	...	...	...	...	27·38	180	146
d d	Norwich (Marlingford Hall)	TG(63)127081	83	26·3	18·42	109	89	27·47	...	136	
	Great Fransham	TF(53)897133	230	28·8	24·52	...	...	33·05	193	147
D d	East Dereham (The Laboratory) ..	TF(53)994132	200	26·3	23·58	124	95	32·26	...	142	
D D	Taverham (Deighton Hills)	TG(63)162143	100	25·7	19·27	136	82	30·12	187	133	
d d	Sparham Hall	TG(63)072187	100	25·9	18·46	129	116	28·88	181	145	
D D	WEST RAYNHAM Airfield (+ A)	TF(53)847245	240	...	21·30	139	103	30·24	182	135	
D D	Cawston (Rectory)	TG(63)134238	152	27·2	20·18	159	98	31·37	202	147	
D D	Colkirk Hall	TF(53)925266	210	28·2	22·81	144	96	30·85	189	132	
D D	Fakenham (Sapelli)	TF(53)921296	150	...	22·25	147	98	31·40	187	144	
2.—YARE. Bure & c. 368 sq. mi.											
D D	BURLINGHAM (Horticultural Stn.) ..	TG(63)373101	89	24·8	17·40	127	93	30·13	183	138	
D d	Great Yarmouth	TG(63)527086	10	...	18·64	117	89	30·01	...	141	
D D	SPROWSTON	TG(63)251123	93	25·4	18·13	152	93	32·18	201	149	
d	Horsham St. Faith Airfield	TG(63)220131	98	...	17·55	...	...	...	...	...
d	Caister Hall	TG(63)503121	30	...	...	...	...	31·55	...	...
D D	Yarmouth (Ormesby St. Michael) ..	TG(63)468152	22	25·1	18·75	146	104	33·63	192	158	
D D	Horning (Pumping Station)	TG(63)358164	9	24·7	16·84	124	95	30·59	182	148	
d d	Haynford (Grove Cottage)	TG(63)232177	50	26·3	17·99	118	91	29·72	...	...

DIVISION IV—EASTERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORFOLK—(contd.)											
2.—YARE—(contd.)											
d d	Wroxham (Barton Hall)	.. ..	TG(63)354221	25	...	18·90	...	75	32·14	...	140
d d	Aylsham (Woodgate House)	.. ..	TG(63)183261	100	27·3	20·93	159	98	30·59	194	134
d d	Aylsham (The Mount)	.. ..	TG(63)189271	90	...	20·09	150	95	30·65	199	136
d d	Aylsham (Banningham Road)	.. ..	TG(63)207284	80	27·8	19·82	132	95	30·44	187	134
d d	Aylsham (Mill House)	.. ..	TG(63)197274	50	27·0	19·59	137	99	30·70	184	141
d d	Hindolveston (Hope House)	.. ..	TG(63)042295	190	...	25·34	133	93	34·81	176	137
d d	Edingthorpe (The Warren)	.. ..	TG(63)304311	100	...	20·40	145	102	32·11	195	134
d d	Erpingham (Wolterton Park)	.. ..	TG(63)164318	115	28·1	21·34	126	99	35·24	181	146
3.—STIFFKEYS & C. 290 sq. mi.											
d d	Sandringham House Gardens	.. ..	TF(53)695288	121	27·2	21·87	135	104	32·97	191	149
d d	Fulmodestone School	.. ..	TF(53)994309	214	27·3	23·53	113	99	29·39	156	141
d d	Holt (Brinton Grange)	.. ..	TG(63)037354	140	26·7	21·58	135	96	30·20	177	130
d d	Cromer (Northrepps Hall)	.. ..	TG(63)232399	200	26·5	23·43	152	106	34·65	197	145
d d	CROMER (Howards Hill)	.. ..	TG(63)208422	178	24·5	23·33	139	99	31·79	185	137
d d	Cockthorpe (The Old House)	.. ..	TF(53)983422	120	23·4	23·19	119	89	(30·28)	...	...
d d	Burnham Market (School House)	.. ..	TF(53)833422	50	24·3	20·80	144	97	30·21	192	136
d d	Sheringham (Pine Grove)	.. ..	TG(63)165425	70	26·4	23·03	148	100	31·63	201	140
d d	Wells (Outfall Sewage Works)	.. ..	TF(53)912440	8	23·5	21·96	144	94	27·42	194	126
d d	Wiveton (Glaven Corner)	.. ..	TG(63)042426	25	26·1	22·21	152	105	29·15	198	135
d d	Holme-next-Sea (Holme House)	.. ..	TF(53)701435	10	22·2	19·36	137	95	30·97	193	143
4.—OUSE & C. 709 sq. mi.											
d d	Thetford (Kilverstone Hall)	.. ..	TL(52)891841	55	...	21·89	127	96	33·25	183	145
d	Thetford (Waterworks)	.. ..	TL(52)864846	165	24·6	19·42	113	80	...	...	...
d d	SANTON DOWNHAM	.. ..	TL(52)813901	80	...	21·21	123	92	30·19	185	134
d	West Tofts	.. ..	TL(52)836920	100	...	...	...	...	29·26	...	...
d d	Denton Lodge (Pumping Station)	.. ..	TL(52)753920	120	24·8	20·04	134	101	27·50	203	147
d d	Southery (Pumping Station)	.. ..	TL(52)613932	0	...	17·38	138	96	27·52	185	126
d	Capsholm (Pumping Station)	.. ..	TL(52)685970	5	...	...	...	...	27·94	179	140
d d	Denver Sluice	.. ..	TF(53)587009	10	22·8	17·30	117	94	28·10	...	119
d d	Downham (Dial House)	.. ..	TF(53)607031	50	23·8	18·34	128	96	28·41	162	122
d d	Outwell (Well Creek Sluice)	.. ..	TF(53)529029	16	31·3	17·17	...	88	25·97	...	124
d d	Stow Bardolph (Stow Fen P.S.)	.. ..	TF(53)598058	8	...	17·51	...	92	27·46	...	128
d d	Stow Bridge (Crabb's Abbey)	.. ..	TF(53)600078	8	22·3	16·40	101	87	26·16	...	122
d d	Hilborough Hall Gardens	.. ..	TF(53)827001	80	...	18·97	112	93	30·57	165	144
d d	Swaffham (Cemetery)	.. ..	TF(53)821081	210	...	19·68	118	92	32·56	163	137
d d	MARHAM Airfield	.. .. (+ A)	TF(53)739087	76	...	19·80	134	95	26·28	167	122
d d	Marham (Pumping Station)	.. ..	TF(53)717107	20	24·8	21·40	132	103	27·72	160	133
d d	Narborough Hall	.. ..	TF(53)748130	45	25·4	19·90	119	95	27·06	163	130
d d	Narborough (Narford Hall)	.. ..	TF(53)766139	50	25·9	21·08	118	99	28·79	164	131
d d	Wiggenhall (St. Germans)	.. ..	TF(53)599139	8	...	16·34	...	79	27·12	...	128
d d	Wiggenhall (St. Germans Sluice)	.. ..	TF(53)588143	9	...	16·91	111	89	28·75	169	134
d d	King's Lynn (North Runcton Lodge)	.. ..	TF(53)644163	50	23·2	18·87	138	93	27·53	170	129
d d	TERRINGTON ST. CLEMENT (E.H. Farm)	.. ..	TF(53)547187	13	20·4	17·75	118	88	27·43	176	132
d	Terrington St. Clement (Manor Farm)	.. ..	TF(53)553204	13	21·7	19·15	117	89	...	...	...
d	Gayton	.. ..	TF(53)729194	100	...	20·33	136	95	...	...	...
d d	Gayton (Pumping Station)	.. ..	TF(53)734207	131	...	21·13	133	95	31·23	175	134
d d	Clenchwarton (The Beeches)	.. ..	TF(53)594212	10	22·8	20·03	113	93	28·17	164	131
d d	King's Lynn (Manure Works)	.. ..	TF(53)622188	0	...	19·24	138	90	26·95	186	131
d d	King's Lynn (Freebridge)	.. ..	TF(53)613184	15	22·6	19·39	119	105	27·52	163	140
d	King's Lynn (Technical College)	.. ..	TF(53)626203	14	...	19·58	127	94	...	...	...

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more

DIVISION V—SOUTH-WESTERN COUNTIES

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

		ft.	in.	in.			in.		
1.—LOWER AVON. 383 sq. mi.									
D D Upton Scudamore (Pumping Station) ..	ST(31)862482	305	33·3	33·94	157	123	44·33	211	168
D Westbury (Wellhead)	ST(31)877501	321	...	34·15	171	125	...	...	...
d Westbury (Sec. Modern School) ..	ST(31)869509	230	...	...	...	...	36·74	...	...
D D WEST LAVINGTON (Dauntsey's School)	SU(41)000535	305	30·5	28·73	160	123	41·36	207	163
d Little Cheverell House	ST(31)992539	300	30·2	29·24	...	...	...	...	...
d d Trowbridge (Site No. 3)	ST(31)843562	180	...	30·06	147	121	39·69	200	162
D D Trowbridge (Bowling Green)	ST(31)858577	131	...	27·16	156	130	38·86	204	161
d d Trowbridge (Victoria Road)	ST(31)865588	159	...	28·97	...	...	40·66	...	...
D D Bradford-on-Avon (Iford Manor) ..	ST(31)801588	102	33·2	30·59	150	121	43·60	213	170
D W Bradford-on-Avon (Frome Road) ..	ST(31)825606	108	...	31·50	159	127	42·57	...	...
D D Devizes (Grammar School)	ST(31)999618	420	...	27·99	162	119	42·60	208	164
D D Great Chalfield	ST(31)858633	165	31·0	32·04	184	129	43·75	249	179
d d Melksham (Forest Road)	ST(31)903645	123	...	29·22	138	107	38·17	...	...
d Bowood House	ST(31)974699	306	31·3	...	...	...	39·92	...	...
D D LACOCK (LACKHAM House)	ST(31)923702	160	29·1	27·30	151	117	37·15	205	158
d Corsham (The Grove)	ST(31)871698	300	...	31·73	157	133	...	...	...
D D Chippenham (Waterworks)	ST(31)917728	145	31·1	28·28	162	123	39·38	195	153
d d Colerne Airfield	ST(31)804718	595	...	33·03	...	...	44·20	...	...
D Chippenham (Hardenhuish Res.) (+ A)	ST(31)913752	345	...	30·46	160	124	...	...	...
D D LYNEHAM Airfield (+ A)	SU(41)012786	455	28·8	31·47	155	115	36·66	206	147
D Chippenham (Seagry Mill)	ST(31)956804	178	...	...	...	...	36·43	189	154
d d Hullavington	ST(31)908808	321	...	30·26	...	...	40·43	...	...
D D Chippenham (Littleton Drew)	ST(31)832802	418	31·9	34·76	151	131	44·17	200	164
D D Tockenham Manor	SU(41)040811	400	30·2	29·37	148	116	38·64	212	171
d d Malmesbury (Norton Manor)	ST(31)883846	326	33·2	30·37	126	116	44·80	...	153
D D Malmesbury (Pinkney Park)	ST(31)862872	310	...	30·63	144	116	42·95	180	159
d d Malmesbury (Elm Leaze)	ST(31)936862	260	32·5	31·16	143	120	40·63	202	159
2.—STOUR. 33 sq. mi.									
d d Mere (Charnage)	ST(31)833319	420	35·3	32·37	125	121	47·30	...	...
D D Stourhead	ST(31)778341	600	39·4	37·00	165	131	51·72	218	175
3.—EAST AVON. 554 sq. mi.									
d D Broad Chalke	SU(41)039253	270	36·1	34·03	126	112	47·77	187	162
D D Salisbury (Folkestone Road)	SU(41)139288	190	32·7	31·67	172	125	43·89	219	164
D D Salisbury (Sewage Works) (+ A)	SU(41)149293	147	30·1	31·68	154	122	43·18	202	148
D D \$Salisbury (Atherton House)	SU(41)150307	250	31·0	31·18	162	118	40·15	214	155
D D Wilton (Stone Lodge)	SU(41)094310	175	33·2	36·27	157	129	48·93	209	175
D D Salisbury (Dinton)	SU(41)013316	300	32·1	32·54	135	115	48·10	199	157
D D PORTON (C.D.E.E.) (+ A)	SU(41)210366	363	29·4	30·29	155	121	43·60	214	161
d d Wylde (Fisherton de la Mere)	ST(31)998387	340	32·7	33·86	116	111	45·10	...	159
d d Hindon (Lower Pertwood)	ST(31)883366	600	...	36·34	...	...	47·76	...	...
D Maiden Bradley House	ST(31)803387	630	39·1	35·89	...	...	54·45	191	172
D D BOSCOMBE DOWN Airfield (+ A)	SU(41)172393	417	28·5	29·42	151	114	39·52	202	155
d Upton Lovell (Dunns Trials Ground) ..	ST(31)951409	340	...	...	...	...	44·93	195	...
d d Warminster (Crockerton Pumping Stn.)	ST(31)855423	450	36·9	38·23	128	120	49·21	...	159
D D LARKHILL (School of Artillery) .. (+ A)	SU(41)137444	430	28·3	31·46	159	121	41·67	214	160

\$ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WILTSHIRE—(contd.)				ft.	in.	in.			in.		
3.—EAST AVON—(contd.)											
D d	Shrewton (Maddington)	.. ..	SU(41)068443	285	29·6	31·05	143	119	42·27	...	...
D D	Everleigh (Long Acres)	.. ..	SU(41)201539	560	31·2	33·83	154	125	44·85	223	171
D D	UPAVON Airfield	.. .. (+ A)	SU(41)164547	450	...	29·85	144	119	43·00	203	164
D D	Woodborough (The Manor House)	.. ..	SU(41)115599	410	32·1	31·95	151	128	42·14	217	171
D D	Pewsey (Oare)	.. ..	SU(41)154625	500	...	30·66	158	126	42·20	218	174
D D	Bishops Cannings	.. ..	SU(41)043644	446	31·6	28·08	146	118	41·76	199	161
4.—TEST. 77 sq. mi.											
D D	Redlynch House	.. ..	SU(41)199212	334	...	34·43	147	121	50·05	213	172
d d	Whiteparish (Sarum Quarry)	.. ..	SU(41)219242	345	...	29·30	117	101	46·80	...	...
D D	Ludgershall (Conholt Park)	.. ..	SU(41)326550	720	35·1	34·37	151	118	48·77	215	174
M d	Fosbury Manor	.. ..	SU(41)306585	580	...	35·67	...	...	50·47	...	...
5.—THAMES. Kennet. 169 sq. mi.											
D D	Bishops Canning (Shepherds Shore)	.. ..	SU(41)048667	567	31·7	29·10	162	119	43·00	210	166
D D	MARLBOROUGH College	.. ..	SU(41)185686	424	33·6	34·44	156	118	43·71	217	171
D D	Aldbourne (Manor House)	.. ..	SU(41)260756	435	...	32·19	156	119	43·18	240	171
D	Ogbourne Waterworks	.. ..	SU(41)192763	497	...	...	...	...	38·77	218	149
6.—THAMES. Cole & c. 154 sq. mi.											
D D	Wroughton (Swindon Waterworks)	.. ..	SU(41)151803	448	29·6	29·71	162	117	38·61	224	160
D	Wroughton (Priors Hill)	.. ..	SU(41)147800	510	...	31·10	144	116	...	...	...
D	Chisledon (Hodson House)	.. ..	SU(41)173805	560	30·6	25·88	159	118	...	...	...
D D	Swindon (Town Gardens)	.. ..	SU(41)151835	476	29·0	27·21	146	117	38·07	203	156
D D	Swindon (Ashford Road)	.. ..	SU(41)148838	470	...	29·40	153	116	39·53	191	156
d d	Purton (Harvest Water)	.. ..	SU(41)076875	425	...	26·67	...	...	34·50	...	142
D	Latton Waterworks	.. ..	SU(41)082968	275	...	...	...	...	36·30	209	147
DORSET. (Area, 938 sq. mi.)											
1.—PARRETT. 61 sq. mi.											
D D	Crewkerne (Chedington)	.. ..	ST(31)493059	605	37·2	42·99	159	124	58·13	209	166
d d	Yetminster	.. ..	ST(31)595105	173	...	37·49	188	126	51·06	...	169
d D	Ryme Intrinseca (The Court House)	.. ..	ST(31)581109	232	...	34·88	163	123	44·85	194	150
D	Sherborne (Sewage Disposal Works)	.. ..	ST(31)629154	164	29·7	34·34	157	132	...	...	...
d d	Sherborne (Leafeld Cottage)	.. ..	ST(31)644169	212	31·7	34·29	149	136	48·72	198	181
D D	Sherborne (Barton Gardens)	.. ..	ST(31)628168	285	31·1	33·41	166	129	46·27	218	172
D D	Sherborne (Waterworks)	.. ..	ST(31)646169	200	...	31·34	161	127	44·19	207	157
2.—AXE. 25 sq. mi.											
D D	Forde Abbey	.. ..	ST(31)359052	200	39·2	40·96	146	119	54·41	199	160
3.—FROME & C. 501 sq. mi.											
D D	§PORTLAND BILL Lighthouse	.. (+ A)	SY(30)677684	35	26·6	26·73	142	105	41·34	167	136
d d	Portland (Secondary Modern School)	.. ..	SY(30)687717	310	28·9	28·70	...	...	48·87	...	...
D D	Wyke Regis (Downclose)	.. ..	SY(30)667770	40	...	29·10	145	114	44·33	185	145
D D	WEYMOUTH (Westham)	.. ..	SY(30)676791	16	30·0	30·52	140	116	47·98	182	145

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DORSET—(contd.)											
3.—FROME & C.—(contd.)											
D D	SWANAGE	SZ(40)030794	37	30·6	31·10	138	110	46·53	183	146	
D	Chickerell (Lower Putton)	SY(30)648804	45	...	...	...	...	51·28	188	151
d D	Corfe Castle (Waterworks)	SY(30)960825	35	...	31·95	132	111	51·62	185	161	
D D	Creech Grange	SY(30)911823	228	37·5	35·45	168	126	54·26	218	159	
D D	Abbotsbury (East Cottage)	SY(30)578852	140	32·0	33·14	149	123	47·20	184	156	
d	Abbotsbury (West End)	SY(30)565851	160	31·7	31·34	125	110	...	...	...
D D	Martinstown (The Chantry)	SY(30)648888	270	...	40·26	155	126	57·03	196	161	
D D	Upwey (Friar Waddon)	SY(30)652857	214	35·1	37·09	148	117	50·83	190	157	
D	Upwey (Dorchester Road)	SY(30)669846	145	...	33·45	153	113	...	...	...
d D	Upwey (Elwell)	SY(30)667848	130	...	34·94	137	124	52·86	187	152	
d d	Warmwell	SY(30)749873	134	35·9	36·53	133	115	51·42	...	...
D D	Wareham (Trigon)	SY(30)886889	60	34·2	34·59	161	118	49·17	215	157	
M D	Litton Cheney (Primary School)	SY(30)550902	190	...	35·98	...	...	53·90	200	157
D D	Burton Bradstock (White House)	SY(30)488896	40	...	32·44	144	118	47·44	181	151	
d D	Dorchester (South Court Avenue)	SY(30)692897	240	...	40·97	...	134	58·05	200	168	
D D	Dorchester (Queen's Avenue)	SY(30)688898	270	...	38·20	152	126	54·45	193	164	
D D	Dorchester (Waterworks)	SY(30)684905	312	38·6	41·30	141	127	59·74	191	163	
D	Dorchester (Stinsford)	SY(30)711912	207	...	40·78	142	131	...	...	...
D D	Dorchester (Birkin House)	SY(30)712917	230	...	40·34	143	126	53·90	187	153	
D D	Dorchester (Little Cheam)	SY(30)717928	240	...	40·07	155	123	55·31	207	158	
D D	POOLE (+ A)	SZ(40)027915	18	...	32·51	143	120	49·37	195	165	
D D	Poole (Pitwines Gasworks)	SZ(40)016907	6	...	33·26	136	117	49·88	181	156	
d d	Poole (Henry Harbin School)	SZ(40)012916	30	...	33·22	...	...	48·47	...	...
D	Parkstone (Balmoral Road)	SZ(40)041914	140	...	...	...	...	50·42	209	160
D D	Branksome (Bourne Valley)	SZ(40)060924	80	31·4	35·45	147	121	53·27	196	159	
D D	Bournemouth (Alderney Reservoir)	SZ(40)045950	225	31·5	32·33	144	121	50·87	200	163	
d d	Lyme Regis (Long Close)	SY(30)333923	350	...	35·83	154	120	51·70	...	...
D d	Bridport (Island View)	SY(30)474936	60	33·7	37·26	155	122	47·54	...	...
d D	Bridport (Morcombelake)	SY(30)407943	525	...	36·01	160	121	49·39	212	157	
D D	Morcombelake	SY(30)398948	300	...	39·25	184	129	54·68	219	171	
d d	Bloxworth Heath (Research Nursery)	SY(30)876928	105	...	36·43	158	129	51·73	213	160	
D D	Bere Regis (Doddings)	SY(30)851939	100	...	34·67	162	119	51·95	227	169	
D D	Puddletown Vicarage	SY(30)759944	190	39·4	41·08	141	122	58·56	193	162	
d	Lytchett Matravers (Kit Robins)	SY(30)938954	300	...	33·71	137	119	...	...	...
D D	Beaminster (East Street)	ST(31)482011	183	40·1	41·59	161	132	57·13	208	172	
D D	Minterne	ST(31)659040	170	40·2	43·70	161	136	58·38	207	185	
4.—STOUR. 384 sq. mi.											
D D	Broadstone (Grange Road)	SZ(40)004955	160	33·2	34·91	168	131	54·43	225	172	
d d	Corfe Mullen (The Plantation)	SY(30)976963	210	34·5	35·70	163	124	50·35	...	...
D	Wimborne (Corfe Mullen Waterworks)	SY(30)973981	81	33·8	...	...	...	50·89	202	160
d d	Canford (Knighton Farm)	SZ(40)050976	55	...	33·03	131	115	51·06	...	...
D D	Wimborne (Little Canford)	SZ(40)048994	48	...	34·77	159	123	54·03	223	169	
D D	Wimborne (Stapehill)	SU(41)057000	110	32·8	33·41	141	113	51·04	195	159	
D D	Wimborne (Clevedon Lodge)	SU(41)014001	112	...	35·52	141	125	54·52	227	176	
D D	Wimborne (Ferndown)	SZ(40)074008	75	32·8	33·50	160	122	50·02	214	167	
D	Wimborne (Modern School)	ST(31)998006	170	...	...	...	...	51·82	188	161
D D	Wimborne (Walsford Bridge P.S.)	SU(41)006009	70	33·4	32·57	140	119	52·41	196	166	
D D	Blandford (King's Road)	ST(31)891068	195	34·2	39·23	160	126	50·95	212	157	
D D	Blandford (Bryanston)	ST(31)872067	270	...	43·23	162	135	54·06	208	178	
d	Blandford (Bryanston School)	ST(31)868074	275	...	...	...	...	51·20	...	...
D D	Glanvilles Wootton (Manor House)	ST(31)682085	250	35·3	36·63	176	124	56·37	215	160	
D D	Hazelbury Bryan	ST(31)737099	283	35·8	38·73	161	132	50·51	224	166	
D D	Holwell (Little Westrow)	ST(31)699107	252	34·2	41·06	154	135	53·92	207	172	
D	Okeford (Fitzpaine Pumping Station)	ST(31)810109	230	...	...	...	...	52·70	198	165

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
DORSET—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
4.—STOUR—(contd.)									
D D Child Okeford Manor	ST(31)839128	250	34·8	37·22	147	127	51·98	202	164
d d Sturminster Newton (Stock House) ..	ST(31)721130	270	...	39·78	...	145	59·79	...	185
D Stalbridge (Grove Cottage)	ST(31)736177	330	...	33·34	167	128	...	...	...
D D Shaftesbury (St. Margaret's Marsh) ..	ST(31)821190	184	28·7	30·93	144	114	41·24	211	156
D D Stour Provost (Diamond Farm)	ST(31)792215	260	30·1	32·98	153	117	42·32	194	149
D D Fifehead Magdalen	ST(31)776213	220	...	30·09	139	119	43·83	205	162
D D SHAFTESBURY (Modern School)	ST(31)861228	680	32·9	34·12	135	117	47·71	203	166
D D Gillingham (Malt House)	ST(31)815273	275	31·1	31·39	156	125	43·65	205	162
5.—EAST AVON. 12 sq. mi.									
SOUTH DEVONSHIRE.									
(Area, 1,707 sq. mi.)									
1.—PARRET. 7 sq. mi.									
2.—TAMAR & C. 395 sq. mi.									
D D PLYMOUTH (MOUNT BATTEN) .. (+ A)	SX(20)492529	90	37·9	41·54	157	131	52·46	206	160
D D PLYMOUTH (THE HOE)	SX(20)478537	118	37·8	41·51	158	132	49·90	206	170
D D Plymouth (Drake's Reservoir)	SX(20)481551	149	38·5	42·19	157	128	51·08	208	160
D Plymouth (Freedom Fields)	SX(20)488554	208	39·3	43·90	161	142	...	...	...
D D Plymouth (Hartley Reservoir)	SX(20)486569	321	43·1	46·52	163	133	56·72	206	168
d d Plympton (Little Woodford)	SX(20)531571	80	44·4	49·75	175	144	61·10	224	177
d d Roborough (Maristow Gardens)	SX(20)472640	50	53·0	58·81	...	139	67·44	...	167
d Buckland Monachorum	SX(20)480681	310	...	53·68	174	146	...	...	...
D M Sheepstor (Redstone)	SX(20)558682	760	62·6	65·58	189	164	78·38	...	...
D M Sheepstor (Burrator)	SX(20)553680	755	60·6	65·32	188	163	78·57	...	...
D D Sheepstor (Head Weir)	SX(20)553687	740	62·3	65·63	189	166	79·40	237	210
D D Dousland Reservoir	SX(20)539690	714	57·1	62·16	176	148	75·94	221	177
M M Dartmoor (Deancombe Farm)	SX(20)578687	807	65·8	72·73	...	...	85·86	...	...
D M Dartmoor (Lowery)	SX(20)557694	899	60·3	67·43	187	169	77·14	...	...
M M Dartmoor (Leather Tor Farm)	SX(20)566698	910	62·3	72·89	...	...	83·38	...	...
M M Dartmoor (Siwards Cross)	SX(20)595699	1074	72·0	84·03	...	...	96·62	...	...
d d Horrabridge (Dostabrook)	SX(20)511700	290	53·4	57·21	...	...	69·28	...	...
D TAVISTOCK	SX(20)481746	457	...	54·57	171	149	...	...	...
M M Dartmoor (Double Waters)	SX(20)575723	1165	68·0	70·49	...	...	83·79	...	...
D D Dartmoor (N. Hessary Tor)	SX(20)585735	1401	...	74·88	195	169	86·83	242	216
D D Coryton Manor	SX(20)475848	450	52·1	54·75	179	159	61·95	231	185
D D Werrington Park	SX(20)332872	320	43·7	54·18	175	154	61·72	241	197
D D Sourton (Prewley Treatment Works) ..	SX(20)548910	1057	61·6	66·29	191	162	75·62	231	206
d Okehampton (West Bowerland)	SX(20)541929	850	...	...	...	...	58·24	...	...
D D Holsworthy (Pyworthy Rectory)	SS(21)310022	400	41·5	46·43	184	157	61·22	247	199
D D Holsworthy (Bodmeryic)	SS(21)343040	476	45·3	49·90	192	166	69·42	249	218
3.—ERM & c. 217 sq. mi.									
d D Kingsbridge (West Alvington Reservoir)	SX(20)727438	214	...	41·55	...	135	56·43	186	159
d Yealmpton (Torr)	SX(20)577512	100	43·8	...	...	...	58·74	...	...
d d Loddiswell (Hazelwood House)	SX(20)727522	280	49·7	60·81	...	149	76·18	...	...
D D Wrangaton (Moorhaven Hospital) ..	SX(20)666575	650	61·5	66·82	180	160	83·51	223	186
d d South Brent (Badworthy)	SX(20)685617	550	73·7	82·20	...	161	89·57	...	...
D D South Brent (Didworthy Sanatorium) ..	SX(20)686621	750	70·6	77·67	180	160	91·71	222	195
d d South Brent (Bala Brook) .. (+ A)	SX(20)675627	760	83·6	90·01	188	166	102·35	...	...

¶ Gauge over-exposed.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960				
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more		
SOUTH DEVONSHIRE—(contd.)					ft.	in.	in.			in.			
4.—DART. 197 sq. mi.													
D D	Dartmouth (Dean's Lodge)	.. ..	SX(20)880505	80	42·3	43·92	172	136	60·53	218	176	
D D	Dartmouth	.. ..	SX(20)879515	9	41·7	44·89	177	137	62·20	220	174	
D D	Brixham	.. ..	SX(20)926556	164	38·1	41·14	162	129	54·56	191	157	
D D	PAIGNTON (Victoria Park)	.. (+ A)	SX(20)891608	8	38·7	42·28	160	128	55·16	209	166		
D D	\$TOTNES (Darlington Hall)	.. ..	SX(20)788620	120	47·1	53·04	159	135	63·96	213	179	
D D	Broadhempston (Sneydhurst)	.. ..	SX(20)803661	200	...	46·88	173	131	61·33	225	180	
D D	Ashburton (West Street)	.. ..	SX(20)756695	236	54·9	61·06	174	135	71·92	221	181	
D D	Ashburton (Hele House)	.. ..	SX(20)743703	350	51·8	56·88	161	135	67·73	212	181	
D D	Ashburton (Place)	.. ..	SX(20)764712	400	53·3	56·42	156	135	68·90	198	174	
D D	Dartmoor (Fox Tor)	.. ..	SX(20)619706	1160	75·2	77·30	171	160	96·12	229	203	
D D	Dartmoor (Strane Valley)	.. ..	SX(20)612720	1180	...	78·28	170	158	97·70	229	188	
D D	Dartmoor (Swincombe)	.. ..	SX(20)635718	1047	75·2	76·18	188	162	90·94	223	207	
D D	Ashburton (Leusden Vicarage)	.. ..	SX(20)710732	870	...	63·99	177	146	76·32	229	200	
D D	PRINCETOWN (H.M. Prison)	.. (+ A)	SX(20)586741	1359	87·6	91·33	185	175	106·54	239	217		
M M	Princetown (Blackabrook Intake)	.. ..	SX(20)587748	1293	78·0	84·55	...	...	94·57	...	...
W W	Dartmoor (Cowsic Valley)	.. ..	SX(20)595767	1323	81·2	86·67	...	...	97·89	...	...
M M	Dartmoor (Beardown Hill)	.. ..	SX(20)605767	1560	90·8	90·28	...	...	103·81	...	...
5.—TEIGN. 209 sq. mi.													
D D	Torquay (Higher Lincombe Road)	.. ..	SX(20)928634	260	...	39·24	159	126	51·58	203	159	
D D	TORQUAY (Abbey Park)	.. ..	SX(20)909638	26	35·0	40·59	150	127	52·12	200	159	
D D	Torquay (Lydwell Court)	.. ..	SX(20)928646	410	36·4	41·31	160	129	53·39	208	170	
D D	NEWTON ABBOT (Seale-Hayne College)	.. ..	SX(20)828729	272	39·6	43·88	163	131	55·14	207	171	
D D	TEIGNMOUTH (Den Gardens)	.. ..	SX(20)941728	20	33·2	38·02	156	123	51·69	206	158	
D D	Teignmouth (Hazeldown Reservoir)	.. ..	SX(20)935745	425	36·3	39·38	149	129	54·32	205	164	
D D	Teignmouth (Landscape Reservoir)	.. ..	SX(20)938737	136	35·4	38·89	152	126	54·23	205	157	
D	Kingsteignton (Firleigh Road)	.. ..	SX(20)871743	130	36·9	43·67	166	120	...	...	...
D D	\$Dawlish (Holcombe)	.. ..	SX(20)953751	200	37·5	40·83	170	135	55·40	225	173	
D D	Dawlish (Luscombe Castle)	.. ..	SX(20)943768	175	40·2	41·26	160	136	57·34	199	166	
D D	\$Dawlish (Beach House)	.. ..	SX(20)970775	80	34·2	37·98	154	125	51·33	195	162	
d	Bovey Tracey (Grey Timbers)	.. ..	SX(20)804773	...	...	...	...	...	64·23	...	...
d d	Bovey Tracey (Yarner Wood)	.. ..	SX(20)786792	400	52·0	59·05	...	148	75·13	...	...
D d	Hennock (Hazelwood)	.. ..	SX(20)830805	650	42·8	48·47	160	139	56·77	...	...
D D	\$Lustleigh (Tottiford)	.. ..	SX(20)808824	790	46·2	52·27	178	143	70·60	233	187	
M M	\$Chagford (Hurstons Ridge)	.. ..	SX(20)668828	1350	79·4	84·88	...	...	96·82	...	...
M M	\$Chagford (White Ridge)	.. ..	SX(20)650824	1600	...	93·04	...	...	106·40	...	...
D D	Christow (Kennick)	.. ..	SX(20)808838	840	...	53·73	193	146	71·87	251	191	
D D	\$Chagford (Metherall)	.. ..	SX(20)672843	1155	...	83·12	213	167	100·25	255	209	
M M	\$Chagford (Thornworthy Down)	.. ..	SX(20)664846	1160	...	78·49	...	...	(93·56)	...	...
M M	Christow (Smithacott)	.. ..	SX(20)798848	850	...	54·09	...	...	71·48	...	...
M	Christow (Laployd)	.. ..	SX(20)807849	1041	47·9	...	...	...	64·24	...	...
D D	Chagford (Thornworthy)	.. ..	SX(20)670850	1150	70·4	80·56	190	170	92·96	227	210	
D D	Chagford (Teignworthy)	.. ..	SX(20)676857	1000	...	72·48	196	158	86·24	238	206	
D D	Chagford (Yellam Cottage)	.. ..	SX(20)714870	680	...	58·49	176	146	70·79	217	186	
D D	Drewsteignton (Newton Barton)	.. ..	SX(20)711921	700	37·3	42·05	173	140	52·88	223	179	
6.—EXE. 445 sq. mi.													
D D	EXMOUTH (Salterton Road)	.. (+ A)	SY(30)015813	195	33·3	35·83	152	119	49·64	202	154		
D D	Exmouth (Filters, chapel Lane)	.. ..	SX(30)027819	240	32·0	34·29	169	125	47·98	205	159	
D D	STARCROSS	.. ..	SX(20)972821	29	33·9	38·75	158	124	49·50	205	161	
D D	Kenton (The Vicarage)	.. ..	SX(20)957833	100	34·7	36·63	169	124	47·86	217	159	
D D	Exton (Whinfield House)	.. ..	SX(20)985866	75	...	37·53	167	124	49·49	220	162	
D	Woodbury (Oakhayes)	.. ..	SY(30)009873	200	33·5	39·36	167	123	...	...	...

§ Turf wall around gauge.

\$ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SOUTH DEVONSHIRE—(contd.)				ft.	in.	in.			in.		
6.—EXE—(contd.)											
D D	Shillingford Rectory	.. ..	SX(20)904878	200	36.3	42.22	176	131	53.78	219	172
D D	Exminster (Trood House)	.. ..	SX(20)926886	75	35.3	44.53	171	139	54.32	222	172
D D	Topsham (Newcourt Road)	.. ..	SX(20)962893	52	...	37.78	171	124	50.85	224	164
D D	Exeter (Heavitree)	.. ..	SX(20)943920	112	32.3	36.07	161	116	47.21	212	159
d D	Exeter (Devon and Exeter Institute)	.. ..	SX(20)922925	155	31.9	39.47	...	122	50.60	182	168
D D	Clyst Honiton (EXETER Airport) (+ A)		SX(20)995937	106	33.5	35.33	146	111	46.18	192	146
D D	Pinhoe (Redhayes)	.. ..	SX(20)971935	150	32.3	37.26	166	129	47.37	216	162
d d	Rockbeare Manor	.. ..	SY(30)031939	180	...	38.89	...	...	46.47	...	...
D	Newton St. Cyres	.. ..	SX(20)879981	130	...	...	...	...	49.80	215	174
M M	Crediton (Haywards School)	.. ..	SS(21)837001	190	33.1	(38.78)	...	...	50.35	...	...
d	Crediton (Council Offices)	.. ..	SS(21)833003	200	...	...	...	...	46.54	...	...
D D	Crediton (Okefield)	.. ..	SS(21)832006	325	33.3	36.54	175	129	46.20	225	186
D D	Crediton (Shobrooke House)	.. ..	SS(21)860010	360	...	36.27	180	141	50.45	224	187
D D	Bradninch (Westfield)	.. ..	SS(21)994034	205	...	44.78	162	122	52.19	209	168
D D	||Silverton (Parsonage Lane)	.. ..	SS(21)958032	300	33.2	40.72	160	142	53.61	199	181
D D	Willand (Tiverton Junction)	.. ..	ST(31)033113	245	...	42.77	171	127	48.78	219	169
D D	Hemyock (Mountshayne)	.. ..	ST(31)139126	606	40.7	44.56	169	132	56.46	215	179
D	Tiverton (Halberton)	.. ..	ST(31)016131	300	35.1	...	...	...	47.94	230	185
D D	Tiverton (Cowley Lodge)	.. ..	SS(21)965132	240	36.7	43.66	168	131	52.76	188	172
D D	||Cullompton (Uffculme)	.. ..	ST(31)068129	320	34.5	39.44	164	126	48.54	215	172
D D	Culmstock (Woodgate Farm)	.. ..	ST(31)102152	540	35.2	37.96	164	125	49.31	219	178
d	Hemyock (Culm Davy House)	.. ..	ST(31)124146	512	35.8	...	...	...	46.77	...	...
D D	Morebath Manor	.. ..	SS(21)958257	600	45.9	47.97	174	139	59.09	225	189
D	Stoodleigh (Court Gardens)	.. ..	SS(21)916185	810	...	...	...	...	62.47	232	192
7.—AXE & C. 237 sq. mi.											
D D	Budleigh Salterton	.. ..	SY(30)043832	370	33.9	36.57	180	121	52.97	232	162
W W	Budleigh Salterton (Squabmoor)	.. ..	SY(30)039839	267	33.6	37.97	...	...	53.51	...	...
d d	Venn Ottery	.. ..	SY(30)080914	200	...	37.67	...	121	52.00	203	159
W W	East Budleigh (Yettington Intakes)	.. ..	SY(30)038858	300	34.1	38.55	...	...	53.09	...	...
d D	SIDMOUTH (+ A)		SY(30)124873	25	30.9	34.34	136	125	49.66	189	162
D D	Beer (Windyridge)	.. ..	SY(30)225894	200	34.1	32.36	140	117	49.32	191	158
D D	Beer (Set Fair)	.. ..	SY(30)226892	170	...	34.66	162	119	49.66	204	157
D D	Rousdon (Charton Barn)	.. ..	SY(30)303909	530	...	34.80	158	120	51.57	200	155
D d	Lyme Regis (Pinhay)	.. ..	SY(30)315913	450	35.8	37.97	150	125	54.88	...	160
D D	Colyton (Colyford)	.. ..	SY(30)244923	110	36.6	36.20	166	123	55.97	208	168
D D	Ottery St. Mary (Broad Oak)	.. ..	SY(30)071928	300	37.3	39.11	171	128	52.94	213	162
D	Ottery St. Mary (Wiggaton)	.. ..	SY(30)100935	190	...	...	...	...	54.84	206	158
D D	Ottery St. Mary (The King's School)	.. ..	SY(30)088953	175	38.5	39.88	155	117	51.67	193	156
D D	Seaton Junction	.. ..	SY(30)249965	114	37.9	37.62	144	107	56.94	191	158
D D	Kilminster (Springfield)	.. ..	SY(30)268987	220	...	40.28	170	128	56.55	211	156
D	Axminster (Gamberlake House)	.. ..	SY(30)298983	120	39.6	38.65	154	126	...	...	...
D D	Honiton (Copper Castle)	.. ..	ST(31)170003	520	...	47.41	172	138	61.61	213	172
D D	Hawkchurch (Downings)	.. ..	ST(31)343004	290	38.7	40.34	150	122	56.20	193	159
D D	Honiton (Feniton Court)	.. ..	SY(30)109995	200	37.7	40.43	147	128	51.78	193	174
D	Honiton (Cotleigh House)	.. ..	ST(31)207022	540	43.9	...	...	...	57.01	196	167
D D	Up-Ottery (Beacon Hill)	.. ..	ST(31)208089	740	...	46.93	178	137	59.28	235	179
NORTH DEVONSHIRE.											
(Area, 898 sq. mi.)											
1.—NORTH COAST STREAMS.											
77 sq. mi.											
	Longstone Barrow	.. ..	SS(21)708428	1550	72.9	72.24	...	...	88.65	...	...

|| Site unorthodox.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Alti- tude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORTH DEVONSHIRE—(contd.)									
1.—NORTH COAST STREAMS— (contd.)									
D D Ilfracombe Reservoir	SS(21)505453	395	48·5	48·23	163	138	60·40	209	186
D D ILFRACOMBE (Bowling Green)	SS(21)520478	25	38·3	44·61	164	143	54·08	201	175
D D Lynmouth (Recreation Ground) (+ A)	SS(21)724495	20	...	45·35	164	139	55·48	214	177
2.—TAW. 442 sq. mi.									
D D Bow (Rosehill)	SS(21)726018	400	36·8	41·19	182	147	56·98	236	192
D D North Tawton	SS(21)672022	537	37·3	41·62	167	149	56·37	206	188
D D Morchard Bishop Rectory	SS(21)768077	560	...	35·01	187	170	44·15	233	183
D D Chulmleigh (Eggesford)	SS(21)680118	210	...	42·26	179	144	55·12	227	192
D Chulmleigh (Middle Garland)	SS(21)711182	662	...	...	...	...	52·52	207	184
D D South Molton (Central Park)	SS(21)715255	430	...	46·74	184	148	59·16	241	198
D d East Anstey (Barton House)	SS(21)867266	760	49·6	56·14	172	156	63·36	...	...
D d Chittlehampton (Stowford House) ..	SS(21)633266	275	39·8	42·44	174	147	54·00	213	187
D D West Buckland School	SS(21)667314	650	45·9	49·38	171	151	52·78	200	168
D D Gunn (Grove Cottage)	SS(21)633334	700	...	49·86	178	159	64·27	224	199
D D CHIVENOR Airfield (+ A)	SS(21)494347	20	35·9	36·57	169	138	47·01	209	170
D Goodleigh Rectory	SS(21)603341	371	...	45·15	170	153	...	...	...
D D Braunton (Knowle)	SS(21)493385	150	...	44·62	173	147	56·93	220	164
D D Challacombe (Chase Terrace)	SS(21)689410	904	65·4	62·84	187	159	78·29	235	207
M M Wistlandpound Reservoir	SS(21)642416	825	...	63·55	...	...	78·25	...	...
3.—TORRIDGE. 342 sq. mi.									
D D Okehampton (Waterworks)	SX(20)587938	860	54·5	61·71	188	155	72·57	237	211
M M Okehampton (Pleasure Grounds) ..	SX(20)591948	530	...	59·58	...	...	73·20	...	...
D D Beaworthy (Shebbear College)	SS(21)447094	540	47·9	49·78	169	151	50·85	231	189
D D Beaford (Great Warham)	SS(21)531146	280	...	44·66	180	145	59·25	224	195
D D Torrington (Rack Park)	SS(21)490193	300	40·6	43·78	162	147	53·10	214	196
D D Torrington (Torrige Vale Sew. Works)	SS(21)482191	54	...	43·23	176	141	53·82	230	189
D D Parkham (Melbury Reservoir)	SS(21)386201	515	55·3	54·99	172	159	64·61	227	202
D D Bideford (Jennett's Reservoir)	SS(21)445246	62	38·2	40·87	169	138	50·43	225	184
D D Bideford (Gammaton Reservoir)	SS(21)483253	350	36·7	38·90	166	137	50·78	211	176
D Northam (Windmill Lane)	SS(21)454291	200	36·4	38·24	166	140	...	...	...
d d Westward Ho! (Royal Golf Club) ..	SS(21)443297	10	39·2	39·81	155	140	50·19	...	...
4.—WEST COAST STREAMS. 32 sq. mi.									
D D Clovelly Court	SS(21)310250	300	51·8	52·17	185	154	68·92	227	190
D D HARTLAND POINT (Coastguard Stn.) ..	SS(21)231277	299	36·3	37·37	181	140	49·58	225	178
5.—EXE. 5 sq. mi. Kinsford Gate (Span Head)									
SS(21)735367 1590 77·7 75·45 91·03									
CORNWALL. (Area, 1,363 sq. mi.)									
1.—CAMEL & N.W. COAST STREAMS. 458 sq. mi.									
D D Crowan (Boswyn Reservoir)	SW(10)660362	511	...	51·16	195	156	63·27	247	206
D D Hayle (St. Erth)	SW(10)543359	50	39·7	43·87	173	144	54·49	234	182
D D St. Ives (Hasletown Vicarage)	SW(10)508401	324	42·5	43·58	189	149	53·80	233	189
D D St. Ives (Bussow Moor)	SW(10)502392	390	...	46·88	191	142	61·60	218	189

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CORNWALL—(contd.)				ft.	in.	in.			in.		
1.—CAMEL & N.W. COAST STREAMS—(contd.)											
D D	CAMBORNE (Rosewarne)	.. ..	SW(10)643412	250	38·1	44·74	179	146	51·06	226	184
d D	St. Agnes (Church Town)	.. ..	SW(10)721504	318	39·6	45·67	...	...	49·01	203	171
D D	NEWQUAY (Mount Wise)	.. ..	SW(10)812614	176	34·2	41·97	165	136	44·37	217	164
D D	ST. MAWGAN Airfield	.. .. (+ A)	SW(10)871642	337	...	47·00	169	144	49·31	223	174
D D	Bodmin (Castle Hill House)	.. ..	SX(20)077674	484	48·9	58·54	185	157	61·91	240	197
D	Blisland C.P. School	.. ..	SX(20)107729	350	...	...	...	...	68·51	221	201
D d	Wadebridge (Trevanson)	.. ..	SW(10)978729	100	40·7	49·74	194	153	55·68	...	183
D D	Constantine Bay	.. ..	SW(10)867745	102	...	40·15	167	140	43·04	192	156
D D	Padstow (The Nook)	.. ..	SW(10)914755	110	37·3	41·61	170	138	46·29	221	174
D D	Padstow (Barry's Lane)	.. ..	SW(10)917755	25	...	44·85	175	140	49·24	226	175
d	Great Brighter	.. ..	SX(20)043761	235	...	...	...	...	57·82	...	...
D	Trevone (Pentonwarra)	.. ..	SW(10)890759	25	32·8	...	...	...	44·87	221	162
D D	Trebetherick (Pendalen)	.. ..	SW(10)938773	150	36·3	43·69	185	151	49·62	238	178
D D	St. Breward (De Lank Filter Works)	.. ..	SX(20)137768	725	...	66·24	194	165	71·76	258	208
D	Trelights (Gwel Mor)	.. ..	SW(10)991791	365	...	...	...	...	51·22	225	176
D D	Camelford (Stannon Clay Works)	.. ..	SX(20)128809	850	59·3	71·13	201	168	77·87	260	214
D D	Camelford (Advent)	.. ..	SX(20)127830	890	60·1	72·48	198	163	81·05	254	215
d d	Camelford (Roughtor View)	.. ..	SX(20)105833	700	58·6	67·88	...	...	76·19	...	...
D D	Delabole	.. ..	SX(20)075835	650	45·8	51·16	190	156	61·02	244	202
D	Bossiney	.. ..	SX(20)065889	290	39·6	45·59	174	148	...	...	...
D	Cracklington (Haven)	.. ..	SX(20)144969	50	...	...	...	...	55·73	211	191
D D	BUDE (School House)	.. ..	SS(21)208063	50	34·2	36·53	179	144	50·50	229	167
2.—FOWEY & S.E. COAST STREAMS. 620 sq. mi.											
D D	THE LIZARD (Coastguard Station)	.. ..	SW(10)701119	240	33·0	36·80	177	130	44·78	213	167
D D	Ruan Minor (Poltesco)	.. ..	SW(10)723158	120	38·8	39·62	167	143	52·46	228	181
D d	Porthcurno	.. ..	SW(10)385227	180	33·9	35·24	166	144	46·39	195	175
D D	†CULDROSE (R.N. Air Station)	.. ..	SW(10)669264	268	34·2	40·65	160	138	51·77	215	178
D D	Wendron (Boderwennack)	.. ..	SW(10)678307	458	44·8	47·19	181	150	60·17	223	195
d D	Penzance (Trewidden)	.. ..	SW(10)443296	275	44·8	46·25	...	151	57·94	200	183
D d	St. Michael's Mount	.. ..	SW(10)516300	16	33·9	40·48	153	130	48·73	...	...
D D	PENZANCE (Penlee Gardens)	.. ..	SW(10)473300	62	41·5	44·77	178	145	55·24	230	192
D D	Penzance (Tregwainton House)	.. ..	SW(10)445313	370	45·5	48·01	175	150	59·59	221	196
D D	GULVAL	.. ..	SW(10)486317	50	39·6	42·86	162	141	53·19	214	175
D D	FALMOUTH	.. ..	SW(10)802325	167	43·3	47·90	171	149	57·99	222	182
D D	Penryn Reservoirs	.. ..	SW(10)777337	236	45·0	48·54	170	148	57·74	214	189
D D	St. Mawes (Lawn Bank)	.. ..	SW(10)854330	100	38·3	42·64	160	141	50·76	212	183
D D	Gwennap (Trevince)	.. ..	SW(10)737403	240	47·7	49·62	183	156	63·52	236	190
D D	Portmellon	.. ..	SX(20)018437	120	...	46·07	162	139	51·18	209	172
D D	Truro W.W. (Lower Tregurrow)	.. ..	SW(10)847464	59	44·6	47·43	175	139	56·02	232	185
D D	Ladock (Pumping Station)	.. ..	SW(10)891511	98	42·6	48·99	185	146	54·49	236	184
D D	St. Stephen (Hendra Pumping Station)	.. ..	SW(10)966518	234	48·1	56·21	194	151	62·13	244	196
D D	ST. AUSTELL (Poltair Public Gardens)	.. ..	SX(20)018525	312	48·4	56·76	184	151	61·81	233	194
D D	St. Austell (Trethurgy)	.. ..	SX(20)042553	450	53·5	65·08	193	154	68·70	253	203
d	Lerryn (Fore Street)	.. ..	SX(20)142573	40	44·4	48·45	...	...	...	...	...
D D	Looe (Polteana)	.. ..	SX(20)232555	60	...	54·24	191	150	61·11	235	189
M M	Liskeard (Little Trethew)	.. ..	SX(20)280602	320	...	54·74	...	...	64·78	...	...
D	Liskeard (Penmilder)	.. ..	SX(20)242636	250	49·3	60·20	183	160	...	...	...
D	Liskeard (Tredhowr)	.. ..	SX(20)257643	480	...	...	...	...	63·52	227	193
D D	Liskeard (Treventon)	.. ..	SX(20)262656	360	...	58·10	179	159	66·05	236	199
d D	Liskeard (Minions)	.. ..	SX(20)261711	990	...	72·89	198	159	81·11	250	204

† M.W.R. from Jan. 1960

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CORNWALL—(contd.)									
3.—TAMAR & C. 279 sq. mi.									
D D §St. Mellion (ELLBRIDGE Exp. Stn.) ..	SX(20)401632	190	...	48·17	172	145	55·58	226	182
D D St. Mellion (Pentillie Castle)	SX(20)410645	150	...	54·57	186	145	59·91	227	186
d D Pensilva (Liskeard)	SX(20)293701	695	...	67·37	167	151	76·13	214	195
d D Gunnislake (Delaware School)	SX(20)422707	570	...	57·54	...	...	66·58	245	196
D D Launceston (Bastreet, North Hill) ..	SX(20)248768	800	...	68·10	184	161	74·61	239	208
D Launceston (Landue)	SX(20)351797	225	44·5	51·49	180	157	...	...	...
d d Launceston (Western Road)	SX(20)327839	430	...	53·37	177	131	62·25	...	...
d d Boyton (Ditchen)	SX(20)309947	455	43·1	52·90	...	151	65·35	...	199
D \$North Tamerton (Davies)	SX(20)314982	390	43·9	...	...	...	53·60	238	192
4.—INSULAR.									
Isles of Scilly. 6 sq. mi.									
D D §ST. MARY'S (Coastguard Station) ..	SV(00)913120	158	32·7	32·74	159	116	46·62	229	166
M M Tresco Abbey	SV(00)896143	40	33·8	34·22	...	...	44·78	...	...
D D Tresco (Rowesfield)	SV(00)891143	40	32·5	32·45	172	123	43·41	223	179
SOMERSET. (Area, 1,624 sq. mi.)									
1.—LOWER AVON. 294 sq. mi.									
Witham Friary Vicarage	ST(31)746415	350	...	32·42	...	...	44·46	...	...
Wanstrow (Riverside House)	ST(31)714418	445	40·3	34·34	...	...	47·87	...	...
D D Shepton Mallet (Pondsmead)	ST(31)636472	710	...	35·51	170	140	52·41	230	197
D D Frome Waterworks (Egford)	ST(31)756480	270	37·2	36·35	157	126	48·30	212	178
D D Binegar (Gurneyslade)	ST(31)631494	588	45·5	44·10	168	137	59·80	224	191
D D Orchardleigh Park	ST(31)774514	307	...	40·27	146	118	48·09	207	177
D D Radstock (Ammerdown House)	ST(31)713526	450	42·6	42·25	156	133	58·31	218	194
D D Chewton Mendip (The Priory)	ST(31)590525	580	44·9	41·58	154	131	58·49	206	181
ww East Harptree (Pitt Farm)	ST(31)561544	705	50·0	44·80	...	...	61·20	...	...
D D Litton (Sherborne Reservoir) .. (+ A)	ST(31)592550	336	...	36·52	162	129	50·93	223	182
ww Harptree Hill	ST(31)543559	784	45·6	43·35	...	...	58·00	...	...
d d East Harptree (Coley)	ST(31)581566	260	...	39·41	132	126	52·59	202	178
D East Harptree (Townsend Pump. Stn.) ..	ST(31)572567	220	42·5	38·58	155	124	...	...	...
D D Hinton Blewet Manor	ST(31)594570	500	41·4	37·86	161	130	54·05	222	180
ww North Widcombe	ST(31)580577	216	37·7	36·15	...	...	51·41	...	...
ww Chew Stoke (Heron's Green)	ST(31)557591	179	38·0	36·69	...	...	48·55	...	...
ww Clutton Reservoir	ST(31)615602	600	...	36·63	...	...	51·60	...	...
D D Midford (Tucking Mill Pump. Stn.) ..	ST(31)763616	135	33·9	31·67	158	123	45·78	207	178
D D Chew Stoke (Pumping Station)	ST(31)570619	202	37·7	31·95	156	132	48·54	219	179
ww Ridgehill	ST(31)540625	400	38·6	35·90	...	...	50·29	...	...
ww Chew Magna (Norton)	ST(31)578657	342	37·6	34·58	...	...	48·04	...	...
D D BATH (Henrietta Park)	ST(31)754653	67	30·9	31·67	161	129	42·24	233	171
D D Bath (Southstoke Road)	ST(31)748615	525	33·5	31·73	172	127	45·55	217	176
D D BATH (City Boys School)	ST(31)751638	388	...	32·61	150	126	43·27	207	174
D D Bath (Charlcombe)	ST(31)750668	288	32·7	32·53	161	128	43·49	220	170
ww Felton (Upper Town)	ST(31)525660	550	39·2	38·25	...	...	48·86	...	...
D D Batheaston Reservoir	ST(31)769685	248	32·3	32·80	152	126	42·47	213	171
D D \$Keynsham (Somerdale)	ST(31)656696	58	30·3	31·03	153	120	40·18	205	158
D D Barrow Gurney Reservoir	ST(31)537679	300	37·0	34·02	167	137	45·93	214	170
ww Lansdown	ST(31)733692	380	34·3	31·69	...	...	45·87	...	...
D Long Ashton (School House)	ST(31)547706	161	37·1	33·11	179	140	...	...	...

§ Turf wall around gauge

\$ Gauge over-sheltered.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOMERSET—(contd.)										
1.—LOWER AVON—(contd.)										
D D	LONG ASHTON (Research Station) ..	ST(31)533698	162	36·2	32·84	165	123	44·13	215	163
D D	Failand House	ST(31)516734	380	38·1	34·62	147	127	44·95	201	174
2.—YEO, AXE & BRUE. 405 sq. mi.										
D D	South Brewham (Bedlamgreen)	ST(31)730338	410	...	37·14	163	128	55·27	212	179
d d	Bruton (South Brewham)	ST(31)728358	350	36·2	33·25	151	121	49·49	...	...
D D	Street (Low Level Reservoir)	ST(31)488363	100	...	22·33	134	104	38·88	193	148
D D	Leigholt	ST(31)488353	186	...	24·94	144	111	34·91	192	140
D	Street (Hindhayes)	ST(31)485366	78	...	...	...	...	36·26	210	149
D D	Street (Millfield)	ST(31)492363	100	30·1	27·50	160	123	40·30	216	162
D D	Ashcott (Bradley Cottage)	ST(31)439366	114	28·4	26·11	157	116	36·38	211	149
WW	Sharpham (Turfmoor)	ST(31)471379	15	...	27·08	...	...	40·78	...	...
D	Catcott (Shallards)	ST(31)394394	120	...	...	...	...	38·76	224	162
	Glastonbury (Hartlake Farm)	ST(31)513412	25	...	25·65	...	...	40·71	...	...
d D	Bridgwater (Puriton)	ST(31)322416	50	...	27·69	116	105	40·14	185	156
	Cossington (Gold Corner)	ST(31)367431	12	...	26·65	...	...	35·38	...	...
D D	Shepton Mallet (Charlton)	ST(31)630433	481	39·7	23·78	169	113	52·44	221	175
d d	Shepton Mallet (Sewage Farm)	ST(31)601440	350	38·5	29·22	...	108	46·94	...	170
d M	Burtle (North Drain Pumping Station)	ST(31)399448	11	...	24·98	138	114	36·90	...	...
D d	Highbridge (Bason Bridge)	ST(31)348458	17	30·1	29·22	129	115	35·91	...	146
d d	Highbridge (Mark)	ST(31)350481	19	31·3	29·55	...	...	38·65	198	170
d d	Wells (Chamberlain Street)	ST(31)535452	75	...	28·47	150	126	40·76	...	162
d d	Wookey Hole (Elm Batch)	ST(31)532478	238	38·4	33·01	157	142	44·81	206	179
d d	Wedmore (Sec. Modern School)	ST(31)437487	100	...	28·16	126	114	39·86	...	...
D D	Burnham	ST(31)306494	24	29·9	28·76	140	113	40·82	188	149
	Brent Knoll (Station Road)	ST(31)327515	15	...	...	...	...	44·12	...	...
D D	Cheddar (Pumping Station)	ST(31)452534	50	36·3	33·00	156	130	46·77	217	173
WW	Charterhouse	ST(31)490551	619	44·1	39·35	...	...	58·27	...	...
d d	Cheddar (Shipham Hill)	ST(31)447560	540	...	36·71	...	...	54·00	...	...
	Bleadon	ST(31)340564	25	31·7	31·64	...	...	...	...	...
D D	Winscombe (Mendip View)	ST(31)415573	100	36·6	32·28	157	133	47·49	216	175
M M	Winscombe (Bore Hole)	ST(31)407577	56	36·1	33·35	...	...	47·72	...	...
D D	Winscombe (Wintrath)	ST(31)435577	290	37·5	34·34	162	132	53·39	221	183
WW	Blagdon Hill	ST(31)498587	550	43·2	39·70	...	...	56·48	...	...
	Hutton (The Orchard House)	ST(31)351577	50	...	31·09	...	...	44·40	...	...
D D	Blagdon (Pumping Station)	ST(31)504604	112	38·7	34·93	152	125	51·68	213	178
D D	WESTON-SUPER-MARE (Clarence Park)	ST(31)318602	28	32·4	31·10	150	119	43·00	195	172
D d	Wrighton (Barley Wood)	ST(31)479629	200	36·7	32·70	135	114	50·31	...	156
D D	Yatton (Pumping Station)	ST(31)422659	17	34·5	35·25	163	124	46·77	198	163
D D	Yatton (Chelvey)	ST(31)473679	60	35·1	31·99	160	126	45·32	207	173
	Congresbury	ST(31)438632	36	...	33·07	...	...	48·64	...	...
D	West Town (Brockley Court Farm)	ST(31)467670	50	...	...	...	...	47·78	209	174
D D	West Town	ST(31)481680	80	36·2	33·87	166	135	48·43	211	177
D D	Clevedon (Tickenham Road Pump. Stn.)	ST(31)425715	50	32·7	33·19	160	126	44·65	202	170
D D	Wraxall Court	ST(31)489721	200	34·8	33·36	163	131	45·21	206	170
D D	Walton-in-Gordano	ST(31)422733	80	33·6	34·31	170	129	45·52	208	167
D D	Portishead (Bristol Road)	ST(31)472755	20	...	34·35	161	122	44·49	205	167
D d	Portishead (Redcliffe Bay)	ST(31)441758	180	34·4	35·10	160	124	45·84	209	172
3.—PARRETT. 568 sq. mi.										
D	Misterton (Henley)	ST(31)440076	475	...	...	...	...	50·37	206	160
D D	Misterton	ST(31)458083	300	34·0	40·31	151	121	51·01	186	157
D D	Crewkerne (Lyme Road)	ST(31)438089	400	...	41·56	157	120	52·42	210	167

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOMERSET—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
3.—PARRETT (contd.)									
D D Crewkerne (The Reservoir)	ST(31)437086	425	34·7	43·72	163	117	54·40	213	163
D Crewkerne School	ST(31)448099	320	...	...	...	...	47·42	210	159
D Crewkerne (Bincombe House)	ST(31)436108	293	...	...	...	...	47·48	...	...
D D Sutton Bingham Reservoir	ST(31)556114	182	32·2	37·09	169	129	48·25	213	157
d Donyatt	ST(31)340138	123	...	...	...	...	49·49	...	...
D Over Stratton	ST(31)436149	150	...	...	...	...	43·64	186	156
D D Yeovil (Reckleford Junior School) ..	ST(31)560162	150	...	36·58	146	122	49·76	181	160
D Yeovil (Preston Grove)	ST(31)544166	175	...	...	...	...	43·58	187	156
D D Yeovil (Pen Mill Sewage Works) ..	ST(31)572162	100	32·7	34·01	149	123	42·88	197	160
Yeovil (Summerleaze Park School) ..	ST(31)546163	150	...	...	...	...	43·38	...	...
D D Norton-sub-Hamdon (Little Norton) ..	ST(31)481158	180	...	30·86	154	112	41·58	195	157
D D Norton-sub-Hamdon (Fruit Farm) ..	ST(31)467177	126	27·5	29·95	147	115	40·88	213	163
D D Angersleigh (Leigh Reservoir)	ST(31)197176	530	40·1	43·32	153	127	53·66	204	176
Compton Durville (Waterworks)	ST(31)417171	60	...	30·47	...	...	40·63	...	...
d d Ilminster (Ashwell)	ST(31)363158	100	...	30·12	...	...	38·74	...	...
d d Sampford Arundel (Rose Cottage) ..	ST(31)112180	420	...	43·72	173	135	52·49	...	...
D D Ashbrittle (Kyrle)	ST(31)051220	525	39·8	40·90	181	138	54·56	238	185
d d Martock (The Paddock)	ST(31)462190	60	...	31·03	155	120	39·25	...	...
d d Rimpton (Polly's Orchard)	ST(31)608217	140	...	27·34	173	124	37·21	...	...
M M Taunton (Orchard Portman)	ST(31)244216	110	...	34·50	...	...	41·82	...	...
D Langford Budville (Chipleigh)	ST(31)114234	250	...	...	...	...	46·74	215	171
D D Taunton (Vivary Park)	ST(31)228238	71	29·3	29·25	159	115	40·72	215	157
Queen Camel (England's Side)	ST(31)594248	100	29·5	29·77	...	...	...	...	...
Milverton (Olands Cottage)	ST(31)117254	330	...	35·74	...	...	44·91	...	...
d North Curry (Star Lane)	ST(31)308243	153	...	...	...	...	39·84	...	...
Langport (Drayton)	ST(31)407237	46	28·4	28·35	...	...	40·08	...	...
Langport (Muchelney)	ST(31)428250	20	...	26·54	...	...	37·82	...	...
d d Curry Rivel	ST(31)387251	180	...	28·09	146	119	39·52	...	...
D Wiveliscombe (Culverhead)	ST(31)075274	450	41·0	41·28	154	125	...	...	...
D D Huish Champflower	ST(31)047287	650	...	46·63	178	140	63·31	225	187
D D Langport (Sandpits Hill)	ST(31)402260	150	...	27·98	151	120	40·53	199	154
M Huish Episcopi (County Sec. School) ..	ST(31)427268	65	28·9	...	...	...	37·74	...	...
D Taunton (Staplegrave Manor)	ST(31)217267	100	...	...	...	...	40·83	198	156
D D West Monkton (Ruscombe)	ST(31)256285	250	...	29·29	170	115	43·05	201	155
D North Cadbury	ST(31)635272	240	34·5	33·96	180	142	...	...	...
D Woolston (Hill Ash Farm)	ST(31)652279	350	...	...	...	...	40·61	188	146
D d Somerton (Erleigh)	ST(31)501285	106	28·2	26·26	134	111	37·88	183	155
Somerton Court	ST(31)497283	60	...	25·08	...	...	38·00	...	...
D D Langport (Low Ham)	ST(31)435297	67	...	25·24	150	107	38·61	203	154
D Wiveliscombe (High Street)	ST(31)081277	450	...	...	...	...	51·45	226	177
D D Wiveliscombe (Bulland Lodge)	ST(31)054274	790	44·6	45·98	186	147	61·61	238	199
d d Allermoor (Pumping Station)	ST(31)357305	24	...	23·67	120	103	36·11	190	139
M Clavilshay	ST(31)264316	425	...	...	...	...	47·16	...	...
D D Kingston St. Mary (Hillside)	ST(31)221300	330	...	26·77	156	114	42·27	218	161
D Kingston St. Mary (St. Marys Cottage)	ST(31)223297	230	33·7	31·99	154	118	...	...	...
M Kingston St. Mary (Yarford Orchards)	ST(31)201298	200	...	29·30	...	...	42·26	...	...
Broomfield (Higher Merridge)	ST(31)208339	755	...	33·93	...	...	49·24	...	...
D D Bishop's Lydeard (Watts House)	ST(31)163305	320	...	29·20	138	112	41·33	207	171
Babcary (The Cedars)	ST(31)573288	150	...	26·39	...	...	36·45	...	...
West Sedgemoor (Pumping Station) ..	ST(31)376286	25	...	27·60	...	...	38·33	...	...
Athelney (Currymoor Pumping Stn.) ..	ST(31)344288	20	...	26·55	...	...	34·97	...	...
d Taunton (East Lyng)	ST(31)335289	43	...	27·45	...	...	38·58	...	158
Durston (West Newton Farm)	ST(31)287291	130	...	27·70	...	...	39·57	...	...
D Bridgwater (West Newton)	ST(31)289292	100	...	...	...	...	41·70	187	139

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SOMERSET—(contd.)											
3.—PARRETT—(contd.)											
d D	§Clatworthy (Whites Farm)	.. ..	ST(31)057309	823	47·6	50·76	149	132	64·03	214	181
M M	§Clatworthy (Sedgeborough Farm)	.. ..	ST(31)052339	1079	...	49·20	...	...	63·85	...	...
	Castle Cary	.. ..	ST(31)641320	290	32·9	30·27	...	...	44·57	...	...
D D	Bagborough (Littlecourt)	.. ..	ST(31)177335	455	35·4	34·32	156	114	46·62	231	176
	Bridgwater (Northmoor P.S.)	.. (+ A)	ST(31)331330	23	28·0	25·68	...	...	39·41	...	...
D D	Bridgwater (Durleigh)	.. ..	ST(31)274363	46	31·1	30·86	145	120	41·99	211	147
d D	Bridgwater (Blake Gardens)	.. ..	ST(31)300368	27	30·8	29·85	131	113	40·63	180	151
D D	Spaxton (Barnlands)	.. ..	ST(31)224368	237	...	33·93	162	126	46·64	220	165
	Ashcott (Mellifara)	.. ..	ST(31)434372	200	...	27·27	...	...	36·38	...	...
d	Bridgwater (Antony)	.. ..	ST(31)277378	110	...	...	...	...	40·32	...	...
	Bridgwater (Wembdon Hill)	.. ..	ST(31)280378	110	...	26·90	...	...	39·31	...	...
D d	Bridgwater (Blacklands Street)	.. ..	ST(31)295373	18	30·7	27·93	163	116	39·97	224	152
D D	Bridgwater (Wembdon)	.. ..	ST(31)284377	47	29·6	28·89	152	112	40·33	210	148
D D	Spaxton (Radlet Common)	.. ..	ST(31)209379	220	...	32·61	152	114	43·98	214	159
	Crowcombe (Quantock Farm)	.. ..	ST(31)159370	1000	37·7	34·53	...	...	51·96	...	...
D D	Over Stowey (Quantock Sanatorium)	.. ..	ST(31)188375	430	40·3	34·61	143	126	52·50	190	161
D D	Cannington (Ashford Waterworks)	.. ..	ST(31)237385	102	30·9	32·17	150	123	42·12	212	167
D D	Over Stowey	.. ..	ST(31)178383	550	39·3	36·97	176	131	52·46	228	176
D D	Nether Stowey (Oakford House)	.. ..	ST(31)188397	250	...	33·29	148	119	45·93	206	166
D D	CANNINGTON (Somerset Farm Inst.)	.. ..	ST(31)258400	95	29·9	28·90	148	113	37·46	196	150
	Pawlett (Gaunts Farm)	.. ..	ST(31)287428	32	...	26·42	...	...	39·98	...	...
4.—NORTH COAST STREAMS.											
158 sq. mi.											
d	Treborough (Sminhayes Farm)	.. ..	ST(31)013350	1150	...	57·36	...	...	72·72	...	...
	Lype Hill	.. ..	SS(21)954367	1320	58·7	60·01	...	...	75·01	...	...
D D	Luxborough	.. ..	SS(21)973380	750	...	54·64	205	146	70·75	247	199
	Timberscombe (Croydon Hill)	.. ..	SS(21)984393	1175	48·5	52·84	...	...	...	...	...
D D	Timberscombe (Great House)	.. ..	SS(21)956420	260	...	48·64	165	128	58·55	214	175
D D	Washford (Torre)	.. (+ A)	ST(31)046400	142	...	40·75	167	125	48·90	233	168
D D	Bicknoller (Weacombe House)	.. ..	ST(31)109416	300	32·9	34·71	148	115	46·26	204	159
D D	Sampford Brett	.. ..	ST(31)089402	180	...	33·79	158	121	43·91	215	158
M M	Quantock Hills (Round Hill)	.. ..	ST(31)126414	900	...	40·46	...	...	52·14	...	...
M	St. Audries	.. ..	ST(31)111417	415	...	...	...	...	48·22	...	...
D D	Dodington	.. ..	ST(31)173407	330	37·7	37·44	154	126	49·23	219	168
d d	Kilve Court	.. ..	ST(31)148427	150	33·4	36·08	124	116	47·40	...	...
	East Quantoxhead (The Rectory)	.. ..	ST(31)138433	130	33·6	36·34	...	...	46·72	...	...
D D	Stogursey (Fairfield House)	.. ..	ST(31)186429	150	32·3	37·10	152	121	42·72	205	157
	West Dunkery	.. ..	SS(21)880418	1581	71·4	74·26	...	...	92·10	...	...
	§Dunkery Beacon	.. ..	SS(21)892416	1650	69·2	72·19	...	...	91·24	...	...
	Chains Barrow	.. ..	SS(21)735420	1587	78·6	76·57	...	...	94·68	...	...
w w	Porlock (Nutscale Reservoir)	.. ..	SS(21)857428	1000	...	61·10	...	...	77·55	...	...
D D	Dunster Castle Gardens	.. ..	SS(21)993434	100	35·0	38·35	161	130	42·14	220	170
D D	Dunster (County School)	.. ..	SS(21)989437	160	35·1	39·24	161	131	42·26	212	176
D	Stolford (Whitewick Farm)	.. ..	ST(31)236453	10	31·1	...	...	...	40·37	231	150
D D	Minehead (Blenheim Gardens)	.. (+ A)	SS(21)971464	30	33·4	38·38	155	124	46·96	208	167
d d	Porlock Weir	.. ..	SS(21)864489	60	43·8	48·32	...	135	59·78	...	162
5.—EXE. 122 sq. mi.											
D D	Westcombe	.. ..	ST(31)202162	750	...	45·95	178	129	61·91	228	184
D D	East Anstey (Dassels)	.. ..	SS(21)875266	850	53·3	53·90	190	155	63·12	231	198

§ Turf wall around gauge.

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

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOMERSET—(contd.)					ft.	in.	in.			in.		
5.—EXE—(contd.)												
D D	Dulverton (The Cottage)			SS(21)925279	450	52·9	53·49	178	157	67·66	235	206
D	Dulverton (Secondary School)			SS(21)918277	480	...	...	...	...	65·11	211	183
D D	Dulverton (Council Offices)			SS(21)912280	440	...	52·91	180	146	66·18	222	198
D D	§HAWKRIDGE (LISCOMBE)			SS(21)877327	1030	...	59·92	188	161	74·27	241	205
D D	Winsford			SS(21)905345	620	...	57·13	179	148	69·73	227	193
	Kinsford Gate (Quarry)			SS(21)745365	1500	79·9	77·67	...	...	94·61	...	...
d D	Exford (Lower Thorne)			SS(21)843384	1000	63·0	65·71	186	159	79·46	240	198
D D	Exford (New Rectory)			SS(21)857384	950	...	62·51	175	155	77·92	237	194
D D	Simonsbath (Honeyhead)			SS(21)796381	1250	63·8	65·60	187	159	79·78	232	200
d d	Pinkworthy Farm			SS(21)722412	1305	...	72·24	181	162	89·43	...	...
6.—AXE. 42 sq. mi.												
D D	Wayford Manor			ST(31)405067	420	39·1	42·63	149	125	54·84	201	173
d d	Cricket St. Thomas			ST(31)374088	444	40·9	48·11	146	132	62·50	...	180
D D	Church Stanton (Otterhead)			ST(31)226138	819	44·4	49·45	177	134	61·20	230	178
7.—STOUR. 35 sq. mi.												
D D	Horsington (Throop Farm)			ST(31)687233	460	31·7	34·03	169	127	46·52	217	163

DIVISION VI—WEST MIDLAND COUNTIES

GLOUCESTERSHIRE.
(Area, 1,237 sq. mi.)

1.—WYE. 50 sq. mi.									
D D St. Briavels (Mavis Bank)	SO(32)556038	740	...	38·38	144	124	52·24	210	165
D D Redbrook (Pumping Station)	SO(32)539108	220	36·9	40·53	157	128	51·03	216	165
D Forest of Dean (Reddings Lodge)	SO(32)547135	650	34·0	...	...	...	47·57	235	173
2.—SEVERN.									
Right Bank Tributaries. 185 sq. mi.									
d d Forest of Dean (Parkend)	SO(32)607085	325	37·9	35·52	...	...	47·43	...	...
d Coleford (Cannop Colliery)	SO(32)608125	300	...	37·30	125	110	...	...	...
D D Newent (Taynton)	SO(32)742216	80	29·8	30·59	157	122	38·93	216	161
D Staunton	SO(32)791292	70	...	...	...	...	36·93	197	150
D D Bromsberrow Heath (Pump. Station)	SO(32)738332	181	28·5	28·27	139	118	39·28	195	148
D Tewkesbury (Forthampton Court)	SO(32)870318	48	26·9	...	...	...	33·45	169	139
D D Tewkesbury (Upper Lode)	SO(32)881328	41	25·6	21·49	139	111	30·97	190	143
3.—SEVERN.									
Left Bank Tributaries. 369 sq. mi.									
D D Rudgeway (Lower Hazel)	ST(31)623872	200	...	29·73	147	128	39·81	206	164
D D Tytherington (Keven)	ST(31)667886	240	...	31·27	164	122	43·66	220	169
D D Thornbury (Thornbury Park)	ST(31)634908	70	33·0	31·48	152	121	43·02	207	161
D D Alderley (Pumping Station)	ST(31)774914	206	...	32·58	151	118	42·91	215	168

§ Turf wall around gauge.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
GLOUCESTERSHIRE—(contd.)											
3.—SEVERN—(contd.)				ft.	in.	in.			in.		
D D	Upper Cam (Lansdown)	.. ..	ST(31)764988	350	33·8	33·87	165	126	44·13	224	167
D D	Berkeley (Sharpness Docks)	.. ..	SO(32)673028	50	...	31·23	150	120	39·66	196	143
D D	Minchinhampton (Derhams House)	.. ..	SO(32)869005	625	...	34·76	165	126	44·78	227	167
D D	Minchinhampton (Rectory Cottage)	.. ..	SO(32)873008	610	35·3	34·66	161	128	45·40	223	168
d d	Chalford (Waterworks)	.. ..	SO(32)907025	220	...	31·02	155	126	44·37	...	...
D	Eastcombe	.. ..	SO(32)888040	470	...	32·85	168	126	...	...	...
D D	Chalford (France Lynch)	.. ..	SO(32)901044	640	...	33·00	166	137	46·02	229	173
D D	Stonehouse (Wycliffe College)	.. ..	SO(32)808051	135	29·1	30·71	143	111	38·15	197	146
D D	Stroud (RUSCOMBE)	.. ..	SO(32)837077	610	31·9	29·53	166	116	41·03	229	162
D D	Pitchcombe (Normanhurst)	.. ..	SO(32)855085	300	...	31·66	151	117	39·33	218	158
D D	Miserden Park	.. ..	SO(32)938087	800	37·3	38·18	134	114	51·96	210	181
D D	Whitminster (The Junction)	.. ..	SO(32)775085	32	30·8	32·01	137	116	39·87	206	157
d d	Haresfield Court	.. ..	SO(32)810090	100	31·9	30·00	...	...	35·47	...	145
D D	Harescombe Grange	.. ..	SO(32)844106	557	...	32·57	154	116	40·98	212	163
D D	Witcombe Reservoir	.. ..	SO(32)903147	297	29·1	30·86	155	115	37·57	227	157
D	GLOUCESTER (Hempsted)	.. (+ A)	SO(32)812157	39	...	...	...	...	34·86	209	142
D D	Dowdeswell Reservoir	.. ..	SO(32)984198	357	30·1	30·06	140	114	38·21	210	154
D D	Cheltenham (Hewletts Reservoir)	.. ..	SO(32)974223	419	28·3	27·54	144	114	36·14	218	165
D D	Cheltenham (Sandford Mead)	.. ..	SO(32)953216	210	27·3	28·27	149	109	35·83	220	158
D D	CHELTENHAM (Montpellier Gdns.)	(+ A)	SO(32)946218	214	26·3	26·95	142	111	37·14	212	155
D D	Cheltenham (Cemetery)	.. ..	SO(32)972230	270	...	26·51	137	106	34·49	204	152
D D	Tewkesbury (Pumping Station)	.. ..	SO(32)890337	47	25·6	21·19	147	107	30·87	194	142
4.—SEVERN. Upper Avon. 68 sq. mi.											
D D	Blockley (The Manor House)	.. ..	SP(42)165348	450	32·3	25·67	156	104	39·30	220	149
d	Winchcombe (Sudeley Castle)	.. ..	SP(42)030282	310	...	32·11	...	...	...	...	...
D D	Chipping Campden (Leysbourne)	.. ..	SP(42)152394	470	30·5	29·00	168	115	43·42	233	162
D D	Campden (Research Station)	.. ..	SP(42)170396	389	...	26·22	131	105	41·84	212	161
5.—LOWER AVON & C. 208 sq. mi.											
D D	Bitton (Willsbridge Nurseries)	.. ..	ST(31)667698	100	31·6	30·25	165	130	40·84	200	169
D D	Bath (Monkswood Reservoir)	.. ..	ST(31)755711	365	35·5	33·27	162	129	42·42	214	166
D D	Hanham (Conham Sewage Works)	.. ..	ST(31)628720	50	33·0	37·05	179	136	44·98	234	186
D D	Bristol (Hopewell Hill)	.. ..	ST(31)643742	386	32·2	32·79	167	134	40·45	216	156
D D	Clifton (Oakfield Road)	.. ..	ST(31)577737	200	...	32·65	153	130	42·70	206	170
d d	Horfield	.. .. (+ A)	ST(31)589763	248	32·8	32·15	149	135	41·75	212	165
D D	BRISTOL (FILTON)	.. .. (+ A)	ST(31)598802	192	31·1	30·68	154	120	38·81	205	160
d	Henbury (The Ridgeway)	.. ..	ST(31)573785	263	32·5	30·84	...	...	...	...	...
D D	Frampton Cotterell (Pump. Stn.)	.. ..	ST(31)670818	154	...	28·52	149	123	36·90	200	155
d d	Badminton Gardens	.. ..	ST(31)801828	407	...	40·64	...	...	48·86	201	171
D	Badminton (Petty France)	.. ..	ST(31)786855	520	...	...	...	...	43·87	220	172
D D	Shipton Moyne (Pumping Station)	.. ..	ST(31)899887	312	...	33·57	164	128	45·86	226	165
6.—THAMES. Right Bank Tributaries. 17 sq. mi.											
7.—THAMES. Windrush & c. 340 sq. mi.											
D D	Cirencester (Shorncliffe Sewage Works)	.. ..	SU(41)034971	307	...	28·03	142	110	37·71	212	160
d d	Fairford (Reevey, Kempsford)	.. ..	SU(41)160980	260	28·3	26·65	...	106	39·12	181	141
D D	Lechlade (St. John's Lock)	.. ..	SU(41)222991	237	26·2	24·31	142	113	37·73	202	147
D D	CIRENCESTER (Royal Agric. College)	.. ..	SP(42)004012	443	33·5	29·72	141	114	41·47	201	170
D D	Cirencester (Chesterton Grove)	.. ..	SP(42)022009	376	32·2	28·75	151	124	41·65	221	174
D D	Cirencester (Baunton W.W.)	.. (+ A)	SP(42)019048	396	32·7	30·04	151	120	42·15	224	171
D D	LITTLE RISSINGTON Airfield	.. (+ A)	SP(42)209191	740	30·4	25·93	145	107	40·03	212	161

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960			
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
GLOUCESTERSHIRE—(contd.)					ft.	in.	in.						
7.—THAMES—(contd.)													
D D	Stow-on-the-Wold	..	..	SP(42)188254	770	...	27·62	137	110	43·35	218	172
D d	Adlestrop (Hillside Farm)	..	..	SP(42)258266	500	...	28·04	146	119	40·93	...	173
D D	Moreton-in-Marsh (Sewage Works)	..	..	SP(42)216320	435	...	24·91	156	105	38·78	225	157
HEREFORDSHIRE. (Area, 840 sq. mi.)													
1.—WYE. 685 sq. mi.													
D D	Llangarron (Bernithan Court)	..	..	SO(32)541215	260	...	32·59	150	121	43·42	212	160
	Walford (Hill Court Gardens)	..	..	SO(32)575215	126	29·1	30·32	148	116	42·04	209	154
d D	Ross-on-Wye (Sewage Disposal Works)	..	..	SO(32)584234	112	...	31·21	...	123	40·22	180	157
D D	ROSS-ON-WYE	..	.. (+ A)	SO(32)598233	223	27·9	30·28	146	110	39·24	198	148
D D	Kentchurch Court	..	..	SO(32)423258	236	32·5	39·48	153	121	49·51	205	142
D D	Perrystone Court	..	..	SO(32)625295	520	29·3	29·34	143	117	41·42	205	160
D D	Much Dewchurch (The Mynde)	..	..	SO(32)470298	420	...	37·25	150	120	44·77	196	150
D D	Sollershope (Perryfield)	..	..	SO(32)616325	310	...	27·17	153	115	39·81	211	154
D D	Vowchurch (Ladywell House)	..	..	SO(32)349362	410	35·9	40·73	153	122	50·38	219	165
D d	Michaelchurch Escley (Llan Rosser)	..	..	SO(32)287380	1125	42·3	51·26	165	130	61·22	...	...
d	Hereford (Belmont Abbey)	..	..	SO(32)481380	280	...	25·18	122	107	...	...	...
D D	Hereford (Sewage Works)	..	..	SO(32)519388	167	...	27·80	136	110	38·21	191	140
D	Broomy Hill	..	..	SO(32)496394	238	...	...	...	...	38·17	202	147
D D	Hereford (Breinton Court)	..	..	SO(32)470396	238	26·4	29·15	167	114	41·46	232	150
D D	Madley (Lulham House)	..	..	SO(32)405413	220	...	31·35	145	113	39·57	192	139
D D	Bishopstone (Fayre Mede)	..	..	SO(32)418431	320	...	33·08	164	107	42·09	216	149
D D	Tillington Fruit Farm	..	..	SO(32)467448	270	26·1	30·02	160	118	41·29	202	154
d d	Clifford School	..	..	SO(32)268445	480	34·3	39·58	...	...	50·95	...	...
d d	Burghill Hospital	..	..	SO(32)482433	270	25·7	26·49	116	103	35·06	...	135
D D	PRESTON WYNNE	..	..	SO(32)565475	274	...	25·38	159	112	38·53	204	151
D D	Wellington (Yew Tree House)	..	..	SO(32)500475	185	...	29·78	165	119	44·48	227	162
D	Weobley (Garnstone)	..	..	SO(32)401501	442	29·2	32·13	133	98	...	...	...
D D	Sarnesfield Grange	..	..	SO(32)368509	400	29·1	34·38	151	126	44·30	187	162
d D	Hope under Dinmore	..	..	SO(32)513538	246	26·7	31·10	134	113	41·48	205	147
D D	Bromyard (The Down House)	..	..	SO(32)669545	485	27·9	27·32	158	114	42·03	209	163
d d	Stoke Prior	..	..	SO(32)533557	370	...	27·00	131	116	42·09	...	...
D D	Lyonshall (The Croft)	..	..	SO(32)335558	478	31·9	32·64	167	121	46·50	213	165
D D	LYONSHALL (The Whittern)	..	..	SO(32)339576	510	32·8	34·40	164	125	48·42	219	167
D D	Monkland Cottage	..	..	SO(32)449573	290	27·0	29·03	164	121	40·19	217	155
D D	Kimbolton (Grantsfield)	..	..	SO(32)526603	424	28·3	28·66	144	117	42·01	175	149
D D	Presteign (Middlemoor)	..	..	SO(32)326645	470	33·4	36·13	185	133	48·86	220	164
2.—SEVERN. Right Bank Tributaries. 155 sq. mi.													
D D	Newent (Kilcot)	..	..	SO(32)681255	210	30·7	33·59	158	123	45·27	213	178
D	Upton Bishop	..	..	SO(32)659281	320	...	...	...	...	37·38	194	150
D D	Much Marcle (Hall Court)	..	..	SO(32)644353	200	...	26·95	148	117	39·30	212	162
d	Eastnor (Brousil)	..	..	SO(32)748373	430	...	...	...	...	38·00	...	...
D D	Ledbury (The Sladd)	..	..	SO(32)646382	360	28·0	27·72	139	118	40·32	198	153
d	Bosbury	..	..	SO(32)691433	225	...	...	...	...	39·15	...	152
D d	Cradley School	..	..	SO(32)734471	250	...	23·13	148	100	41·50	...	...
D	Brockhampton	..	..	SO(32)687550	540	...	...	...	...	40·58	215	161
D D	Downton Castle	..	..	SO(32)444747	456	2·99	26·93	151	123	44·06	205	151

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959		1960			
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SHROPSHIRE. Area, 1,343 sq. mi.				ft.	in.	in.					
1.—MERSEY. Weaver. 27 sq. mi.											
D D	Adderley (Raven House)	.. ..	SJ(33)661401	250	28·7	26·01	164	114	34·76	211	158
2.—DEE. 30 sq. mi.											
D D	Whitchurch	.. ..	SJ(33)543410	271	...	29·30	183	130	35·72	222	155
D D	Overton (Sodylt Hall)	.. ..	SJ(33)346406	267	...	32·70	185	155	45·25	221	177
3.—SEVERN.											
Right Bank Tributaries. 722 sq. mi.											
D d	Bucknell Vicarage	.. ..	SO(32)355735	480	32·1	33·10	162	124	47·55	197	159
d d	Ludlow (Castle Weir)	.. ..	SO(32)508745	270	...	28·85	...	...	44·34	193	156
D D	Bromfield (Oakly Park)	.. ..	SO(32)491762	300	30·3	30·43	155	126	43·70	199	161
d	Hopton Wafers	.. ..	SO(32)643765	595	...	...	...	...	46·09	...	159
M M	Cleobury Mortimer (Chilton)	.. ..	SO(32)673781	410	31·5	28·92	...	...	43·44	...	...
D D	Anchor (Kerry Forest)	.. ..	SO(32)172857	1250	48·3	41·15	201	144	58·00	235	179
D	Stoke St. Milborough	.. ..	SO(32)570808	600	...	...	...	...	48·75	222	158
D D	Burwarton (Dingle Leys)	.. ..	SO(32)624850	730	34·6	33·34	157	127	48·60	208	163
D	Craven Arms (Westhope Cottage)	.. ..	SO(32)475863	610	30·0	...	...	...	44·05	194	164
d d	Lydbury North (Totterton)	.. ..	SO(32)360874	700	31·9	29·57	...	...	43·53	...	...
d	Bishops Castle (The Mount)	.. ..	SO(32)324892	735	...	...	...	...	41·31	208	155
D D	Acton Scott (Wood Acton)	.. ..	SO(32)453892	602	...	31·24	185	134	48·33	240	174
D D	CHURCH STRETTON (Sewage Works)	.. ..	SO(32)438909	582	35·3	30·97	168	132	49·77	218	177
D D	BRIDGNORTH (Silverdale)	.. ..	SO(32)709932	245	26·7	26·01	151	116	42·37	192	149
d d	Bridgnorth (Morville Hall)	.. ..	SO(32)668940	300	28·1	23·26	127	106	42·27	...	160
d	Bourton	.. ..	SO(32)596963	635	...	...	...	...	46·05	...	...
D d	Church Stretton (Woolstaston)	.. ..	SO(32)449986	745	34·4	37·50	163	141	52·99	...	...
D	Worthen	.. ..	SJ(33)326045	395	29·7	28·80	164	135	...	...	...
D D	Meole Brace Hall	.. ..	SJ(33)485104	250	...	23·35	150	122	35·62	192	146
D D	Ford	.. ..	SJ(33)420129	253	...	25·06	149	119	33·68	179	146
D D	Shrewsbury (Bicton Heath)	.. ..	SJ(33)453132	270	...	27·10	178	125	35·29	220	150
d	Monkmoor Sewage Works	.. (+ A)	SJ(33)517135	172	...	...	...	...	39·05	197	149
D D	SHREWSBURY (Monkmoor)	.. ..	SJ(33)514138	184	25·7	23·23	171	124	38·42	202	147
4.—SEVERN.											
Left Bank Tributaries. 564 sq. mi.											
D D	Bridgnorth (Stanmore Hall)	.. ..	SO(32)742922	296	26·7	25·13	148	121	39·76	194	145
D D	Hilton (Pumping Station)	.. ..	SO(32)776960	168	...	23·47	155	121	37·12	187	146
D D	Ackleton (The Folley)	.. ..	SO(32)771978	230	27·3	25·48	169	122	39·68	203	159
D D	Shifnal (Hatton Grange)	.. ..	SJ(33)765043	262	27·2	28·11	154	128	42·60	182	150
D D	Shifnal (Cosford Waterworks)	.. ..	SJ(33)781046	222	...	24·35	156	124	37·87	194	152
D D	Wellington Waterworks (Wrekin Res.)	.. ..	SJ(33)637096	478	...	27·15	157	126	39·90	197	151
D D	Wellington (Wrekin College)	.. ..	SJ(33)655117	340	26·8	25·40	154	122	38·14	193	151
	Wellington (Allscott)	.. ..	SJ(33)605128	200	25·9	23·78	140	117	34·93	...	...
D D	NEWPORT (Harper Adams Agric. Coll.)	.. ..	SJ(33)712204	211	26·1	23·22	161	115	33·98	198	137
D D	SHAWBURY Airfield	.. .. (+ A)	SJ(33)553220	235	26·0	24·41	163	124	35·05	196	141
D d	Newport (Chetwynd Park)	.. ..	SJ(33)733215	230	29·1	24·44	159	116	39·24	...	...
d D	Wem (Modern School)	.. ..	SJ(33)508293	265	...	27·20	152	131	36·86	172	147
d	Oswestry (Llanyblodwel)	.. ..	SJ(33)232236	300	35·9	31·92	...	116	...	...	...
D D	OSWESTRY (Filter Beds)	.. ..	SJ(33)278296	570	35·7	37·90	180	146	44·93	201	169
d D	Oswestry (Llanforda Reservoir)	.. ..	SJ(33)272297	702	36·5	38·10	...	...	47·37	185	165
D D	Oswestry (Mount Reservoir)	.. ..	SJ(33)275304	698	36·5	38·18	179	139	47·80	203	169

§ Gauge oversheltered.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SHROPSHIRE—(contd.)											
4.—SEVERN—(contd.)											
D D	Oswestry (Llwyn Terrace) ..	(+ A)	SJ(33)294301	430	34·6	36·34	179	143	45·01	206	165
d d	Ternhill Airfield		SJ(33)641309	268	...	24·93	...	...	34·68	...	...
STAFFORDSHIRE. (Area, 1,166 sq. mi.)											
1.—MERSEY. Weaver. 50 sq. mi.											
D D	Madeley Vicarage		SJ(33)774442	350	31·8	26·56	156	116	39·38	203	154
D d	Biddulph Grange		SJ(33)894591	560	35·3	25·98	145	122	43·78	...	157
	Flash (Quarnford Post Office) ..		SK(43)030675	1550	...	...	...	...	43·54	...	...
2.—SEVERN. Left Bank Tributaries. 160 sq. mi.											
D D	Kinver		SO(32)848835	152	26·9	23·94	152	118	39·22	201	151
d d	Lye (Pumping Station)		SO(32)918851	245	27·4	27·24	...	118	41·64	...	153
D D	Kinver (Prestwood)		SO(32)859858	179	26·5	23·31	155	121	33·73	201	148
D	Enville		SO(32)824864	325	...	...	...	...	39·57	188	162
D D	Kingswinford (Ashwood Pump. Stn.) ..		SO(32)866878	207	27·0	24·11	147	120	35·04	187	146
D D	Wolverhampton (Dimmingsdale W.W.)		SO(32)860962	323	...	25·80	145	122	36·67	193	148
d d	Wolverhampton (West Park)		SO(32)906990	430	28·5	25·68	...	...	39·56	...	...
D D	Tettenhall (Waterworks)		SJ(33)885001	468	28·5	26·18	163	121	38·72	208	149
D D	Shifnal (Weston Park)		SJ(33)806108	400	28·4	21·92	152	125	37·55	185	151
d d	Norbury Junction		SJ(33)793228	331	28·7	22·77	...	...	39·69	188	159
d d	Maer Hall Gardens		SJ(33)794382	410	34·3	21·70	114	105	30·63	...	132
3.—TRENT. Right Bank Tributaries. 513 sq. mi.											
d	Tivdale (School)		SO(32)974903	500	...	...	...	...	40·56	205	151
D D	Tivdale (Sewage Disposal Works) ..		SO(32)973910	432	29·1	26·40	152	124	40·29	201	154
D D	West Bromwich (Dartmouth Park)(+ A)		SP(42)011915	543	28·5	27·43	137	116	39·79	187	152
D D	Tipton (Toll End Sewage Works) ..		SO(32)978931	400	28·3	24·22	148	116	39·02	188	152
D	Wednesbury (Ocker Hill)		SO(32)972938	476	...	22·41	136	101	...	...	...
D D	Walsall (Bescot Sewage Farm) .. (+ A)		SP(42)007966	387	28·3	25·41	155	122	37·55	189	149
D D	Darlaston (Sewage Works)		SO(32)985978	393	26·4	25·82	153	124	38·33	185	153
D D	Bilston (The Lunt Outfall)		SO(32)963958	410	27·7	26·38	147	118	37·25	199	151
D D	WALSALL (Dartmouth Avenue)		SK(43)012005	455	...	26·01	162	118	39·89	210	158
D D	Aldridge (Bourne Vale)		SP(42)074997	419	...	26·86	158	120	40·90	199	152
D D	Codsall (Suckling Green Lane)		SJ(33)870028	410	29·1	25·82	158	116	39·95	210	155
D D	OAKEN (Manor House)		SJ(33)857031	409	...	25·87	141	114	39·07	191	151
D D	Shenstone (Little Hay)		SK(43)123030	298	27·8	26·26	164	115	40·05	210	155
D	Bloxwich (Sneyd Reservoir)		SJ(33)982025	507	28·9	25·38	153	122	...	...	...
D D	Pelsall (Goscote Sewage Works) ..		SK(43)015025	435	28·4	24·15	141	111	39·54	174	149
D D	Tamworth (Sewage Pumping Station) ..		SK(43)200041	182	25·5	20·48	151	105	35·19	206	135
D D	Brownhills (Sandhills)		SK(43)067048	407	28·4	24·76	152	114	40·32	194	152
D D	Brownhills		SK(43)038058	492	28·6	21·59	140	109	38·20	187	142
D D	Cannock (Great Wyrley)		SJ(33)991076	420	28·7	25·09	165	117	40·91	212	157
d d	Brewood (Slade Heath Pumping Stn.) ..		SJ(33)917071	340	27·8	24·91	...	...	40·52	...	151
D D	Hammerwich (Cannock Reservoir) ..		SK(43)040074	475	28·5	23·46	149	109	40·49	204	146
D D	§Cannock (Longford Road Sew. Works)		SJ(33)975090	405	...	21·96	140	108	36·88	190	146
D D	PENKRIDGE (Farm Institute)		SJ(33)922115	330	...	22·48	154	112	38·69	193	150
D D	§Hednesford (Gentleshaw)		SK(43)049123	744	31·3	26·87	159	121	45·78	201	155
d d	Brewood (Belvide Reservoir)		SJ(33)861105	367	29·9	24·67	...	...	41·05	...	...
D D	WHEATON ASTON		SJ(33)848133	365	...	22·32	141	113	38·39	168	143

§ Turf wall around gauge.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
STAFFORDSHIRE—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
3.—TRENT—(contd.)											
D D	Elford .. .. .	..	SK(43)189103	183	...	20.14	139	102	35.45	186	139
D D	Hednesford (Pye Green) .. ..	..	SJ(33)989143	768	30.5	27.36	153	120	42.11	203	150
D D	Lichfield (Hanch Reservoir) ..	(+ A)	SK(43)103136	259	26.9	23.58	153	112	40.76	203	145
D d	Alrewas .. .. .	..	SK(43)168148	200	26.1	22.34	156	97	38.21	189	145
D D	Lichfield (Sandfields) .. .. .	..	SK(43)110083	303	...	22.92	160	106	41.16	198	145
D D	Rugeley (Slitting Mill) .. .. .	..	SK(43)033173	299	29.1	24.44	148	113	41.70	200	149
D D	Rugeley (Brindley Bank) .. .. .	..	SK(43)037195	254	27.3	23.21	152	107	41.18	198	147
D D	Milford (Waterworks) .. .. .	..	SJ(33)975212	246	29.0	23.52	160	113	39.82	209	146
D D	Stafford (Riverway Nurseries) ..	..	SJ(33)927229	247	29.8	21.94	142	115	38.31	196	145
D d	Yarlet Hall .. .. .	..	SJ(33)913293	405	30.0	21.38	140	108	39.29	182	140
D D	STONE (Cold Norton Farm) .. ..	..	SJ(33)878321	350	...	20.36	154	112	35.67	206	146
D D	Standon (Hatton Waterworks) ..	..	SJ(33)829370	355	31.7	24.05	153	121	38.56	196	148
d D	Whitmore (Pumping Station) ..	..	SJ(33)799400	392	30.5	25.52	134	115	40.22	167	142
D D	KEELE (Univ. Coll. of N. Staffs.)	(+ A)	SJ(33)820446	587	31.6	24.79	150	115	39.36	210	147
D d	Hanley (Etruria) .. .. .	..	SJ(33)875470	423	33.0	24.00	149	125	40.37	200	166
4.—TRENT.											
Left Bank Tributaries. 193 sq. mi.											
ww	Hamstall Ridware (No. 1) .. ..	..	SK(43)109192	214	...	20.57	...	...	36.27	...	...
ww	Hamstall Ridware (No. 2) .. ..	..	SK(43)103193	240	26.3	21.50	...	...	37.81	...	...
D D	Burton (Winhill Pumping Station)	..	SK(43)264229	309	...	19.94	155	102	38.14	190	142
d D	Burton (Shobnall) .. .. .	..	SK(43)234231	157	25.5	18.94	134	98	36.84	182	137
D D	Burton-on-Trent (Outwoods) ..	..	SK(43)227240	310	27.3	21.06	151	104	37.98	184	140
D D	Burton (Outwoods Hospital) ..	..	SK(43)232248	220	26.9	21.84	164	110	39.36	219	148
D D	Bliethfield Reservoir	(+ A)	SK(43)071226	273	28.7	21.29	148	107	40.02	188	145
ww	Abbots Bromley (Port Fields) ..	..	SK(43)067237	316	28.5	20.44	...	...	39.30	...	...
MM	Newton (Booth) .. .. .	..	SK(43)042272	360	29.2	23.38	...	...	40.14	...	...
MM	Kingston .. .. .	..	SK(43)063295	420	29.2	22.51	...	...	40.68	...	...
MM	Gratwich (Caverswall Farm) ..	..	SK(43)040315	381	30.5	24.25	...	...	43.62	...	...
MM	Gratwich (Fradswell) .. .. .	..	SK(43)007334	450	31.2	25.66	...	...	43.14	...	...
MM	Leigh (Middleton Green) .. .. .	..	SJ(33)995354	597	32.7	25.26	...	...	42.82	...	...
MM	Leigh (Lane Farm) .. .. .	..	SK(43)014371	500	...	25.38	...	...	39.64	...	...
MM	Fulford Manor .. .. .	..	SJ(33)950386	710	...	24.78	...	...	41.90	...	...
D D	§Draycott (Cresswell Pumping Station)	..	SJ(33)974394	538	34.5	27.01	158	120	44.24	209	156
D D	Trentham (Meadow Lane) .. ..	..	SJ(33)881411	364	...	26.09	142	118	39.44	206	156
d	Lightwood (Starwood Road) ..	..	SJ(33)921418	585	...	...	...	...	48.84	...	...
D D	Longton (The Meir) .. .. .	..	SJ(33)941418	617	32.9	24.65	163	122	42.87	227	156
MM	Caverswall (Hardwick Farm) ..	..	SJ(33)956442	810	32.5	23.74	...	...	43.21	...	...
MM	Longton (Hulme) .. .. .	..	SJ(33)934454	710	33.1	24.51	...	...	43.64	...	...
D D	Hanley (Sewage Works) .. .. .	..	SJ(33)886461	386	30.9	23.44	147	113	37.44	197	144
D	Werrington (Wallmires Pumping Stn.)	..	SJ(33)950463	761	34.9	25.40	187	124	46.12	...	...
5.—TRENT. Dove. 250 sq. mi.											
D D	Uttoxeter .. .. .	..	SK(43)089340	295	30.6	22.48	163	118	42.07	216	147
d d	Church Leigh (School House) ..	..	SK(43)023360	501	...	23.67	...	...	41.91	...	...
D D	Ellastone (Vicarage) .. .. .	..	SK(43)117434	410	...	24.39	156	120	45.25	210	156
MM	Dilthorne (Richmoor Hill) .. ..	..	SJ(33)968470	919	35.1	25.18	...	...	44.40	...	...
D D	Leek (Wall Grange Pumping Station)	..	SJ(33)966536	456	...	26.85	166	124	43.70	227	164
d	Leek (Westwood Park Avenue) ..	..	SJ(33)978564	550	35.6	26.68	...	...	...	...	...
d d	Leek (Moorhill) .. .. .	..	SJ(33)998571	780	38.0	30.09	159	135	47.40	233	180
MM	Leek (Poolend Pumping Station) ..	..	SJ(33)965582	530	...	26.08	...	...	43.70	...	...
d D	ONECOTE (New Mixon Hay) .. ..	..	SK(43)035576	1350	...	32.61	...	133	49.34	191	178
D D	Leek (Tittesworth) .. .. .	..	SJ(33)990589	657	37.9	30.47	166	132	46.82	225	171

§ Turf wall around gauge.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
STAFFORDSHIRE—(contd.)									
5.—TRENT—(contd.)									
D D Leek (The Hollies)	SK(43)005602	694	...	30·80	160	129	47·82	229	170
M M Leek (Stonyclyffe)	SK(43)019601	964	...	32·30	...	...	51·26	...	...
M M Leek (Mermaid Inn)	SK(43)038605	1471	...	34·30	...	...	54·65	...	...
M M Leek (Alder Lee)	SJ(33)989606	685	...	29·85	...	...	46·95	...	...
M M Leek (Lower Haddon)	SJ(33)976606	875	...	29·45	...	...	47·20	...	...
M M Leek (Withens, Upper Hulme)	SK(43)011620	1084	...	28·68	...	...	46·18	...	...
M M Leek (Middle Hills)	SK(43)030639	1480	...	34·75	...	...	55·20	...	...
D Hollinsclough (School) (+ A)	SK(43)065665	954	...	...	...	...	53·83	225	175
WORCESTERSHIRE. (Area, 732 sq. mi.)									
1.—SEVERN.									
Right Bank Tributaries. 222 sq. mi.									
d D Malvern (British Camp. Res.)	SO(32)764399	677	27·7	24·63	125	107	39·63	175	146
d d Malvern (Hall Green)	SO(32)800457	117	...	26·44	...	...	38·48	...	...
D D MALVERN (Surveyor's Depot)	SO(32)790461	203	29·5	28·13	168	114	40·94	228	156
D D Malvern (Lansdowne Crescent)	SO(32)766463	276	...	28·08	145	116	41·82	184	150
d Worcester (Diglis Lock)	SO(32)847533	48	25·5	...	...	...	35·36	...	152
D Kyre	SO(32)639621	...	...	...	...	...	43·71	214	166
d Shelsley Beauchamp	SO(32)731630	132	...	25·17	119	97	...	...	...
D D Ombersley (Holt Lock)	SO(32)821634	55	25·4	26·23	144	118	36·08	170	144
D Aberley	SO(32)746662	...	...	...	...	...	38·26	178	146
D D Tenbury (Belle Vue)	SO(32)592666	315	...	26·20	155	121	40·99	213	161
d Bewdley (Ribbesford)	SO(32)768737	516	28·6	...	...	...	39·64	207	152
2.—SEVERN.									
Left Bank Tributaries. 200 sq. mi.									
D D WORCESTER (REDHILL)	SO(32)873536	190	...	24·89	139	107	36·56	191	150
D D Worcester (Fort Royal Hill)	SO(32)855543	...	...	23·46	134	105	36·20	185	145
D D Worcester (Waterworks) (+ A)	SO(32)841565	57	25·3	26·25	150	113	38·02	204	153
D Worcester (Samuel Southall School)	SO(32)854564	147	...	...	...	...	35·29	182	147
D D Worcester (Bevere Lock)	SO(32)837594	51	24·8	26·51	155	122	36·74	180	149
D D Bromsgrove (Tardebigge Reservoir)	SO(32)989690	455	29·7	25·58	151	123	40·66	202	145
D D Bromsgrove (Sewage Disposal Works)	SO(32)956685	220	27·7	22·61	155	118	37·53	204	156
D D Bromsgrove (Burcot Pumping Station)	SO(32)984716	432	28·9	24·97	156	123	40·47	207	152
D D Barnt Green (Linthurst Road)	SO(32)996732	650	32·3	27·63	153	122	43·64	209	150
D D Stourport (Lincombe Lock)	SO(32)822694	62	26·9	23·96	140	115	35·76	182	144
D Hartlebury	SO(32)853706	...	...	...	...	...	35·50	173	143
D D Bromsgrove (Washing Stocks P.S.)	SO(32)959732	366	28·0	24·12	151	123	38·54	199	145
d d Bewdley	SO(32)792752	70	...	26·90	149	123	37·96	...	...
D D Kidderminster (St. John's Avenue)	SO(32)817764	250	26·0	24·54	141	114	36·72	188	148
D D Kidderminster (Park Hall)	SO(32)864778	200	27·5	24·54	166	121	35·84	216	147
d Kidderminster (Wolverley Road)	SO(32)843786	245	26·2	23·43	...	...	34·61	...	...
D D Bewdley (Elan Aqueduct)	SO(32)776784	91	...	27·93	154	120	40·93	219	154
D D Clent Hall	SO(32)929792	600	29·9	26·20	159	126	40·62	204	153
d d Wolverley (Hill House)	SO(32)821798	250	28·0	25·58	...	...	37·63	...	145
D D HALESOWEN (Hayley Green)	SO(32)949821	505	30·0	26·35	154	122	40·71	210	160
D D Hayley Green (Pumping Station)	SO(32)941815	590	...	26·79	152	128	42·35	210	162
D D Halesowen (Furnace Hill)	SO(32)963841	450	...	27·87	159	127	41·59	200	160
D D Pedmore (Beckman Road)	SO(32)912816	415	...	25·28	152	116	40·99	203	163
d d Wollaston (Wood Street)	SO(32)890850	275	...	22·92	129	113	37·30	...	...
D D Wollaston (Coalbourn Brook P.S.)	SO(32)894855	225	...	25·53	158	120	37·85	199	155

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960			
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	
WORCESTERSHIRE—(contd.)										
3.—SEVERN. Upper Avon. 251 sq. mi.		ft.	in.	in.			in.			
D D	Overbury Court Gardens	SO(32)956373	212	25·8	23·22	147	114	34·79	207	153
D	Bredon (Bredon House)	SO(32)923368	120	25·4	23·89	145	111	...	...	...
d	Broadway (Farncombe)	SP(42)115380	750	...	29·22	...	...	...	...	...
W W	Bredon Hill Reservoir	SO(32)955405	708	...	24·81	...	...	42·76	...	...
D D	Evesham (Bengeworth)	SP(42)048442	128	24·3	22·02	124	103	35·54	193	140
D D	Evesham (Breforton Manor)	SP(42)092440	130	25·9	22·42	137	101	36·05	198	153
d D	Evesham (Abbey Road P.S.)	SP(42)034433	85	24·3	24·11	134	117	37·62	191	160
D D	Evesham (Hampton Park S.W.)	SP(42)030446	100	...	21·72	141	110	35·48	203	149
D D	Evesham (High Street)	SP(42)040445	120	24·5	21·89	143	105	34·49	200	143
d d	Evesham (Port Street)	SP(42)044435	72	...	22·95	...	...	36·27	...	...
D D	PERSHORE (Inst. of Horticulture)	SO(32)960450	130	25·5	23·15	142	111	34·72	190	149
D D	PERSHORE AIRFIELD (+ A)	SO(32)973495	110	...	21·84	142	102	32·23	188	135
D	Crowle	SO(32)919572	...	...	...	...	...	34·50	173	140
	Alcester (Cookhill)	SP(42)053589	400	26·4	24·78	134	...	38·53	166	...
D	Bradley Green	SO(32)990614	...	...	...	...	...	35·58	169	140
D D	Redditch (Ipsley Sewage Works)	SP(42)062656	...	...	24·11	162	112	37·59	181	145
D D	Bromsgrove (Brockhill Pumping Stn.)	SP(42)001701	439	29·6	25·23	167	125	39·67	218	151
D D	Bromsgrove (Lower Bittal Reservoir)	SP(42)021743	457	30·7	26·62	155	132	43·95	209	161
4.—THAMES.										
Windrush & c. 3 sq. mi.										
5.—TRENT.										
Right Bank Tributaries. 56 sq. mi.										
D d	Oldbury (Barnford Hill Park)	SO(32)997876	607	30·8	28·00	147	124	39·89	...	158
D d	Dudley (Tipton Road) (+ A)	SO(32)950916	490	27·9	26·11	153	121	39·47	199	156
D D	Dudley (Shavers End)	SO(32)933912	745	28·7	26·92	154	125	39·84	198	151
WARWICKSHIRE.										
(Area, 944 sq. mi.)										
1.—SEVERN. Upper Avon. 640 sq. mi.										
d d	Long Compton (Weston Park)	SP(42)287345	510	27·7	23·71	...	103	37·33	...	...
D D	SHIPSTON-ON-STOUR (Compton Scorp.)	SP(42)213407	364	26·5	23·00	153	99	37·06	215	158
d d	\$Tredington	SP(42)257437	300	...	19·96	118	93	32·57	...	146
D	Kineton	SP(42)335512	...	...	...	...	...	34·26	198	147
D D	LUDDINGTON	SP(42)154528	138	23·6	19·90	144	103	31·43	198	134
d d	Gaydon Airfield	SP(42)342541	431	...	20·70	...	...	31·66	...	...
D D	STRATFORD-ON-AVON (Drayton Manor)	SP(42)164549	160	24·0	21·26	146	101	32·20	196	143
D D	Stratford-on-Avon (Milcote)	SP(42)184528	122	24·7	19·68	139	103	32·45	196	137
D D	Stratford-on-Avon (Thurlaston)	SP(42)207542	135	24·9	22·51	168	115	33·67	226	159
D d	STRATFORD-ON-AVON (Wellesbourne Grove)	SP(42)197548	131	...	20·81	166	103	33·15	...	138
D D	MORETON MORRELL	SP(42)306553	279	...	20·11	144	98	32·76	213	139
D D	Bidford (Moor Hall)	SP(42)088538	200	24·7	20·60	134	102	33·74	182	139
D D	WELLESBOURNE	SP(42)271565	153	25·0	19·62	139	97	31·34	198	138
D D	Alcester (Surveyor's Office)	SP(42)092579	140	25·5	21·98	148	106	35·80	193	141
D D	Alcester (Arrowside)	SP(42)091575	148	24·9	23·46	149	111	36·00	184	142
D D	Ashorne (Victoria Cottage)	SP(42)306572	150	24·5	19·65	138	99	31·37	203	140
D D	Stratford-on-Avon (Snitterfield)	SP(42)207584	274	24·7	21·13	147	109	33·47	195	143
D D	Alcester (The Pleck)	SP(42)078589	250	25·9	23·58	153	108	35·91	196	138
D D	Southam (Banbury Road)	SP(42)416612	250	25·6	19·37	138	97	32·09	195	141

\$ Gauge over-sheltered.

DIVISION VI—WEST MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WARWICKSHIRE—(contd.)									
1.—SEVERN—(contd.)									
D D Studley (Watts Road)	SP(42)074629	250	...	23·08	153	110	38·44	212	149
D d Studley College	SP(42)087641	256	26·3	21·65	147	111	35·57	197	142
D D Warwick (Mill Street)	SP(42)286647	197	26·1	22·05	139	108	33·48	196	139
D D Warwick (St. Nicholas Park)	SP(42)287649	155	25·6	...	...	...	33·01	187	144
D D Warwick (Hatton)	SP(42)244669	400	27·8	23·42	136	113	35·83	202	154
d Henley-in-Arden	SP(42)154671	255	...	...	...	...	37·32	186	145
D D Dunchurch Hall	SP(42)484710	400	27·0	20·66	129	102	34·71	188	147
D D Kenilworth (U.D.C. Offices)	SP(42)289721	294	27·9	21·56	136	100	33·63	198	143
D D Rugby (Bilton Grange)	SP(42)493744	400	25·6	20·74	134	101	34·89	196	150
D D RUGBY (Lawrence Sheriff School)	SP(42)507749	385	...	20·39	138	101	33·54	203	150
D Rugby (Avon Waterworks)	SP(42)512763	282	25·4	...	...	...	31·45	193	140
D D Coventry (Whitley Pumping Station)	SP(42)357767	238	...	20·77	138	101	35·13	195	144
d d Coventry (Stoke) (+ A)	SP(42)361783	267	...	18·67	116	91	34·97	165	131
D D COVENTRY (Memorial Park)	SP(42)337792	338	26·5	20·97	137	98	35·13	197	146
d d Coventry (Belvedere Road) (+ A)	SP(42)324778	362	28·5	22·81	...	...	35·73	...	...
D d Coundon Reservoir	SP(42)319808	377	28·7	23·06	160	102	39·52	200	148
D D Nuneaton (Bedworth Waterworks)	SP(42)354866	346	26·8	19·59	137	97	35·56	188	140
2.—THAMES Windrush & c. 2 sq. mi.									
3.—THAMES. Cherwell. 15 sq. mi.									
4.—TRENT.									
Right Bank Tributaries. 287 sq. mi.									
D D Coventry (Balsall Common)	SP(42)235769	385	28·1	21·89	125	98	35·49	185	141
d Hampton in Arden (Eastcote)	SP(42)197791	500	29·5	...	...	...	36·66	...	...
D D Highters Heath Reservoir (+ A)	SP(42)087793	517	30·0	25·75	138	109	38·54	187	144
D D Solihull (Station Road)	SP(42)148797	424	29·7	26·47	144	116	38·56	205	151
D D Halesowen (Frankley)	SP(42)008801	571	32·2	27·89	162	124	41·11	214	161
D D Northfield (Bartley Reservoir No. 1)	SP(42)010812	600	32·8	31·21	162	128	44·71	218	154
D D Bartley (Bromwich Wood)	SO(32)999810	611	32·9	30·04	161	127	43·35	218	154
D D ELMDON (Birmingham Airport) (+ A)	SP(42)171837	319	26·8	22·49	141	108	35·91	194	141
D D EDGBASTON (King Edward's School)	SP(42)051836	450	30·3	25·07	154	118	34·61	178	142
D D BIRMINGHAM (Edgbaston Observatory)	SP(42)046864	536	30·7	28·80	155	120	40·93	205	151
d D Birmingham (Rotten Park)	SP(42)045870	477	...	20·77	120	90	32·86	168	128
D D Birmingham (Stetchford)	SP(42)135886	302	27·7	24·52	149	115	39·18	199	148
D D Birmingham (Handsworth)	SP(42)042892	468	29·3	27·50	156	124	38·90	205	150
D D Birmingham (Saltley Sewage Works)	SP(42)105888	292	28·2	26·44	135	109	40·39	190	157
D D Birmingham (Handsworth Park) (+ A)	SP(42)048900	424	29·7	28·99	155	122	40·46	192	156
D D Handsworth (Wood Lane)	SP(42)061908	365	...	26·95	153	116	38·58	197	155
D D Handsworth (Howard Road)	SP(42)059909	368	29·2	26·00	146	113	37·37	202	147
D D Coleshill Works	SP(42)195913	238	25·5	21·56	142	107	35·31	190	143
D D Whitacre (Birmingham Waterworks)	SP(42)227909	269	26·5	22·64	161	111	36·00	217	153
D D Birmingham (Erdington)	SP(42)102917	442	28·6	26·36	179	117	39·05	220	145
D D B'gham (Erdington, Spring La.) (+ A)	SP(42)113911	386	28·5	27·09	152	111	39·23	204	144
D D Minworth Greaves	SP(42)165923	258	25·8	23·63	151	116	37·47	192	149
D D Birmingham (Great Barr)	SP(42)051941	460	...	25·32	158	113	39·85	193	139
D D Nuneaton (Pumping Station)	SP(42)361923	269	26·0	20·67	145	108	35·45	183	136
D D Perry Barr Reservoir	SP(42)084953	515	29·0	26·00	161	122	39·75	199	151
d d Sutton Coldfield (Four Oaks)	SP(42)122985	495	...	27·65	138	107	41·95	...	...
D D Nuneaton (Hartshill Sewage Works)	SP(42)330951	288	...	20·20	133	101	36·57	177	138
d Hartshill (Maintenance Depot)	SP(42)325952	304	28·0	...	...	...	35·23	...	...
D Sutton Coldfield (The Park)	SP(42)116964	370	28·2	...	...	...	37·17	171	139
d Sutton Coldfield (Gables)	SP(42)116965	460	...	...	...	...	39·05	...	...

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more

DIVISION VII—NORTH MIDLAND COUNTIES

LEICESTERSHIRE.

(Area, 824 sq. mi.)

1.—SEVERN. UpperAvon. 41sq.mi.

D D	South Kilworth (Stanford Reservoir) ..	SP(42)596804	367	...	20·24	147	107	34·20	208	151
D D	Welford Reservoir	SP(42)645811	425	26·6	21·96	180	106	38·62	239	156
d d	North Kilworth (Waterworks)	SP(42)618842	490	26·2	22·06	117	98	36·58	174	142

2.—WELLAND. 96 sq. mi.

d d	Market Harborough (Nithsdale Ave.)	SP(42)735867	230	...	22·71	131	105	34·38	180	140
d d	Market Harborough (N'thampton Rd.)	SP(42)735870	260	...	23·14	122	89	35·06	...	...
d	Market Harborough (Coventry Road)	SP(42)727870	270	24·5	21·17	152	94	...	...	...
d d	Market Harborough (Grammar School)	SP(42)729879	345	24·3	20·77	(130)	(96)	32·42	182	132
D D	Kibworth Harcourt	SP(42)682945	408	25·9	18·85	129	99	35·46	214	144
D D	Caldecott (Eye Brook Reservoir) ..	SP(42)855943	187	23·7	18·77	120	84	33·37	175	123
D D	CALDECOTT (Pumping Station) .. (+ A)	SP(42)864932	174	...	18·03	123	79	30·72	172	119

3.—WITHAM. 7 sq. mi.

4.—TRENT.

Right Bank Tributaries. 680 sq. mi.

D D	Frolesworth	SP(42)506903	370	25·6	19·84	148	100	33·78	206	142
D D	Hinckley (Bowling Green Road) ..	SP(42)434941	400	27·5	22·16	141	104	34·18	191	144
D D	Hinckley (Woodland Road)	SP(42)463944	400	...	20·92	135	96	31·96	197	140
d d	Wistow Hall Gardens	SP(42)642957	309	25·5	19·10	...	94	35·90	...	...
D d	Hinckley (Ashly Road)	SP(42)432957	411	...	21·71	139	99	32·58	194	140
D D	Countesthorpe (Wigston Sewage Farm)	SP(42)597968	257	25·0	17·92	132	97	32·57	210	139
D D	Leicester (Stoughton Drive North) ..	SK(43)609031	240	25·5	19·28	140	97	35·50	203	144
D D	Leicester (De Montfort Square) (+ A)	SK(43)593037	250	24·1	18·07	131	96	32·71	184	135
D D	Leicester (Ainsdale Road)	SK(43)564040	200	25·2	19·46	143	95	34·12	209	131
D D	LEICESTER (TOWERS Hospital)	SK(43)623042	267	26·4	19·53	142	85	40·65	208	146
D D	Leicester (Gilroes Cemetery)	SK(43)562064	294	26·9	18·76	124	94	33·83	169	135
D D	Market Bosworth (Grammar School) ..	SK(43)405032	420	...	19·07	143	93	32·80	165	114
D D	Osbaston Hall	SK(43)425045	390	27·9	19·97	146	97	36·10	202	136
d d	Lowesby Hall Gardens	SK(43)723076	500	26·4	16·83	117	84	33·94	173	124
D D	Thornton Reservoir	SK(43)473072	370	28·4	20·22	124	99	38·98	197	142
D D	NEWTON LINFORD	SK(43)530095	388	...	19·97	152	100	35·79	207	131
D D	Cropston Reservoir	SK(43)549114	245	28·9	21·34	175	108	36·74	247	138
D D	Barkby Hall	SK(43)637098	227	26·3	16·91	132	95	34·28	186	136
D D	Melton Mowbray (Somerby Grove) ..	SK(43)774105	601	...	21·06	141	104	42·18	201	148
D D	Ulverscroft	SK(43)496118	640	30·6	21·44	148	92	40·05	215	136
D D	Netherseal (Chilcote)	SK(43)284103	240	...	19·58	149	97	36·23	186	143
D D	Swithland Reservoir	SK(43)556148	171	28·0	20·59	146	100	37·10	208	139
D D	Melton Mowbray (White Lodge) ..	SK(43)756187	237	25·0	17·90	126	92	34·95	185	133
D d	Charnwood For. (Blackbrook Res.) (+ A)	SK(43)457178	379	27·9	20·22	129	96	36·41	...	138
D D	Loughborough (Nanpantan Res.) (+ A)	SK(43)508171	269	28·1	20·20	130	96	37·90	174	136
D D	Loughborough (Fairmount Drive) ..	SK(43)520186	210	26·2	17·27	129	91	34·58	180	129
D	Loughborough (Sewage Farm) ..	SK(43)529209	135	26·8	...	...	...	35·65	183	133
d d	Prestwold Hall Gardens	SK(43)579215	209	26·4	20·18	140	107	33·20	...	...
D D	Scalford	SK(43)764241	343	27·3	20·63	156	98	39·46	206	147
D D	Waltham-on-the-Wolds	SK(43)804252	570	25·5	18·68	147	95	37·24	200	141

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
RUTLAND. (Area, 152 sq. mi.)					ft.	in.	in.			in.		
1.—WELLAND. 125 sq. mi.												
d D	Uppingham (Seaton Mill)	..	..	SP(42)908977	150	23·5	18·56	116	89	32·83	171	134
D D	Ketton .. ..	..	..	SK(43)984044	106	23·7	18·28	133	93	32·39	181	133
D D	Oakham School ..	..	..	SK(43)858087	350	25·0	...	...	...	38·56	197	143
d D	Oakham .. ..	..	..	SK(43)863085	350	24·7	19·36	...	82	34·23	157	126
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 D	Tydd (North Level Sluice)	..	..	TF(53)467181	10	23·8	19·96	136	92	30·03	215	138
d d	Sutton St. James (Clifton's Bridge)	..	..	TF(53)378189	8	...	15·98	...	74	26·41	...	...
d D	Sutton Bridge .. ..	..	..	TF(53)476200	21	22·9	18·88	112	102	29·31	173	146
d d	Sutton Bridge (Wingland Grange)	..	..	TF(53)517220	10	20·6	16·55	...	...	27·62	...	...
D D	Spalding (Weston St. Mary)	..	..	TF(53)275184	10	21·1	16·22	117	77	27·27	153	114
2.—WELLAND. 341 sq. mi.												
d D	Stamford (St. George's Square)	..	..	TF(53)030071	90	...	17·95	...	84	30·80	148	127
D D	Market Deeping (Wilsthorpe)	..	..	TF(53)081148	50	22·2	15·97	120	85	28·54	168	119
D D	Deeping St. Nicholas .. ..	..	..	TF(53)213157	10	22·2	16·46	113	90	29·71	154	128
D	Little Bytham .. ..	..	..	TF(53)014178	110	...	17·47	105	79	...	...	...
d d	Spalding (Pode Hole) .. ..	..	..	TF(53)214219	12	23·7	17·98	...	96	29·58	...	133
D D	Spalding (Grammar School)	..	..	TF(53)246222	15	...	17·19	111	92	28·99	149	120
D D	Spalding .. ..	..	..	TF(53)250228	15	...	15·85	123	83	29·36	178	120
D D	Bourne (Guthram) .. ..	..	..	TF(53)171225	15	29·9	16·79	110	82	28·47	173	128
d d	Whaplode (Irby Hall Farm)	..	..	TF(53)323224	11	...	15·67	...	83	29·63	...	125
D D	Holbeach (Manor Farm)	..	..	TF(53)355241	10	22·0	16·81	122	89	28·86	181	129
D D	Holbeach (Bingham Lodge Farm)	..	..	TF(53)391322	10	...	15·65	112	85	26·79	162	120
D D	Corby (Irnham Hall) .. ..	..	..	TF(53)022265	220	24·5	19·75	108	89	31·72	172	125
3.—WITHAM & C. 1,085 sq. mi.												
d	Gunby .. ..	..	..	SK(43)899218	443	...	...	...	...	36·01	...	...
D D	Denton .. ..	..	..	SK(43)866325	260	24·2	19·12	115	88	36·38	167	139
D D	Billingborough .. ..	..	..	TF(53)112342	35	24·2	18·86	114	83	32·25	166	124
D D	Grantham (Saltersford Pumping Stn.)	..	..	SK(43)926334	188	24·7	20·54	137	95	34·71	189	135
d	Sleaford (Newton Hall) ..	..	..	TF(53)047363	170	...	...	...	...	31·84	...	...
D	Wigtoft (Asperton Farm)	..	..	TF(53)260379	11	...	...	...	...	30·37	156	120
D D	Kirton .. ..	..	..	TF(53)302380	12	23·8	17·11	118	90	33·06	165	137
D D	Hobhole (Pumping Station)	..	..	TF(53)365399	15	...	16·47	124	84	32·31	173	129
D D	Culverthorpe Hall .. ..	..	..	TF(53)022402	190	23·8	19·65	123	94	32·17	169	123
D D	Wyberton (Tyton Hall)	..	..	TF(53)329417	10	24·0	17·90	124	92	34·93	175	137
D D	Wyberton (Slippery Gowt Farm)	..	..	TF(53)341415	10	...	18·14	119	96	34·00	165	139
D D	Boston (Black Sluice, Skirbeck)	..	..	TF(53)325428	11	24·1	18·24	137	85	33·05	180	137
D D	Boston (Cooks Lock) .. ..	..	..	TF(53)313432	11	...	17·86	135	86	32·08	175	127
D D	Boston (Church Rd. Pump. Stn.) (+ A)	..	..	TF(53)335435	7	23·8	17·84	128	88	32·90	177	132
D D	BOSTON (Freiston Road)	..	..	TF(53)339441	16	24·3	18·89	136	91	34·09	183	139
D D	Boston (Grand Sluice) .. ..	..	..	TF(53)323444	17	23·2	18·65	139	92	33·64	175	131
D D	Boston (Cowbridge) .. ..	..	..	TF(53)328472	10	...	16·54	129	81	32·26	175	133

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
LINCOLNSHIRE—(contd.)											
3.—WITHAM & C.—(contd.)										ft.	in.
d d	Old Leake (Leverton)	TF(53)422484	10	22·4	18·12	(116)	90	31·80	...	...
D D	CRANWELL Airfield	TF(53)003494	205	23·5	17·20	126	82	30·84	178	125	
D D	Carrington (Hakerley Bridge Farm)	TF(53)321529	10	23·0	17·99	129	90	29·74	197	128	
d d	Ruskington	TF(53)083506	30	...	15·68	111	85	28·75	...	...
d d	Sibsey (Main Road)	TF(53)352522	15	23·9	19·96	(139)	(93)	33·31	177	134	
D D	New Leake (Lade Bank Engine)	TF(53)378544	13	22·3	17·50	143	83	29·97	180	135	
d	Carrington Grange	TF(53)312545	10	...	...	...	...	33·99	...	...
D D	New York (Oaklands)	TF(53)244548	12	...	17·01	122	88	26·39	174	124	
D D	East Kirkby Manor	TF(53)334618	35	25·6	20·36	134	95	35·57	188	137	
D D	Revesby Reservoir	TF(53)303634	124	26·3	20·45	129	97	42·75	183	135	
D D	Woodhall Spa (Waterworks)	TF(53)223617	45	23·3	18·73	104	94	32·97	157	130	
D D	WADDINGTON Airfield	SK(43)984650	224	...	15·69	130	79	31·54	176	126	
D D	Potterhanworth (Old Hall)	TF(53)055661	60	...	17·25	129	94	31·08	188	127	
D D	Southrey	TF(53)140664	20	...	16·99	114	91	30·36	172	130	
D D	Horncastle	TF(53)251695	135	25·6	18·79	124	89	37·53	184	126	
D D	Lincoln (Brant Road)	SK(43)963666	34	23·6	17·56	122	89	33·90	193	129	
D D	Bardney (Sugar Factory)	TF(53)113688	17	23·6	16·25	115	93	30·74	169	125	
D D	Lincoln (Skellingthorpe Hall)	SK(43)930715	40	24·1	18·39	121	90	32·40	171	137	
D D	Lincoln (Westbourne Grove)	SK(43)966714	20	...	17·53	132	94	33·41	194	134	
D D	LINCOLN (West Common)	SK(43)962719	25	...	16·64	125	88	31·32	187	132	
D D	Lincoln (Reepham)	TF(53)040737	60	...	16·55	126	88	30·67	187	131	
D D	Baumber (The Old Vicarage)	TF(53)222740	210	...	19·21	135	96	35·57	201	142	
D	Lincoln (Saxilby)	SK(43)897754	25	24·4	17·20	117	90	...	...	...
D D	Dunholme (Field Station)	TF(53)004779	100	22·7	16·75	141	92	30·09	196	132	
D D	Hackthorn Hall	SK(43)992825	105	24·4	17·95	131	91	32·87	213	161	
4.—GREAT EAU & C. 443 sq. mi.											
D D	Eastville	TF(53)404602	3	22·1	19·31	116	93	31·75	168	130	
D D	SKEGNESS (Marine Gardens)	TF(53)569631	15	22·4	21·07	141	97	33·49	172	136	
D D	Hagworthingham (Manor House)	TF(53)354691	205	25·6	20·09	136	101	35·87	180	133	
D D	Spilsby (Fordington Waterworks)	TF(53)415714	160	...	22·78	129	102	34·92	181	135	
D D	Anderby	TF(53)514755	9	...	20·33	124	103	32·78	178	144	
d	Strubby Airfield	TF(53)445806	42	...	20·01	...	...	...	...	...
D D	Withern (Pumping Station)	TF(53)434824	32	...	20·31	122	91	32·36	174	140	
D D	MANBY Airfield	TF(53)391869	55	22·7	19·86	129	93	30·68	181	128	
D D	Wold Newton Manor	TF(53)242970	230	27·5	21·04	127	92	33·97	182	146	
D D	Grainthorpe (County School)	TF(53)382962	9	23·1	21·59	115	97	30·11	164	128	
d d	North Cotes	TA(54)349003	10	23·7	20·73	127	94	30·09	...	...
5.—HUMBER.											
Right Bank Tributaries. 428 sq. mi.											
D D	Claxby (Osgodby)	TF(53)077926	70	...	17·52	131	89	30·94	203	145	
D D	Brigg (Scawby Hall)	SE(44)968057	80	...	17·47	121	92	30·98	173	133	
D	Brigg (Sugar Factory)	SE(44)987061	15	24·1	...	...	...	28·15	178	127
D D	Brigg (Wrawby Road)	TA(54)005074	22	24·4	16·94	122	89	31·19	193	140	
D D	Cleethorpes (Outfall Pumping Stn.)	TA(54)321071	25	22·2	18·87	112	89	30·04	168	132	
D D	CLEETHORPES (Kings Parade)	TA(54)314079	23	23·4	19·96	108	91	29·05	148	128	
D D	Grimsby (Little Coates Pumping Stn.)	TA(54)253086	14	25·0	19·22	140	91	32·26	187	142	
D D	Brocklesby Park	TA(54)140113	110	26·6	17·43	116	92	29·56	186	136	
D D	Immingham (Compressor Station)	TA(54)208149	13	23·7	16·05	132	87	27·88	194	134	
D	Normanby	SE(44)883168	175	25·5	17·91	117	90	...	...	...
D	Ferriby Sluice	SE(44)976211	18	24·1	16·53	118	86	...	...	...

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
LINCOLNSHIRE—(contd.)									
6.—TRENT.									
Right Bank Tributaries. 172 sq. mi.									
d d Swinderby Airfield	SK(43)888619	49	...	15·77	...	...	32·11	...	...
d Woolsthorpe	SK(43)843353	182	...	18·34	...	...	...	...	...
d d Kirton in Lindsey	SK(43)934990	82	...	18·25	114	89	31·23	...	...
d d Messingham (Sewage Works) .. (+ A)	SE(44)875058	14	...	14·99	125	85	27·14	201	133
d d Torksey (Pumping Station)	SK(43)836780	16	22·9	15·29	126	82	30·35	202	131
d d Gate Burton Hall	SK(43)838831	97	23·4	15·98	111	85	29·88	178	136
d Scunthorpe (Portman Road)	SE(44)886125	165	...	...	...	...	28·35	193	132
7.—TRENT.									
Left Bank Tributaries. 77 sq. mi.									
d d Wroot (S. Level Pumping Station) ..	SE(44)732017	7	22·9	14·40	110	82	26·54	174	122
d d Wroot (Candy Farm Pump. Stn.) ..	SE(44)698030	3	...	15·45	129	89	28·71	180	130
d d West Butterwick (Glen Howe)	SE(44)835065	20	24·7	15·49	115	95	28·06	192	139
d d Crowle (N. Level Pumping Station) ..	SE(44)749098	10	23·6	14·37	114	83	26·54	169	124
d d Keadby (Pumping Station)	SE(44)835112	20	24·6	15·10	123	91	27·46	183	130
NOTTINGHAMSHIRE.									
(Area, 843 sq. mi.)									
1.—WITHAM. 10 sq. mi.									
2.—TRENT.									
Right Bank Tributaries. 218 sq. mi.									
d d SUTTON BONINGTON	SK(43)503262	157	22·9	15·83	133	88	32·60	181	126
d d Kegworth (Kingston Hall)	SK(43)508277	130	25·8	17·09	116	87	35·05	177	133
d d LANGAR (Airfield)	SK(43)735337	106	...	15·69	132	79	31·43	171	121
d d ¶ Nottingham (Wilford Hill Reservoir) ..	SK(43)579351	295	...	17·13	127	83	35·57	...	...
d d ¶ Cotgrave Reservoir	SK(43)667349	317	...	15·95	138	86	30·86	...	...
d d West Bridgford	SK(43)592372	80	24·3	16·64	101	79	34·69	...	...
d d Syerston Airfield	SK(43)729477	208	...	16·12	...	...	31·73	...	...
d d Newark (The Friary)	SK(43)802540	48	24·0	15·73	137	90	33·31	181	124
d d Newark (Sewage Works)	SK(43)802558	33	...	15·05	136	83	30·61	172	118
d Kelham (Sugar Factory)	SK(43)780550	40	22·3	...	...	...	32·14	150	105
3.—TRENT. Derwent. 2 sq. mi.									
4.—TRENT. Erewasb. 42 sq. mi.									
d d Eastwood (Waterworks)	SK(43)460468	243	...	20·58	140	108	38·25	196	141
d d Eastwood Hall	SK(43)462477	240	27·8	20·33	...	...	35·88	...	...
d d Eastwood (Moorgreen Reservoir) ..	SK(43)468474	301	28·3	19·06	131	89	31·05	166	125
5.—TRENT.									
Left Bank Tributaries. 569 sq. mi.									
d d Beeston (Standards Laboratory) ..	SK(43)542364	85	25·2	18·14	...	...	33·89	...	...
d d Beeston (Sewage Farm)	SK(43)541364	97	...	16·67	122	84	31·72	165	125
d d ¶ Bramcote Reservoir	SK(43)507375	327	25·4	19·08	141	98	35·32	...	...
d d Lenton (Experimental Station) ..	SK(43)573381	160	24·8	18·94	123	92	34·09	156	128
d d Nottingham (Sneinton P.S.) .. (+ A)	SK(43)592393	83	24·0	17·56	138	89	33·23	181	125
d d NOTTINGHAM (The Castle) .. (+ A)	SK(43)568395	192	24·2	17·99	128	91	32·51	160	123
d d Nottingham (Colwick Sugar Factory) ..	SK(43)617341	70	23·6	17·29	...	...	33·27	...	...
d d Nottingham (Colwick Hill Reservoir) ..	SK(43)596399	314	24·2	17·24	135	94	32·97	...	...

¶ Gauge over-exposed.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NOTTINGHAMSHIRE—(contd.)										
5.—TRENT—(contd.)										
D D	Nottingham (Colwick Home Sluices) ..	SK(43)615393	75	...	16·31	122	84	31·81	163	118
D D	Nottingham (Stoke Bardolph)	SK(43)647416	66	...	18·31	122	90	33·17	165	129
D D	Nottingham(Basford Waterworks)(+ A)	SK(43)565429	168	25·4	18·45	135	95	33·86	164	121
D D	Burton Joyce (Waterworks)	SK(43)654443	65	...	18·52	136	97	35·15	183	126
D D	Nottingham (Woodthorpe)	SK(43)580440	225	26·5	19·54	147	99	35·43	185	128
D D	Lambley Pumping Station	SK(43)627451	204	...	17·39	135	96	34·78	186	120
d d	Daybrook (Ramsdale Hill Reservoir) ..	SK(43)596483	503	27·5	20·56	159	98	37·37	...	...
d d	Bulwell Hall Park	SK(43)532468	252	27·3	19·78	115	90	36·13	...	...
D D	WATNALL (+ A)	SK(43)506454	366	27·2	19·62	140	96	36·89	191	131
D D	¶Oxton Reservoir	SK(43)649518	413	...	19·14	150	97	35·66	183	127
D D	Papplewick (Waterworks)	SK(43)583521	317	27·5	20·57	138	99	39·92	198	132
D D	Southwell (The Nurseries)	SK(43)695542	125	26·4	19·54	154	94	38·10	197	129
D	Halam Pumping Station	SK(43)668535	185	...	...	...	...	36·29	184	129
d d	Blidworth (Silverland Farm)	SK(43)563554	400	28·5	22·37	...	...	37·72	...	...
D D	Sutton-in-Ashfield (Sewage Wks.) (+ A)	SK(43)510595	455	28·9	21·54	140	101	36·88	196	141
D D	Mansfield (Rainworth Waterworks) ..	SK(43)587586	349	27·1	20·71	137	98	37·56	209	134
D D	Bilsthorpe (Rufford Pumping Station)	SK(43)632611	276	26·1	20·65	148	100	36·10	216	134
d	Eakring (B.P. Depot)	SK(43)673614	281	...	...	...	...	33·40	...	...
D D	MANSFIELD (Carr Bank) .. (+ A)	SK(43)543618	362	27·5	22·13	142	101	36·23	202	133
D D	Clipstone (Waterworks)	SK(43)603643	228	25·5	20·28	146	99	35·09	199	137
d d	Edwinstowe (Laboratory)	SK(43)624671	215	25·2	19·81	...	...	35·43	...	...
D D	Ollerton (Boughton Waterworks)	SK(43)667692	141	24·8	17·81	119	95	34·29	174	134
D D	WARSOP (GLEADTHORPE E.H. FARM) ..	SK(43)591699	150	23·1	18·19	144	93	32·13	193	124
D D	Carburton (Pumping Station)	SK(43)594722	140	...	18·53	114	94	33·02	176	128
D D	Bevercotes Colliery	SK(43)696735	78	...	15·79	117	86	33·18	187	122
D D	Tuxford (Lound Hall)	SK(43)700731	50	24·5	16·22	118	89	32·82	188	125
D D	Elkesley (Pumping Station)	SK(43)664760	120	24·3	16·43	117	89	30·39	159	110
D D	Worksop (Bracebridge Sewage Works)	SK(43)597790	97	24·8	16·38	126	86	30·92	170	124
D	Worksop (Osberton Gardens)	SK(43)629798	85	25·3	...	...	...	31·70	161	109
D D	Worksop (Sunnyside Waterworks)	SK(43)589806	245	24·8	17·26	128	88	32·83	193	127
D	Retford (Sir Frederick Milner School)	SK(43)711808	50	...	...	...	...	35·20	187	145
D D	Retford (Sewage Disposal Works) ..	SK(43)706827	74	...	14·42	141	83	30·24	199	130
D D	Retford (Babworth Hall)	SK(43)687811	98	23·1	15·81	136	94	28·68	183	126
d d	Wiseton	SK(43)711893	21	...	15·29	118	89	28·60	177	129
D D	Gringley on the Hill	SK(43)734909	203	...	16·25	130	86	29·94	189	135
D D	FINNINGLY Airfield	SK(43)658995	34	22·3	14·44	117	84	27·58	176	121
D	Finningley (Pumping Station)	SE(44)677002	19	...	...	...	...	27·57	163	128
6.—OUSE. Don. 2 sq. mi.										
DERBYSHIRE. (Area, 1,017 sq. mi.)										
1.—MERSEY, UPPER. 93 sq. mi.										
M M	Buxton (Cat and Fiddle Inn)	SK(43)005717	1610	54·3	43·33	...	...	65·87	...	...
M M	§Buxton (Berry Clough)	SK(43)029727	1550	54·6	41·70	...	...	63·95	...	...
D D	§Buxton (Goytsclough)	SK(43)011733	1175	55·8	41·08	155	132	61·01	212	187
D D	§Buxton (Goytshead)	SK(43)012748	925	52·5	39·18	164	135	55·08	217	187
M	§Buxton (Longhill)	SK(43)031752	1390	51·4	...	...	...	58·34	...	...
M M	§Buxton (Embridge)	SJ(33)999764	1430	52·3	(39·58)	...	...	(55·31)	...	...
D D	§Fernilee (Upper Hall)	SK(43)017771	940	46·3	35·65	152	120	50·05	212	178
D D	§Taxal (Oldfield)	SK(43)012777	820	47·6	37·08	158	129	51·49	215	176
M	§Taxal (Blackhillgate)	SJ(33)997787	1190	44·2	...	...	...	51·33	...	...
D D	CHAPEL-EN-LE-FRITH	SK(43)057809	728	43·2	34·51	154	121	48·64	221	186

§ Turf wall around gauge.

¶ Gauge over-exposed

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DERBYSHIRE—(contd.)											
1.—UPPER MERSEY—(contd.)											
M M	§Hayfield (Dimpus Clough)	.. ..	SK(43)065851	1250	...	(34·10)	...	...	(57·55)	...	...
M M	§Hayfield (Upper Sett)	.. ..	SK(43)074855	1420	50·0	35·90	...	...	(61·38)	...	...
M	§Hayfield (Oaken Clough)	.. ..	SK(43)064860	1250	...	...	...	...	55·78	...	...
M M	§Hayfield (Tunstead Clough)	.. ..	SK(43)064867	1350	...	34·10	...	...	57·21	...	...
M	§Hayfield (Kinder Source)	.. ..	SK(43)087878	2050	60·9	(43·36)	...	...	...	...	...
D D	Hayfield (Kinder Filters)	.. (+ A)	SK(43)054880	800	46·2	33·49	166	127	50·31	229	173
M M	§Hayfield (Upper Moor)	.. ..	SK(43)067879	1362	50·7	36·96	...	...	(61·45)	...	...
D D	§Hayfield (Hollin Head)	.. ..	SK(43)064883	950	51·1	37·06	167	134	54·65	228	185
M	§Hayfield (Middle Moor)	.. ..	SK(43)049887	1170	46·9	...	...	...	(55·60)	...	...
M	§Hayfield (Sandy Heys)	.. ..	SK(43)075894	2040	58·9	...	...	...	68·40	...	...
D D	Glossop Waterworks (Swineshaw)	.. ..	SK(43)044988	733	43·8	34·30	170	138	47·71	291	180
D D	§Torside (Clough Edge)	.. ..	SK(43)066970	1452	56·3	44·93	...	...	59·48	...	...
M M	§Bleaklow Hill (Dowstone Rocks)	.. ..	SK(43)093979	1718	59·7	44·98	...	...	65·34	...	...
M	§Bleaklow Hill (Far Black Clough)	.. ..	SK(43)127984	1683	59·2	...	...	...	63·57	...	...
2.—MERSEY. Weaver. 2 sq. mi.											
3.—TRENT.											
Right Bank Tributaries. 68 sq. mi.											
d d	Church Gresley (Maurice Lea Park)	.. ..	SK(43)305189	400	25·9	18·67	...	102	34·63	...	...
d d	Repton (Greenshot)	.. ..	SK(43)302267	230	25·4	18·86	...	...	37·09	...	...
D D	Stanton-by-Bridge (Waterworks)	.. ..	SK(43)375272	144	26·6	20·26	149	108	37·64	192	141
4.—TRENT. Dove. 156 sq. mi.											
D D	Tutbury (Foston)	.. ..	SK(43)219310	178	...	20·31	153	104	38·53	195	137
d	Foston (R.O.A.C. Camp)	.. ..	SK(43)189316	106	...	...	...	...	(38·63)	...	...
D D	Cubley (Pumping Station)	.. ..	SK(43)171380	362	...	19·53	152	112	42·36	199	143
d d	Rodsley (Pumping Station)	.. ..	SK(43)194401	415	31·3	21·68	154	121	42·13	...	...
D D	Brailsford (Shirley House)	.. ..	SK(43)215418	425	...	21·11	137	114	40·16	192	146
D	Biggin School	.. .. (+ A)	SK(43)156593	991	...	33·11	161	126	54·23	215	184
5.—TRENT.											
Left Bank Tributaries. 84 sq. mi.											
D	Etwall (Blakeley Lodge)	.. ..	SK(43)268304	189	25·9	...	...	...	38·44	181	141
D D	Etwall (Sewage Farm)	.. ..	SK(43)274298	201	26·7	21·37	148	114	39·95	199	148
D	Mickleover (The Pastures Hospital)	.. ..	SK(43)297332	320	26·6	...	...	...	34·81	190	142
D D	Derby (Brayfield Road)	.. ..	SK(43)344339	233	...	18·46	148	97	36·39	197	137
D D	Chesterfield (Whaley Well)	.. ..	SK(43)509718	337	25·7	19·15	139	91	33·93	182	128
6.—TRENT. Derwent. 426 sq. mi.											
D d	Draycott (Cleveland Avenue)	.. ..	SK(43)440333	130	...	17·72	139	96	35·84	...	129
D	Draycott (Pumping Station)	.. ..	SK(43)449327	118	...	...	...	...	37·75	194	153
D D	Derby (Osmaston)	.. .. (+ A)	SK(43)363328	210	...	18·26	132	100	37·18	172	135
D D	Spondon (Derby Sewage Wks.)	(+ A)	SK(43)389351	135	26·2	17·81	134	100	37·00	187	140
D	Derby (Park Grove)	.. ..	SK(43)345374	198	28·2	19·45	148	104	...	...	...
d	Derby (Railway)	.. ..	SK(43)365349	156	26·9	17·97	...	...	...	...	...
D	Derby (Royal Infirmary)	.. ..	SK(43)357355	211	28·8	19·44	148	105	...	...	...
D	MACKWORTH	.. ..	SK(43)319362	293	...	...	...	...	36·50	187	140
D D	DERBY (Corpn. Highway Depot)	.. ..	SK(43)359367	159	...	18·26	133	94	36·25	188	132
D D	Derby (Markeaton Park)	.. ..	SK(43)331377	190	28·7	20·86	144	107	38·67	185	146
d D	Breadsall Priory	.. ..	SK(43)381414	370	28·4	19·02	129	111	39·79	176	143
D D	MORLEY (Derbyshire Farm Inst.)	.. ..	SK(43)386401	350	29·5	19·69	142	101	39·25	183	139
D	Duffield (The Kirkstyles)	.. ..	SK(43)334431	236	32·6	22·43	139	115	...	...	...

§ Turf wall around gauge.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
DERBYSHIRE—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
6.—TRENT. Derwent—(contd.)									
d D BELPER (Herbert Strutt School) ..	SK(43)346468	203	28.8	20.07	118	93	39.96	162	132
D D Ambergate Reservoir .. No. 61	SK(43)350526	646	34.5	27.28	132	106	47.74	195	156
D South Wingfield	SK(43)379535	256	...	...	...	...	38.66	197	142
D D WIRKSWORTH (West End)	SK(43)285538	560	35.5	26.82	147	114	48.62	212	161
d D Worksworth (Wash Green)	SK(43)295538	738	33.6	25.61	130	110	44.79	191	151
D D Whatstandwell (Meerbrook Sough) ..	SK(43)325555	245	33.8	26.27	135	108	46.61	208	158
D D Brackenfield (Lindway Reservoir) ..	SK(43)357584	595	33.1	26.59	150	114	46.35	214	159
D D Clay Cross (Press Reservoirs)	SK(43)354657	810	32.7	25.29	138	111	41.88	216	158
D D Monyash Rectory (+ A)	SK(43)152664	884	...	34.63	167	126	51.42	226	177
D D Chatsworth Gardens	SK(43)262701	436	32.6	27.32	149	112	42.43	207	156
WW Buxton (Portobello Bar)	SK(43)032712	1600	54.9	40.88	...	...	63.18	...	...
D D Buxton (Stanley Moor)	SK(43)041712	1340	53.3	41.86	175	147	65.32	227	192
WW Buxton (Burbage Edge)	SK(43)035728	1400	54.9	40.43	...	...	64.13	...	...
D Buxton (Ashwood Dale S.W.)	SK(43)072728	917	48.4	...	...	...	57.01	229	187
D D \$BUXTON (Terrace Slopes)	SK(43)059738	1007	48.5	39.49	175	136	57.25	230	189
MM \$Buxton (Green Fairfield) No. 115	SK(43)087747	1120	45.4	34.80	...	...	52.87	...	...
MM Wormhill (Hargate Wall) No. 109	SK(43)117752	1140	44.0	35.39	...	...	51.19	...	...
MM Tideswell No. 111	SK(43)149752	1000	40.3	31.90	...	...	48.77	...	...
MM Tideswell (Wheston) .. No. 112	SK(43)129768	1140	42.1	33.98	...	...	(52.45)	...	...
MM Tideswell (Stanley Lodge) No. 114	SK(43)175763	910	...	29.87	...	...	47.62	...	...
MM Peak Forest (Middle Hill) No. 104	SK(43)102772	1080	...	32.18	...	...	50.95	...	...
MM Peak Forest (White Rake) No. 110	SK(43)143781	1220	43.6	34.44	...	...	50.50	...	...
MM Buxton (Dove Holes) .. No. 103	SK(43)073777	1095	...	36.61	...	...	54.14	...	...
D d Peak Forest No. 100	SK(43)111792	1050	44.6	34.91	171	133	51.19	...	...
MM \$Peak Forest (Eldon Hill) No. 113	SK(43)121806	1350	46.4	34.22	...	...	55.54	...	...
MM Bradwell (Paradise Farm) No. 108	SK(43)162811	1060	45.1	32.34	...	...	50.85	...	...
MM Castleton (Rowter Farm) No. 105	SK(43)132820	1395	...	35.98	...	...	56.44	...	...
MM \$Rushup Edge No. 101	SK(43)103824	1245	49.6	34.80	...	...	53.00	...	...
D D Bamford (Engineer's Office) No. 60	SK(43)202829	509	39.8	32.33	167	130	49.27	232	175
d \$Bamford Filters No. 70A	SK(43)212830	660	40.2	29.30	159	125	...	...	...
d D Grindleford (The Grange)	SK(43)242779	550	...	27.02	156	116	42.46	216	161
D D Holmesfield (Barbrook Res.)	SK(43)280770	1080	...	26.51	170	112	45.20	229	165
MM Holmesfield (White Edge)	SK(43)264786	1209	...	26.95	...	...	46.60	...	...
D D Burbage (Lower Burbage) .. (+ A)	SK(43)258802	924	37.1	25.76	172	116	46.12	227	166
D D Hope (Cement Works)	SK(43)168823	580	...	30.96	153	127	45.67	203	165
D Hope (Killhill Bridge) .. No. 56B	SK(43)171838	560	41.5	...	...	...	43.54	208	167
MM Mam Nick No. 98	SK(43)123837	1368	49.5	36.94	...	...	54.49	...	...
MM Dalehead No. 97	SK(43)101841	1030	52.6	37.93	...	...	58.54	...	...
M Stanage (Redmires No. 2)	SK(43)248842	1395	...	...	...	...	50.13	...	...
MM Stanage (Redmires) Check	SK(43)248840	1395	...	33.24	...	...	51.83	...	...
d d Bamford (Yorkshire Br. Weir) No. 59B	SK(43)198850	560	41.3	30.63	...	...	46.20	...	...
MM Grain Clough No. 96A	SK(43)096854	999	...	35.30	...	...	60.23	...	...
d d Edale Mill No. 84	SK(43)134854	725	50.0	36.23	152	138	51.59	...	169
M Upper Booth No. 85	SK(43)104854	950	49.9	...	...	...	55.99	...	...
M Jacob's Ladder	SK(43)090860	1115	59.8	40.33	...	...	...	...	...
MM Edale End No. 83	SK(43)162863	632	45.1	33.90	...	...	51.50	...	...
MM Grindslow No. 94	SK(43)119867	940	55.7	(37.15)	...	...	57.75	...	...
MM Crook Hill No. 92	SK(43)185870	1100	47.5	33.59	...	...	54.12	...	...
MM \$Ladybower No. 73	SK(43)205869	985	45.9	34.04	...	...	53.81	...	...
WW Grimbocar No. 90	SK(43)172872	700	50.0	36.72	...	...	56.14	...	...
MM Hagg Farm No. 81	SK(43)160885	700	51.0	36.77	...	...	58.59	...	...
M \$Blackdean Brook No. 89	SK(43)127890	1070	63.0	...	...	...	70.47	...	...
D D Fairholmes (Nursery) .. No. 26A	SK(43)173893	685	50.7	38.02	171	138	59.49	230	181

§ Turf wall around gauge.

DIVISION VII—NORTH MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
DERBYSHIRE—(contd.)											
6.—TRENT. Derwent—(contd.)											
M	Middle Seal Clough	.. No. 79B	SK(43)111897	1320	64.4	41.07	...	...	...	...
M M	\$Nether Red Clough	.. .. No. 78	SK(43)084903	1370	61.1	42.15	...	...	69.19	...
W W	Mill Brook	.. .. No. 91	SK(43)188894	770	48.6	35.57	...	...	57.04	...
M M	\$Ashop Head	.. .. No. 43A	SK(43)068907	1670	...	41.66	...	...	64.90	...
M M	Ouzelden Clough	.. .. No. 75	SK(43)160907	885	53.5	42.04	...	...	61.42	...
M M	\$Urchin Clough	.. .. No. 88	SK(43)101908	1190	...	42.18	...	...	65.09	...
M M	\$Alport Moor (Alport Castles)	.. No. 82	SK(43)133919	975	...	(43.66)	...	...	66.39	...
W W	Derwent Dale (Birchinlee)	.. No. 23	SK(43)165918	890	52.9	43.05	...	...	59.92	...
M M	\$Lady Clough Moor	.. No. 41B	SK(43)112926	1720	...	47.06	...	...	69.36	...
M M	\$Featherbed Top	.. .. No. 77	SK(43)089928	1665	...	48.74	...	...	65.63	...
D D	Derwent Dale (Howden Dam)	.. No. 17	SK(43)168924	845	50.6	41.26	172	138	58.48	240	
W W	\$Derwent Dale (Ridge Farm)	No. 13A	SK(43)161931	883	55.5	43.37	...	...	60.92	...
M M	Westend Moor (Blacklow Cote)	No. 15	SK(43)145936	970	55.2	42.45	...	...	62.88	...
M	\$Alport Moor	.. .. No. 38B	SK(43)106943	1790	66.6	51.21	...	...	...	...
M M	Deep Grain	.. .. No. 74	SK(43)123951	1360	61.8	49.39	...	...	65.98	...
W W	Derwent Dale (Slippery Stones)	No. 62	SK(43)169951	908	52.7	45.71	...	...	67.08	...
M M	\$Ronksley Moor	.. .. No. 86	SK(43)147951	1660	62.2	51.74	...	...	71.32	...
M M	\$Bleaklow Hill	.. .. No. 87	SK(43)102960	2050	...	50.58	...	...	70.80	...
M	Broadhead Clough	.. .. No. 63	SK(43)169962	1010	55.3	46.96	...	...	...	...
M M	Barrow Clough	.. .. No. 71	SK(43)142976	1330	62.5	48.70	...	...	71.68	...
7.—TRENT. Erewash. 50 sq. mi.											
D D	Breaston (Woodland Avenue)	.. ..	SK(43)469336	115	25.2	18.34	151	105	38.77	206
D D	Long Eaton (Town Hall)	.. ..	SK(43)490339	105	...	16.12	132	89	33.89	174
D d	Ilkeston (New Stanton)	.. ..	SK(43)475386	150	25.3	17.99	135	93	35.15	169
D d	Ilkeston (Sewage Works)	.. ..	SK(43)482395	133	25.7	19.01	153	98	35.56	183
d d	Morley Hall	.. ..	SK(43)395411	445	...	18.44	115	101	36.45	...
D D	Codnor Park	.. ..	SK(43)442517	243	30.5	22.91	122	99	38.72	186
8.—OUSE. Don. 138 sq. mi.											
M M	Chesterfield (Hunger Hill)	.. ..	SK(43)329679	643	35.3	28.46	...	...	47.56	...
D D	Chesterfield (Whispering Well)	.. ..	SK(43)332694	575	33.7	26.14	148	107	43.42	206
D D	Bolsover Colliery	.. ..	SK(43)463710	275	29.3	19.57	130	94	34.83	196
D D	CHESTERFIELD School	.. ..	SK(43)384717	298	29.2	24.21	142	105	38.73	189
D D	Chesterfield (Lower Linacre Reservoir)	.. ..	SK(43)338725	430	33.1	24.96	143	112	41.14	201
D D	Chesterfield (Middle Linacre Reservoir)	.. ..	SK(43)333726	500	33.9	27.07	144	112	43.76	201
D D	Chesterfield (Upper Linacre Filters)	.. ..	SK(43)339727	521	33.4	26.88	143	112	43.65	201
D D	Chesterfield (Sewage Works)	.. ..	SK(43)392745	225	29.8	23.64	145	96	39.26	195
d	Chesterfield (Sheepbridge Wks.)	.. ..	SK(43)371748	260	...	...	...	...	36.72	161
D D	Chesterfield (Crowhole Reservoir)	.. ..	SK(43)321748	605	31.2	24.55	127	106	42.12	194

DIVISION VIII—NORTH-WESTERN COUNTIES

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

1.—MERSEY. Upper. 187 sq. mi.

M M Nessitt Hill ..	SJ(33)963706	1260	...	32.35	...	...	47.95	...	...
D D Langley (Twelve Ashes) ..	SJ(33)967712	903	42.3	32.98	171	133	49.11	228	178
D D Langley (Trentabank Reservoir) (+ A)	SJ(33)962712	864	42.1	32.68	171	132	48.39	229	183
M M Standing Stone ..	SJ(33)976715	1220	...	34.59	...	...	51.91	...	...
D D Langley (Bottoms Reservoir) ..	SJ(33)944715	659	37.5	30.49	162	131	45.12	212	175

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
CHESHIRE—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—MERSEY. Upper—(contd.)									
D D Macclesfield (Leadbeaters Reservoir) ..	SJ(33)926733	579	34.8	28.14	159	125	38.46	208	159
D D MACCLESFIELD (West Park)	SJ(33)911741	500	36.3	27.28	160	121	38.02	209	158
D d Rainow (The Clough)	SJ(33)946759	815	37.1	29.21	164	123	41.86	219	166
d d Nether Alderley	SJ(33)843764	329	32.6	24.83	...	...	37.68	...	...
D D Prestbury (Sewage Works) .. (+ A)	SJ(33)897783	320	32.7	26.21	153	116	36.49	204	157
D D Knutsford	SJ(33)760790	213	33.1	27.74	144	126	39.84	200	154
d d Adlington (Styperson House)	SJ(33)929800	500	32.7	27.22	164	123	(37.43)	204	164
D D §Disley (Lyme Park)	SJ(33)971836	674	35.1	26.80	156	123	40.76	210	166
D D Disley (Higher Stoneridge)	SJ(33)975837	750	37.2	26.67	155	119	40.66	210	165
d d Runcorn (Western Point)	SJ(33)495815	30	31.9	29.14	...	127	35.71	...	...
D D Appleton Reservoir (+ A)	SJ(33)602845	120	33.0	28.76	158	122	36.30	202	157
D D Moore (Uplands)	SJ(33)582841	120	...	27.61	165	127	36.74	208	162
D D RINGWAY (MANCHESTER Airport) (+ A)	SJ(33)818850	248	31.6	25.82	150	114	37.54	196	152
D D High Lane (Light Alders Farm) ..	SJ(33)964847	675	35.3	26.71	152	123	39.62	212	168
D D Altrincham (Norman's Place)	SJ(33)764877	150	32.6	25.75	147	109	38.67	195	150
D D Dunham Massey (Sewage Works) (+ A)	SJ(33)722877	55	31.9	25.89	156	116	38.78	202	158
D D Stockport (Cherry Tree Hospital) ..	SJ(33)915886	285	...	25.77	146	114	39.31	199	164
D Gatley (Park Road)	SJ(33)838885	150	32.5	26.61	145	118	...	...	...
D Stockport (Cheadle Heath Sew. Wks.)	SJ(33)869898	135	31.1	23.91	142	108	...	...	...
D d Stockport (Bredbury Sewage Works) ..	SJ(33)917920	165	...	24.79	145	110	37.81	...	146
D D Sale (Carrington Lane) (+ A)	SJ(33)765928	72	31.8	27.04	153	114	38.96	199	161
D D Sale (Sewage Works)	SJ(33)768930	58	33.6	27.58	144	112	39.98	188	158
§Mottram (Auxiliary Res.)	SK(43)006950	385	...	31.87	159	125	43.46	215	179
Godley Reservoir	SJ(33)967954	488	36.9	27.65	159	114	41.09	209	171
Bottoms Reservoir	SK(43)024973	501	42.3	32.35	157	131	43.83	214	174
Arnfield Reservoir (+ A)	SK(43)012972	512	41.6	31.61	171	126	45.45	228	176
Rhodes Wood Reservoir	SK(43)042982	545	46.5	32.73	164	131	49.41	228	177
M §Hollingworth Hall (Moor)	SK(43)002984	1194	47.8	32.14	...	...	...	...	...
§Torside Reservoir	SK(43)054985	667	47.1	38.13	169	142	58.67	231	189
D D Stalybridge (Market Ground Yard) ..	SJ(33)964983	373	39.8	28.98	153	121	43.29	212	167
D D Stalybridge (Brushes Filter House) ..	SJ(33)997982	615	42.8	32.30	163	131	48.70	224	184
WW Higher Swineshaw	SK(43)006996	965	46.3	33.90	...	...	50.43	...	...
D D Woodhead Reservoir	SK(43)078993	665	49.6	39.58	176	139	60.66	224	186
M §Arnfield Moor	SK(43)033996	1290	53.5	34.98	...	...	...	...	...
M §Crowden (Span Gutter)	SK(43)058999	1530	56.3	38.44	...	...	...	...	...
M M §Pikenaze Moor (Audenshaw Clough) ..	SE(44)114004	1148	58.7	44.53	...	...	65.58	...	...
M §Woodhead (Pikenaze)	SE(44)098001	926	50.9	...	...	...	59.22	...	...
M M §Swineshaw Moor (Boar Flat)	SE(44)020003	1190	52.1	36.15	...	...	52.91	...	...
M M §Westend Moor (Stonefold)	SE(44)086020	1691	61.7	42.92	...	...	66.15	...	...
M M §Withens Moor (West Withens)	SE(44)114022	1382	63.7	50.59	...	...	67.72	...	...
M M §Crowden (Meadow Clough)	SE(44)074025	1425	64.9	42.72	...	...	68.67	...	...
M §Near Broadslate	SE(44)055027	1663	65.9	45.98	...	...	...	...	...
M M §Longside Moss	SE(44)131007	1418	61.0	48.00	...	...	66.12	...	...
M §Upper Heyden	SE(44)098035	1717	69.8	...	...	...	71.18	...	...
M M §Grains Moss	SE(44)068039	1573	65.7	44.99	...	...	69.35	...	...
2.—MERSEY. Weaver. 489 sq. mi.									
D D Audlem (Westville)	SJ(33)656432	214	29.9	26.42	162	121	38.16	210	170
D D Bickerton (Peckforton P.S.)	SJ(33)530553	330	...	29.87	149	122	37.42	199	156
d d Cholmondeley School (+ A)	SJ(33)553505	291	30.2	27.51	...	119	36.10	210	158
D D Nantwich (Beam Bridge)	SJ(33)651533	120	29.9	24.47	159	119	37.29	205	159

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CHESHIRE—(contd.)											
2.—MERSEY. Weaver—(contd.)											
D D	Nantwich (Dorfold Hall)	.. ..	SJ(33)634524	190	30·5	25·50	165	123	37·55	221	156
D d	Nantwich (Brookfield House)	.. (+ A)	SJ(33)651516	130	29·1	25·09	152	116	35·83	...	149
D D	Nantwich (Reaseheath Hall)	.. ..	SJ(33)648542	130	28·9	24·04	156	118	35·34	193	151
d d	Alsager (Radway Green)	.. ..	SJ(33)776542	257	30·5	24·04	...	...	36·03	...	...
D D	Crewe (Sewage Works)	.. ..	SJ(33)685554	125	29·4	24·60	159	120	36·82	201	150
D	Crewe (Isolation Hospital)	.. ..	SJ(33)709566	181	29·1	25·37	176	118	...	...	...
D D	Mow Cop (Pumping Station)	.. ..	SJ(33)843577	460	31·5	24·61	149	122	41·28	205	156
D	Sandbach (Pumping Station)	.. ..	SJ(33)763610	210	30·0	24·87	151	116	...	...	...
D D	§Eaton (Pumping Station)	.. ..	SJ(33)905669	285	32·5	27·78	161	124	38·97	196	158
D D	Congleton (Sewage Works)	.. (+ A)	SJ(33)853635	247	31·1	22·29	150	120	35·83	201	151
D D	Congleton (Buglawton Hall)	.. ..	SJ(33)885644	450	33·6	22·46	151	120	37·60	206	159
d d	Bosley Reservoir	.. ..	SJ(33)927657	590	34·0	26·14	...	118	41·49	...	168
d d	Bosley Top Lock	.. ..	SJ(33)905669	500	...	27·98	...	120	41·62	...	158
D D	Middlewich	.. ..	SJ(33)709657	138	28·4	24·52	160	117	37·23	218	154
D D	Tarporley (Sandyford Waterworks)	.. ..	SJ(33)567667	249	32·4	27·58	163	126	41·02	206	165
D D	Middlewich (Bostock Hall)	.. ..	SJ(33)675684	157	30·6	25·71	150	120	37·63	189	150
d d	Cranage (Hall Hospital)	.. ..	SJ(33)750683	179	28·5	23·12	...	...	34·35	...	...
D D	Delamere (Linmere)	.. ..	SJ(33)556703	250	32·9	28·82	166	124	42·12	224	156
D D	Cuddington (Merle Wood)	.. ..	SJ(33)597720	200	32·2	28·02	160	124	39·47	192	159
D D	Northwich (Crabtree Green)	.. ..	SJ(33)584711	163	32·6	27·11	172	121	39·32	218	159
D d	Northwich (Weaverham Grange)	.. ..	SJ(33)633728	151	31·9	28·05	159	127	38·28	...	155
D D	Northwich (Hunts Lock)	.. ..	SJ(33)656729	47	31·0	27·99	159	123	38·54	209	153
D D	NORTHWICH (WINNINGTON)	.. ..	SJ(33)643747	65	30·3	27·21	155	119	37·59	199	149
D D	Chelford (Kennel Bank)	.. ..	SJ(33)813741	263	31·1	23·65	142	115	38·82	185	145
D D	Chelford (Snelson House)	.. ..	SJ(33)803747	250	...	23·57	149	117	37·95	196	150
D D	Northwich (Lostock Gralam)	.. ..	SJ(33)682743	75	30·4	24·64	156	114	35·91	194	153
d	Northwich (Marbury Road)	.. ..	SJ(33)649764	96	30·6	...	...	...	39·60	...	...
3.—MERSEY. Lower & C. 142 sq. mi.											
d d	Barrowmore	.. ..	SJ(33)474691	114	28·5	25·19	170	128	34·03	...	...
D D	Mouldsworth (Pumping Station)	.. ..	SJ(33)503704	145	30·6	24·87	173	116	36·79	212	152
d	Manley (Ravelstone)	.. ..	SJ(33)515722	300	33·0	...	...	...	35·31	...	...
D D	Foxhill (Pumping Station)	.. ..	SJ(33)506748	155	30·5	22·59	159	117	29·71	195	153
D D	Ellesmere Port (The Refinery)	.. ..	SJ(33)424759	15	29·0	26·01	160	115	31·98	188	147
D D	Great Sutton (Sutton Hall T'ment Wks.)	.. ..	SJ(33)371757	125	...	28·30	157	127	36·63	187	147
D D	Hooton (Waterworks)	.. ..	SJ(33)351780	97	31·2	27·17	179	133	35·21	210	161
D D	Crosshill Reservoir, new g.	.. ..	SJ(33)280842	212	31·2	30·45	170	133	37·13	189	163
D D	Port Sunlight	.. ..	SJ(33)336842	50	32·7	31·41	162	128	40·71	188	156
D D	Port Sunlight (Oval)	.. ..	SJ(33)330851	63	...	30·74	161	130	37·15	188	157
D D	Prenton (Waterworks)	.. ..	SJ(33)295864	91	32·3	29·73	160	128	37·30	193	158
D D	†Bidston (The Woodlands)	.. ..	SJ(33)284893	100	...	30·30	177	135	34·80	211	157
D D	Birkenhead (BIDSTON OBS'Y.)	.. (+ A)	SJ(33)287897	198	29·0	28·46	165	121	33·00	198	159
4.—DEE. 127 sq. mi.											
d	Tilston (Aldford Brook)	.. ..	SJ(33)462513	130	...	...	...	...	37·55	...	...
D D	Bickerton (Tower Wood P.S.)	.. ..	SJ(33)504540	308	...	30·63	151	123	38·00	199	160
D D	Eaton Hall Gardens	.. ..	SJ(33)415609	60	29·1	29·12	170	130	38·95	214	160
D D	Chester (Sewage Disposal Works)	.. ..	SJ(33)393667	16	27·4	26·00	162	116	35·26	199	150
d d	Chester (Dicksons Drive)	.. ..	SJ(33)409677	64	30·8	27·54	181	123	35·59	...	...
D D	WEST KIRBY (PARK)	.. ..	SJ(33)216865	17	30·5	28·21	156	123	34·26	185	155

§ Turf wall around gauge.

† Gauge moved 50 yds. ESE to alt. 100 ft. 2.11.59.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOUTH LANCASHIRE. (Area, 700 sq. mi.)			ft.	in.	in.			in.		
1.—ALT & C. 103 sq. mi.										
D D	Liverpool (Knotty Ash)	SJ(33)412916	106	35·3	32·15	160	129	39·62	190	166
d d	Kirby (Estate Works)	SJ(33)400980	48	34·5	32·91	...	...	41·08	...	...
D D	Crosby (Merchant Taylors' School) ..	SJ(33)321991	20	...	28·34	155	121	34·03	192	156
D D	Formby (Ince Blundell)	SD(34)322032	36	35·3	32·90	207	145	41·94	242	173
d d	Ormskirk (Bickenstaffe Pumping Stn.)	SD(34)419036	127	35·5	32·88	(164)	(135)	44·06	...	...
d d	Ormskirk (Springfield Pumping Stn.) ..	SD(34)388046	69	35·2	32·55	159	129	41·63	...	...
D D	Formby (Hightown) (+ A)	SD(34)294044	25	32·1	30·17	170	135	35·97	215	164
2.—MERSEY. Lower. 244 sq. mi.										
D D	SPEKE (Liverpool Airport) .. (+ A)	SJ(33)415839	77	30·5	27·67	156	120	37·74	204	152
D D	Halewood (Sewage Works)	SJ(33)461854	30	34·1	29·06	165	120	38·35	211	166
D D	Widnes (Laboratory)	SJ(33)513842	26	...	27·27	160	122	35·28	204	157
D D	Widnes (Catherine Street)	SJ(33)513849	30	31·5	27·81	152	129	35·00	194	156
D D	Widnes (Corporation Depot) .. (+ A)	SJ(33)507852	24	...	28·50	152	124	37·12	206	169
D D	Great Sankey (Liverpool Road) (+ A)	SJ(33)552889	65	32·9	29·03	162	128	36·59	205	163
D D	Cronton (Pex Hill, Old Reservoir) ..	SJ(33)502889	228	34·4	29·48	149	127	38·57	188	163
D D	Liverpool (Rathbone Road)	SJ(33)391907	198	34·7	28·41	158	127	35·18	203	164
D D	Liverpool (Brecksid Park) .. (+ A)	SJ(33)376928	132	...	30·06	167	120	37·85	205	164
D D	Liverpool (Queens Drive)	SJ(33)361950	119	35·1	34·04	159	143	40·57	193	171
d d	Warrington (Highways Yard)	SJ(33)603881	43	33·7	27·69	...	115	35·52	...	...
D D	Winwick (Pumping Station)	SJ(33)605931	115	34·2	29·50	165	123	38·43	207	164
M M	Prescot	SJ(33)473936	282	35·6	33·06	...	...	40·65	...	...
D D	St. Helens (Eccleston Hill)	SJ(33)488941	250	34·4	30·10	169	127	39·27	203	161
D	St. Helens (Victoria Park)	SJ(33)508963	145	...	28·77	163	126	...	...	...
D	Newton le Willows (Vista Avenue) ..	SJ(33)573959	145	...	26·32	185	122	...	...	...
D D	St. Helens (Windle Hall)	SJ(33)500976	160	34·3	28·29	161	130	39·03	197	167
d d	Litherland (Hatton Hill Park)	SJ(33)335976	59	31·1	28·95	...	118	36·96	...	157
D	Leigh (Sewage Works)	SJ(33)661993	67	34·4	...	...	...	37·08	189	165
D D	Rainford (Rookery Sewage Works) ..	SJ(33)485999	107	35·2	30·23	159	126	42·05	199	168
D D	Hindley (Platt Bridge Sewage Wks.) ..	SD(34)609025	91	37·6	28·64	170	128	41·39	207	167
d d	Atherton (Cemetery)	SD(34)666029	165	38·7	33·24	...	...	48·10	...	...
3.—MERSEY. Irwell. 299 sq. mi.										
D D	Stretford (Longford Park)	SJ(33)807948	85	...	28·97	152	119	41·57	199	160
D D	Manchester (Hullard Park)	SJ(33)823962	100	34·7	26·77	162	112	40·13	205	160
D D	Urmston (Davyhulme Sewage Works)	SJ(33)756962	72	33·6	27·48	155	106	38·27	193	150
d d	Patricroft (Eccles Sewage Works) (+ A)	SJ(33)760974	71	34·0	28·08	134	108	37·88	169	150
D D	Salford (Weaste Sewage Works) ..	SJ(33)794980	70	35·0	28·44	155	113	40·52	218	165
D D	Swinton (Sewage Works) .. (+ A)	SD(34)773003	144	...	28·96	155	113	41·70	205	161
D D	Ashton-under-Lyne (Knott Hill Res.) ..	SD(34)958014	605	42·1	31·61	175	135	45·50	226	172
D D	Prestwich (Sewage Works)	SD(34)800033	150	...	31·03	171	123	43·73	217	167
D D	Prestwich Reservoir	SD(34)812032	340	41·7	30·13	157	118	44·89	212	169
D D	Prestwich (Heaton Park)	SD(34)825043	325	42·4	30·54	163	123	44·12	212	168
D D	Prestwich (Heaton Park Reservoir) ..	SD(34)824047	355	...	32·74	166	128	45·48	210	173
D D	Oldham (Alexander Park)	SD(34)931039	548	...	34·43	177	127	47·38	222	171
d	Oldham (Gasworks)	SD(34)958066	602	43·5	34·58	...	...	...	...	...
d	Oldham (Glodwick)	SD(34)939046	638	...	...	...	...	47·09	...	...
d d	Whitefield Park	SD(34)807061	340	...	34·70	...	100	47·86	...	...
D D	Bolton (Hacken Sewage Works)	SD(34)737075	182	45·0	32·87	165	122	48·69	217	172
D D	Oldham (Brushes Clough)	SD(34)956097	921	49·5	40·76	172	133	55·72	237	182
D D	Royton (Sewage Works)	SD(34)907072	430	...	30·19	169	121	41·67	217	167
d d	Bolton (Bradshawgate)	SD(34)721091	299	44·9	31·92	...	...	47·20	...	...

§ Gauge over-sheltered.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOUTH LANCASHIRE—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
3.—MERSEY, Irwell—(contd.)										
D D	Bolton (Heaton Reservoir)	SD(34)687096	500	46·9	36·29	175	128	53·85	214	182
M M	§Bolton W.W. (Harpers Farin)	SD(34)668114	872	47·6	38·41	...	...	58·60	...	...
D D	BOLTON (Hall i' th' Wood) .. (+ A)	SD(34)724116	352	...	36·66	178	128	53·25	221	179
d d	Bolton (Smithhills Hall)	SD(34)700118	510	49·5	37·49	...	131	55·94	...	173
D D	Bury (Sewage Works)	SD(34)804079	220	...	32·44	167	119	45·60	216	165
d d	Bury (Elton Reservoir)	SD(34)792097	294	41·5	32·57	...	...	47·86	...	...
D D	Castleton (Trub Sewage Works)	SD(34)884097	438	...	33·99	154	126	45·86	209	176
D D	Newhey (Sewage Works)	SD(34)933112	513	45·3	35·14	156	126	46·42	207	172
D D	Milnrow (Piethorne, Kitcliffe)	SD(34)961125	766	49·0	41·41	174	137	54·84	232	191
D D	Milnrow (Piethorne, Cold Greave)	SD(34)967126	832	49·6	41·55	167	135	55·45	223	190
D D	ROCHDALE (Roch Mills S. Wks.) (+ A)	SD(34)886129	362	...	36·81	166	129	49·38	227	182
D	Rochdale (Queensway) (+ A)	SD(34)885108	475	44·2	37·21	162	130	...	...	...
D D	Bury (Gin Hall) No. 1	SD(34)805144	475	47·5	38·97	172	134	53·92	220	180
D D	Bury (Gin Hall) No. 2	SD(34)807141	475	47·9	38·67	172	130	54·26	220	178
D D	Bolton W.W. (Springs) No. 2	SD(34)692142	810	59·3	48·36	185	144	67·43	231	190
M M	Bolton W.W. (Eagley) No. 4	SD(34)703148	546	59·0	45·73	...	...	65·51	...	...
D D	Turton (Turton Tower)	SD(34)731153	584	54·8	43·98	187	137	62·13	242	181
M	§Bolton W.W. (Hordern)	SD(34)664153	1160	58·3	...	...	...	63·12	...	...
D D	§Bolton W.W. (Delph)	SD(34)704156	710	58·4	44·72	180	141	63·26	230	191
M M	Bolton W.W. (Longworth)	SD(34)692161	770	57·0	46·17	...	...	63·25	...	...
D D	Bolton W.W. (Wayoh) No. 3	SD(34)733163	608	55·9	44·96	175	133	61·53	217	182
M M	§Bolton W.W. (Holden's Farm)	SD(34)690170	955	56·0	45·84	...	...	63·69	...	...
M M	Bolton W.W. (Top-o'-th'-Brow)	SD(34)709170	935	60·1	49·17	...	...	66·78	...	...
D D	Bolton W.W. (Entwistle)	SD(34)724173	700	56·4	45·63	188	139	63·72	245	186
M	Bolton W.W. (Bromiley Heys)	SD(34)663169	925	58·2	47·62	...	...	...	...	...
M M	§Bolton W.W. (Moorside)	SD(34)738184	850	56·0	45·32	...	...	62·23	...	...
M M	Bolton W.W. (Clough)	SD(34)687184	1150	58·6	48·86	...	...	64·89	...	...
M M	Bolton W.W. (Cranberry Moss)	SD(34)710192	982	56·5	45·39	...	...	62·21	...	...
M M	Bolton W.W. (Slaters Lane)	SD(34)662192	985	55·9	50·67	...	...	63·78	...	...
M M	Bolton W.W. (Brown Lowe)	SD(34)684193	1200	57·0	46·13	...	...	61·74	...	...
M M	Bolton W.W. (Longshoot)	SD(34)737204	930	56·7	46·65	...	...	62·65	...	...
M M	Bolton W.W. (Ugnow) No. 2	SD(34)758206	1090	56·1	46·96	...	...	62·12	...	...
D D	Rochdale (Hamer Pasture Res.)	SD(34)897161	760	50·3	39·99	151	132	54·73	208	184
D D	Littleborough (Longden End)	SD(34)958140	751	50·6	43·14	178	140	57·43	236	201
D	Littleborough (Hollingworth Lake)	SD(34)941150	610	...	39·25	159	125	...	...	...
D	§Littleborough (Broadhead)	SD(34)971168	1337	...	...	...	...	58·25	237	189
D D	Littleborough (Upper Chelburn)	SD(34)952185	725	49·9	40·10	173	139	53·17	235	196
D D	Littleborough (Chelburn)	SD(34)949188	700	49·7	39·38	173	138	53·49	236	195
d	Ramsbottom	SD(34)794169	418	51·3	...	...	...	55·53	...	...
D D	Edenfield (New Hall Nurseries)	SD(34)807197	800	50·4	45·92	174	128	58·55	231	187
D D	Edenfield (Scout Moor Res.) .. No. 2	SD(34)823193	1275	...	52·95	180	146	71·14	233	195
D D	Waterfoot (Cragg Reservoir)	SD(34)846197	1325	57·9	51·29	192	152	69·52	254	203
D D	Waterfoot (Cowpe Reservoir)	SD(34)843204	925	58·9	50·16	194	138	68·83	248	200
D D	Rochdale (Spring Mill, Whitworth)	SD(34)875168	697	55·5	44·05	174	139	61·73	229	195
D D	Wardle (Watergrove Mill)	SD(34)910183	803	...	43·29	185	144	56·61	259	190
D	Rochdale (Cowm, Whitworth)	SD(34)881185	762	58·0	46·78	174	140	...	...	...
D D	Helmshore (Musbury Valley)	SD(34)770212	750	56·0	47·08	175	143	61·86	228	193
D D	HELMSHORE (Exper. Husbandry Farm)	SD(34)774205	854	60·6	49·50	190	139	63·33	225	184
D D	Haslingden (Holden Wood) .. No. 1	SD(34)774223	690	57·6	44·41	167	136	63·07	222	186
D D	Haslingden (Holden Wood) .. No. 2	SD(34)766227	670	56·1	45·25	167	140	60·45	222	184
D D	Haslingden (Calf Hey) No. 1	SD(34)750222	800	57·3	48·91	167	143	67·79	222	192
D D	Haslingden (Ogden) No. 1	SD(34)761229	740	...	43·49	167	143	58·30	222	185
D D	Haslingden (Ogden) No. 2	SD(34)756224	740	55·7	42·65	167	140	60·42	222	187

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SOUTH LANCASHIRE—(contd.)										
3.—MERSEY. Irwell—(contd.)			ft.	in.	in.			in.		
D D	Bacup (Sheephouse Reservoir)	SD(34)877220	975	56·4	51·24	195	148	65·04	248	199
d	Rawtenstall (Cemetery) (+ A)	SD(34)813233	572	52·5	45·00	160	140	...	...	...
D D	Bacup (Stake Brook)	SD(34)873251	1125	...	43·67	184	144	61·39	240	201
D D	Rawtenstall (Green Fold Res.) . . (+ A)	SD(34)823261	1000	...	43·89	186	143	61·38	253	189
D D	Rawtenstall (Green Fold Res.) . . No. 2	SD(34)829264	1025	...	42·62	185	140	59·80	253	186
D D	Rawtenstall (Clough Bottom) . . No. 1	SD(34)845269	1025	51·4	40·83	167	131	54·23	230	181
D D	Rawtenstall (Clowbridge Res.) . . No. 2	SD(34)828278	930	55·8	46·14	154	140	61·18	206	186
4.—MERSEY. Upper. 54 sq. mi.										
D D	Chorlton-cum-Hardy (Sewage Works)	SJ(33)807931	95	31·9	30·69	167	126	41·46	201	163
D D	Stretford (Sewage Farm)	SJ(33)783933	65	33·5	29·65	160	117	42·19	202	170
d D	Denton (Sewage Works)	SJ(33)921935	190	32·7	24·84	137	110	37·78	201	162
D d	Fallowfield (Platt Field Park)	SJ(33)852943	118	33·2	23·73	164	110	37·21	197	150
	Denton Reservoir	SJ(33)913956	306	36·9	26·71	166	117	39·70	213	163
	Audenshaw Reservoirs	SJ(33)913973	300	37·6	28·52	172	123	41·35	216	161
D D	Ashton-u-Lyne (Henrietta St. Yard) . .	SJ(33)940995	394	39·2	30·01	149	120	44·31	193	165
D D	Lower Swineshaw Reservoir	SK(43)004994	886	44·8	32·99	163	134	49·90	224	183
WW	Swineshaw Moor	SE(44)010008	1340	48·6	35·31	...	...	51·80	...	...
CENTRAL LANCASHIRE. (Area, 536 sq. mi.)										
1.—RIBBLE & C. 326 sq. mi.										
M M	Rivington (Tockholes)	SD(34)663201	970	53·1	45·67	...	...	61·17	...	...
M M	Roddlesworth	SD(34)655216	725	...	43·09	...	...	55·02	...	...
D D	Darwen (Sunnyhurst Hey Res.)	SD(34)677221	915	51·3	46·77	171	139	59·50	219	186
D D	Darwen (Earnsdale Reservoir)	SD(34)670220	705	52·1	46·25	171	140	60·12	219	185
D D	DARWEN (Bold Venture Park)	SD(34)687216	724	54·6	49·18	177	144	66·92	218	194
D D	Darwen (Hoddlesden)	SD(34)718224	680	...	55·68	176	144	71·16	237	199
D D	§Darwen (Daisy Green)	SD(34)726242	969	50·8	56·53	177	145	72·74	237	202
D D	§Darwen (Pickup Bank)	SD(34)721237	727	51·5	56·09	177	144	71·92	237	199
D D	Blackburn (Guide Reservoir)	SD(34)698264	610	43·9	39·40	166	134	50·12	208	179
D D	Blackburn (Witton)	SD(34)669276	315	...	37·75	162	129	48·99	210	179
	Hutton (Lancs. C.C. Hort. Stn.)	SD(34)513268	82	36·8	33·69	...	...	47·46	...	...
D D	Accrington (Oak Hill Park) . . (+ A)	SD(34)765278	645	47·0	41·68	168	132	57·39	229	190
D D	Accrington (Coppo Clough S.W.) (+ A)	SD(34)743294	386	44·4	38·51	159	133	54·16	220	180
d d	Preston (West Cliff)	SD(34)532288	25	36·9	33·30	...	...	41·61	...	...
D D	PRESTON (MOOR PARK) (+ A)	SD(34)537311	108	39·5	32·81	176	119	43·48	221	176
D D	Samlesbury (Sewage Works)	SD(34)621292	240	38·3	31·87	159	120	39·75	198	158
D D	SQUIRES GATE (Blackpool Airport) (+ A)	SD(34)316317	33	33·5	31·39	157	119	41·37	206	164
WW	§Burnley W.W. (Causeway Side)	SD(34)890292	1110	53·8	44·96	...	...	60·62	...	...
WW	§Burnley W.W. (Shedding)	SD(34)893301	960	52·9	43·66	...	...	59·68	...	...
D D	§Burnley W.W. (Cant Clough, S. Side) . .	SD(34)894306	903	53·2	44·50	172	145	57·77	232	191
D D	§Burnley W.W. (Cant Clough, N. Side)	SD(34)890313	896	50·5	42·93	172	145	57·81	232	193
WW	§Burnley W.W. (Rams Clough Head) . .	SD(34)903326	1236	50·9	42·43	...	...	58·75	...	...
D	Huncoat (Burnley Road Reservoir) . .	SD(34)774296	640	43·0	39·46	166	131	...	...	...
D	Huncoat (Burnley Road Res.) . . No. 2	SD(34)773296	613	...	...	...	...	55·89	225	193
D D	Altham (Coke Works)	SD(34)755312	440	...	37·81	160	133	50·37	220	178
D D	Rishton (Sewage Works)	SD(34)738311	300	43·0	38·53	162	132	53·63	219	182
D D	Great Harwood (Parsonage Res.) . .	SD(34)699321	631	41·2	33·81	157	124	46·99	207	178
D D	Great Harwood (Kebb Farm)	SD(34)722328	670	48·4	40·53	174	142	53·30	221	188
d	Burnley (Habergham Eaves)	SD(34)838308	780	...	...	...	...	53·88	...	...

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960			
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
CENTRAL LANCASHIRE—(contd.)				ft.	in.	in.			in.		
1.—RIBBLE & C.—(contd.)											
D D	§Burnley W.W. (Swinden) <i>upper g.</i> ..	SD(34)893331	811	48·6	41·62	166	141	56·57	230	185	
D D	Burnley W.W. (Swinden) <i>lower g.</i> ..	SD(34)885334	745	47·4	39·00	166	140	53·73	230	185	
WW	§Burnley W.W. (Extwistle Moor Top) ..	SD(34)907335	1245	50·5	42·45	...	...	58·88	...	...
D D	Padiham (Altham Sewage Works) ..	SD(34)776331	225	...	37·48	151	132	48·84	199	175	
D D	Padiham (Memorial Park) ..	SD(34)789337	305	...	37·04	173	140	47·60	228	177	
D	BURNLEY (Marsden Hospital) ..	SD(34)855353	655	...	...	...	...	49·29	231	187
D D	Longridge (Alston Reservoir) ..	SD(34)604366	330	41·9	35·41	184	130	47·46	237	177	
	§Nelson (Red Spa Moor) ..	SD(34)910352	1175	50·2	39·94	...	...	60·07	...	...
D D	§Nelson (Coldwell Reservoir) .. No. 3	SD(34)901356	1060	52·5	39·85	181	149	58·62	237	193	
D D	§Nelson (Coldwell Reservoir) .. No. 2	SD(34)900362	960	49·9	38·87	182	148	57·74	237	192	
D D	Whalley (Calderstones Institution) ..	SD(34)725371	198	44·0	35·89	160	131	46·80	216	165	
D D	Nelson (Sewage Works) ..	SD(34)845375	359	45·2	34·05	158	127	48·70	219	165	
D D	NELSON (Walton Lane) .. (+ A)	SD(34)872384	540	44·6	34·74	171	134	48·57	231	181	
D D	Ribchester Institution ..	SD(34)627365	279	44·5	38·63	162	134	50·86	214	179	
D D	STONYHURST College ..	SD(34)692388	377	47·8	37·45	161	134	51·49	214	174	
D D	Longridge (Cowley Brook) ..	SD(34)641392	616	48·0	40·02	182	144	55·06	231	181	
D D	Longridge (Spade Mill) ..	SD(34)618373	362	43·4	38·36	190	136	50·51	231	183	
	Longridge (Jeffrey Hill) ..	SD(34)669399	900	47·9	39·57	...	...	54·70	...	...
D D	Sabden (Churn Clough Reservoir) ..	SD(34)786382	790	47·6	38·34	176	140	54·55	238	188	
WW	Sabden (Craggs Dole) ..	SD(34)783389	1050	49·3	39·27	...	...	55·64	...	...
D D	§Barley (Ogden Reservoir) ..	SD(34)817398	908	55·9	43·59	176	145	59·92	230	186	
D D	§Pendle Hill (Buttock) ..	SD(34)807401	1175	59·2	45·29	175	149	62·12	232	187	
D D	Colne (Swinden Sewage Works) ..	SD(34)874395	422	44·5	34·61	155	136	47·74	212	180	
D d	Colne (Judge Fields) .. (+ A)	SD(34)886406	559	46·4	36·96	162	139	47·60	...	152	
d D	Barrowford Reservoir ..	SD(34)868403	473	46·7	36·30	...	132	44·42	191	174	
D D	Clitheroe (Higher Standen Cottage) ..	SD(34)750403	340	...	38·08	176	135	44·88	218	160	
	§Nelson (Blackmoss Reservoir) ..	SD(34)826414	825	53·0	44·46	...	...	60·63	...	...
D	Foulridge (Lower Reservoir) ..	SD(34)880418	525	...	...	...	...	50·68	224	184
D D	Chatburn School ..	SD(34)769441	322	44·5	34·01	173	140	49·36	219	182	
	Clitheroe (Downham Hall) ..	SD(34)782443	464	43·8	36·00	...	...	48·75	...	...
2.—RIBBLE. Douglas. 156 sq. mi.											
D D	Wigan W.W. (Billinge Higher End) ..	SD(34)525030	374	39·9	34·39	166	135	47·17	201	176	
D D	Wigan W.W. (Worthington) .. (+ A)	SD(34)580102	225	39·8	33·76	161	125	48·39	205	175	
D D	Horwich (Lower Rivington) ..	SD(34)631126	440	41·3	37·08	175	124	52·86	214	176	
MM	Horwich (Gillsbrook Spring) ..	SD(34)635134	598	44·9	39·12	...	...	54·23	...	...
MM	Rivington (Scotchman's Post) ..	SD(34)660146	1425	...	47·60	...	...	65·65	...	...
MM	Rivington (Horden Stoops) ..	SD(34)650154	1065	...	42·68	...	...	57·85	...	...
	Rivington (Brown Hill) ..	SD(34)635157	727	46·4	39·06	...	...	54·27	...	...
D D	§Rivington (Stones House) ..	SD(34)621163	640	...	40·08	179	132	54·70	207	187	
MM	Rivington (Round Loaf) ..	SD(34)632184	970	...	39·77	...	...	51·18	...	...
MM	§Rivington (Great Hill) ..	SD(34)646190	1240	...	42·95	...	...	54·78	...	...
MM	§Rivington (Coppice Stile) ..	SD(34)627191	879	45·0	39·49	...	...	52·11	...	...
MM	Rivington (Pimms) ..	SD(34)652195	987	53·5	45·62	...	...	60·76	...	...
MM	Rivington (Gamekeeper's) ..	SD(34)640209	850	48·4	43·03	...	...	54·58	...	...
D D	Mawdesley ..	SD(34)493150	69	...	34·01	172	125	45·51	215	173	
MM	Chorley (Filter Beds) ..	SD(34)604171	430	42·9	38·46	...	...	50·24	...	...
D D	Chorley (Common Bank S. Wks.) (+ A)	SD(34)565178	187	38·0	34·57	162	125	44·63	206	176	
3.—COAST STREAMS. 52 sq. mi.											
D D	Formby (Victoria Road) ..	SD(34)290084	10	33·3	32·58	170	136	37·14	212	161	
D D	Southport (Sandbrook Road P.S.) ..	SD(34)318119	25	...	31·62	158	129	37·49	188	159	

§ Turf wall around gauge.

¶ Gauge over-exposed.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CENTRAL LANCASHIRE—(contd.)									
3.—COAST STREAMS—(contd.)									
D D SOUTHPORT (Bank End Sew. Wks.) (+ A)	SD(34)371208	16	...	31.22	178	131	37.95	213	164
D D Rufford (Pulmonary Hospital)	SD(34)456164	38	34.0	35.75	169	141	40.91	189	160
D D Crossens (Pumping Station)	SD(34)378206	15	33.4	30.47	160	124	37.72	200	167
d d Watersheddles	SD(34)968379	1115	55.1	43.65	...	...	56.97	...	...
4.—OUSE. Aire. 2 sq. mi.									
NORTH LANCASHIRE. (Area, 609 sq. mi.)									
1.—DUDDON & C. 77 sq. mi.									
D D Barrow-in-Furness (Gasworks)	SD(34)218689	17	40.6	36.04	174	142	43.12	188	161
D D Barrow-in-Furness (Sew. Wks.) (+ A)	SD(34)215688	24	41.1	37.28	176	142	44.97	188	156
D D §BARROW-IN-FURNESS (Boys Gram. Sch.)	SD(34)208207	55	...	40.64	169	141	44.74	199	162
D D Little Urswick (North View)	SD(34)265738	130	48.6	40.34	184	142	53.46	202	169
D D URSWICK Vicarage	SD(34)268742	130	46.4	39.93	180	143	54.67	206	170
D D Dalton-in-Furness (Dowdales)	SD(34)226743	150	46.3	37.95	177	136	53.69	195	162
D D Ulverston (Poaka Beck)	SD(34)240782	512	52.7	42.49	188	149	61.70	203	171
ww §Duddon Valley (Seathwaite Tarn) ..	SD(34)249984	1240	100.3	84.55	...	...	109.35	...	...
2.—LEVEN & C. 135 sq. mi.									
d d Haverthwaite	SD(34)345839	43	56.7	50.80	175	155	66.51	190	177
d d Newby Bridge (Fell Foot)	SD(34)382871	175	58.8	56.53	(199)	160	70.84	232	178
D D Cartmel Fell (Tower Wood)	SD(34)385914	150	61.4	57.01	184	154	71.86	215	178
M M Cartmel Fell (Ghyll Head Reservoir) ..	SD(34)397924	420	63.6	57.61	...	...	70.67	...	...
D D Coniston (Holywath)	SD(34)298979	250	96.9	87.71	200	171	105.30	225	197
d d Near Sawrey (Ferry House)	SD(34)390956	145	61.5	57.67	...	...	72.02	...	...
D D Far Sawrey (Righting House)	SD(34)374962	440	62.1	57.25	188	154	71.52	210	182
d d Hawkeshead (Wraymires Fisheries) ..	SD(34)363974	271	70.5	63.40	188	161	78.55	216	191
d d ||High Wray (Huyton Hill School) ..	NY(35)368019	129	69.1	71.50	181	162	86.92	209	193
3.—KENT & C. 45 sq. mi.									
d d Heysham Harbour	SD(34)401600	36	37.9	32.45	...	...	39.53	...	...
D D MORECAMBE	SD(34)431645	23	38.4	34.60	164	128	47.10	199	171
D D Morecambe (Bare Lane)	SD(34)455644	20	38.5	34.24	175	129	46.05	207	174
D D Carnforth (Pedder Potts Reservoir) ..	SD(34)533700	268	46.7	39.63	180	142	51.18	205	168
4.—LUNE. 135 sq. mi.									
D D GARSTANG (Winmarleigh Hall)	SD(34)469480	68	38.1	33.70	163	126	45.68	206	175
D D Hampson-in-Ellel	SD(34)495541	145	40.2	36.81	171	142	46.59	208	176
M M Bowland Forest (High Salter)	SD(34)617622	1014	61.7	46.47	...	...	64.25	...	...
M Bowland Forest (Whiteray)	SD(34)678613	1139	65.1	56.71	...	...	...	...	...
M M §Bowland Forest (Whiteray No. 44) ..	SD(34)678613	1165	...	57.84	...	...	82.99	...	...
D D Lancaster (Blea Tarn Reservoir)	SD(34)495583	330	45.6	41.32	172	131	56.71	217	185
D d Lancaster (Stodday)	SD(34)460588	25	38.6	34.82	166	128	48.18	...	172
d d Lancaster (Lune Aqueduct)	SD(34)482640	74	41.3	38.35	168	136	51.38	...	...
D D Hornby (The Snab)	SD(34)564682	100	45.7	37.48	179	133	49.02	222	174

§ Turf wall around gauge.

|| Site unorthodox.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960			
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
NORTH LANCASHIRE—(contd.)										
5.—WYRE & C. 213 sq. mi.										
D D	Weeton Reservoir	SD(34)395344	133	38·4	33·42	171	132	46·54	215	181
d D	Fulwood W.W. (Haighton Reservoir) ..	SD(34)574352	264	40·4	33·94	156	126	46·68	205	178
D D	KIRKHAM (Esprick)	SD(34)414317	78	37·8	31·56	162	121	44·84	206	166
D D	POULTON-LE-FYLDE	SD(34)346384	100	...	33·35	162	132	42·83	208	169
D D	St. Michael's-on-Wyre	SD(34)459410	26	37·9	33·88	174	128	45·23	211	172
D M	Fulwood W.W. (Barnsfold Reservoir) ..	SD(34)577416	508	48·0	39·83	177	133	51·58	...	...
D D	Thornton (Council Offices)	SD(34)337420	15	...	35·89	169	131	44·23	204	169
D D	Preesall (Pumping Station)	SD(34)365465	30	35·0	34·43	168	129	44·13	204	166
D D	Garstang (Barnacre Reservoir)	SD(34)528480	616	48·7	47·11	184	142	57·32	220	179
D D	Garstang (Grizedale Reservoir)	SD(34)522483	517	46·3	42·64	184	136	51·33	220	176
M M	Garstang (Calder Intake)	SD(34)544484	632	48·2	43·52	...	...	53·58	...	...
D D	Garstang (Scorton)	SD(34)502488	92	41·8	39·38	172	137	48·45	221	181
M M	Garstang (Grizedale Intake)	SD(34)541496	644	47·2	43·80	...	...	54·85	...	...
D D	Wyresdale (Abbeystead Reservoir) ..	SD(34)563542	366	52·9	48·28	179	152	63·22	223	185
D D	Abbeystead Gardens	SD(34)566544	420	52·6	44·21	181	149	57·25	216	179
D D	Damas Ghyll Reservoir	SD(34)527573	590	49·7	41·21	172	141	57·30	209	181
M M	Quernmore (Old Gauge Basin)	SD(34)541576	963	52·2	46·80	...	...	63·70	...	...
M M	Quernmore (Hare Syke)	SD(34)596576	1610	73·3	55·50	...	...	78·70	...	...
6.—INSULAR. 4 sq. mi.										

DIVISION IX—YORKSHIRE

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

1.—LUNE. 178 sq. mi.									
D D Austwick (Town Head)	SD(34)770687	500	...	37·48	172	132	49·92	221	169
D D Austwick (Springfield)	SD(34)765685	500	...	36·02	184	148	49·42	229	181
M M Great Harlow 31	SD(34)696612	1490	...	63·59	...	...	84·44	...	...
M M §Clapham Common 32	SD(34)729615	1180	...	57·47	...	...	76·69	...	...
D D Sedberg (Brigflatts)	SD(34)642912	305	58·1	45·52	174	144	54·34	196	169
D D Sedbergh School	SD(34)654919	400	...	43·56	177	154	57·14	213	180
2.—RIBBLE. 225 sq. mi.									
D D Colne (Lower Coppy)	SD(34)955408	975	44·5	36·98	184	134	46·24	224	190
D D Colne (Laneshaw Reservoir)	SD(34)943414	795	...	36·29	183	133	45·84	226	192
D D Barnoldswick (County Sec. School) ..	SD(34)883462	567	44·2	38·55	169	135	48·00	221	174
D d Barnoldswick (Greenfield)	SD(34)887481	488	...	32·76	170	129	44·17	...	...
Slaidburn (Hareden Fell)	SD(34)618493	1300	76·9	64·76	...	...	87·11	...	...
D D Slaidburn (Hareden Valley)	SD(34)635503	563	71·9	60·50	203	150	83·66	240	192
D D Slaidburn (Langden Brook)	SD(34)628511	559	73·8	65·17	192	159	84·97	229	193
Slaidburn (Holdron Moss)	SD(34)606511	1300	78·7	67·65	...	...	87·11	...	...
d d §Slaidburn (Dunsop Houses)	SD(34)654515	450	65·9	58·36	152	145	79·53	211	191
d M §Slaidburn (Footholme)	SD(34)652531	565	65·2	54·96	149	145	78·75	...	...
M §Slaidburn (Brennand)	SD(34)632547	820	68·2	...	...	...	76·29	...	...
D Slaidburn (Holdron House)	SD(34)704550	600	61·3	51·45	179	140	...	...	...
D D §Slaidburn (Stocks) No. 10	SD(34)719550	658	...	51·53	184	143	65·74	237	192
D D SLAIDBURN (Stocks) No. 11	SD(34)715549	629	62·2	48·79	184	138	60·81	229	188
D D Slaidburn (Phynis)	SD(34)712544	572	60·3	48·45	181	142	61·88	231	186
M M §Slaidburn (Rushton Hill)	SD(34)733552	625	...	46·09	...	...	60·42	...	...
M Slaidburn (Croasdale Valley)	SD(34)694557	720	72·5	56·00	...	...	...	...	...

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)											
2.—RIBBLE—(contd.)											
M M	§Slaidburn (Upper Croasdale)	.. ..	SD(34)684569	870	...	59.06	...	...	82.09	...	...
M M	§Slaidburn (Croasdale Top)	.. ..	SD(34)668574	1300	...	63.73	...	...	89.90	...	...
d M	§Slaidburn (Whitendale)	.. ..	SD(34)653558	830	72.3	57.34	...	141	76.67	...	...
M M	§Slaidburn (Dalehead)	.. ..	SD(34)733564	610	59.1	50.11	...	...	63.41	...	...
M M	Slaidburn (Holme House)	.. ..	SD(34)725571	601	63.1	51.16	...	...	65.90	...	...
W	§Stocks Reservoir (Island)	.. ..	SD(34)731559	598	...	49.60	...	...	...	...	...
M	Slaidburn (Far Barn)	.. ..	SD(34)746572	675	59.6	47.49	...	...	...	...	...
M M	Slaidburn (Tosside)	.. ..	SD(34)766563	880	...	41.60	...	...	57.70	...	...
M M	Slaidburn (Cabin Hill)	.. ..	SD(34)621563	1559	72.8	51.41	...	...	74.50	...	...
M M	Slaidburn (Baxton Fell)	.. ..	SD(34)673561	1525	...	64.65	...	...	90.02	...	...
M M	§Slaidburn (Merrybent)	.. ..	SD(34)710571	1000	...	59.83	...	...	76.83	...	...
M M	§Slaidburn (Tenters)	.. ..	SD(34)757588	1075	...	47.98	...	...	62.43	...	...
M M	Slaidburn (Saddle Hill)	.. ..	SD(34)690579	1400	72.1	64.46	...	...	82.80	...	...
M M	§Slaidburn (Collyholme)	.. ..	SD(34)716578	650	65.4	55.89	...	...	70.32	...	...
M	Settle (Holden Moor)	.. ..	SD(34)765589	1036	...	47.85	...	...	...	...	...
M M	Settle (Bottoms)	.. ..	SD(34)748585	864	57.9	48.26	...	...	62.55	...	...
M M	§Settle (Swire Clough)	.. ..	SD(34)725595	1190	65.2	52.59	...	...	68.36	...	...
M M	§Settle (Catlow)	.. ..	SD(34)705591	825	...	54.88	...	...	74.00	...	...
M M	Settle (Greet Bridge)	.. ..	SD(34)702589	825	72.7	58.15	...	...	79.94	...	...
M M	§Slaidburn (White Hill)	.. ..	SD(34)677585	1710	...	63.62	...	...	87.36	...	...
M M	Settle (Lamb Hill)	.. ..	SD(34)688592	1328	72.5	62.05	...	...	83.45	...	...
M M	§Slaidburn (Knotteranum)	.. ..	SD(34)737606	1200	...	56.46	...	...	73.02	...	...
M	§Settle (Big Hill)	.. ..	SD(34)765618	975	...	51.12	...	...	...	...	...
M M	§Slaidburn (Red Syke)	.. ..	SD(34)685604	1290	...	63.52	...	...	84.73	...	...
M M	§Settle (Brown Hill)	.. ..	SD(34)756602	910	...	49.21	...	...	64.05	...	...
D	Settle (Gasworks)	.. ..	SD(34)816633	450	46.8	38.84	162	132	...	...	...
D	Giggleswick (Belfield)	.. ..	SD(34)814644	600	...	39.98	154	136	...	...	...
D D	§RIBBLEHEAD (STATION)	.. .. (+ A)	SD(34)766789	1025	78.7	60.44	190	154	76.37	218	189
3.—MERSEY. Irwell. 2 sq. mi.											
D D	Oldham (Strinesdale)	.. ..	SD(34)955064	791	44.4	36.94	160	132	51.29	206	177
4.—MERSEY. Upper. 35 sq. mi.											
W W	§Greenfield (Chew, Blindstones)	.. ..	SE(44)038014	1745	60.5	43.16	...	...	69.49	...	...
W	Greenfield (Chew, Great Gruff)	.. ..	SE(44)032013	1650	60.3	42.53	...	...	...	...	...
D d	§Greenfield (Chew Mount)	.. ..	SE(44)035020	1578	60.3	41.56	201	154	68.07	...	...
W W	§Greenfield (Chew Reservoir)	.. ..	SE(44)046020	1648	...	41.79	...	...	65.00	...	...
W W	§Greenfield (Chew Sluice)	.. ..	SE(44)037029	1670	59.5	42.87	...	...	66.05	...	...
D D	Greenfield (Sewage Disposal Works)	.. ..	SD(34)992043	499	45.3	37.36	179	141	54.53	209	176
D D	§Greenfield (Yeoman Hey)	.. ..	SE(44)022046	784	52.3	43.21	174	146	64.50	228	191
W W	§Greenfield Ashway Moss)	.. ..	SE(44)032046	1581	56.3	46.02	...	...	65.64	...	...
W W	Greenfield (Birchen Clough)	.. ..	SE(44)034050	1018	...	45.08	...	...	66.16	...	...
W W	§Greenfield (Upperwood Moor)	.. ..	SE(44)031063	1518	54.2	43.22	...	...	66.47	...	...
d d	Saddleworth Station	.. ..	SE(44)000064	574	48.3	42.60	...	...	55.88	...	...
D D	Standedge (Castle Shaw Broadhead)	.. ..	SD(34)996102	857	54.6	41.87	185	142	57.75	245	198
D D	Denshaw (Rochdale Road)	.. ..	SD(34)973106	870	51.7	41.19	160	131	56.08	221	186
D D	Denshaw (Ox Hey)	.. ..	SD(34)985104	1031	...	41.66	172	135	59.23	222	195
D D	Denshaw (Crawshaw Hey)	.. ..	SD(34)985108	956	51.7	40.64	172	134	58.03	222	194
D D	Denshaw (New Year's Bridge)	.. ..	SD(34)986107	986	...	39.84	172	134	58.27	222	196
5.—TRENT. Derwent. 9 sq. mi.											
d D	Burbage (Parson's House)	.. ..	SK(43)271810	1309	37.3	27.17	160	117	50.53	215	174
M M	Burbage (Higher Lodge)	.. ..	SK(43)273816	1225	38.0	27.78	...	...	(52.27)	...	...

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)									
5.—TRENT. Derwent—(contd.)									
M M §Burbage (Upper Burbage)	SK(43)264827	1364	...	29·43	...	...	(54·13)	...	...
M M Derwent Dale (Howden Dean) .. No. 72	SK(43)185926	960	51·0	40·01	...	...	59·98	...	...
M M §Derwent Dale (Howden Cl'gh) No. 64A	SK(43)177936	1010	49·9	40·85	...	...	(60·42)	...	...
M M §Derwent Dale (Sandy Lee) .. No. 7A	SK(43)180953	1320	56·4	45·85	...	...	63·63	...	...
6.—TRENT.									
Left Bank Tributaries. 143 sq. mi.									
D D Tickhill (Dadsley Road)	SK(43)591935	60	24·1	14·98	123	77	28·12	170	120
D D Austerfield (Pumping Station)	SK(43)661962	32	23·0	13·48	123	83	26·65	185	118
D D Rossington (Main Colliery)	SK(43)602984	22	24·1	17·10	128	91	30·46	191	130
D D Rossington Bridge (Pumping Station) ..	SK(43)630999	39	...	14·73	116	83	29·03	164	125
D D Balby (Sewage Works) (+ A)	SE(44)569010	29	23·5	17·11	129	88	29·56	171	118
D D Doncaster (Low Pasture Pump. Stn.) ..	SE(44)589022	24	23·4	16·35	119	87	28·65	169	125
D D Nutwell (Pumping Station)	SE(44)633031	22	...	14·63	117	82	28·65	166	133
D D Thornham (Pumping Station)	SE(44)655033	14	...	14·56	116	85	28·84	166	133
D D Doncaster (Runnymede Rd.)	SE(44)597035	36	...	16·53	125	87	28·90	175	124
7.—OUSE. Don. 574 sq. mi.									
M M Burbage (Badger House)	SK(43)286822	1138	...	26·44	...	...	47·14	...	...
D D Woodhouse (Coisley Hill Works)	SK(43)414843	243	28·1	19·48	138	91	36·17	202	134
D D Sheffield (Norton Lees)	SK(43)349838	525	...	23·67	143	97	40·55	213	146
D D †SHEFFIELD (ECCLESALL)	SK(43)322842	689	...	27·80	146	116	45·28	216	159
D D Sheffield W.W. (Redmires Res.) .. (+ A)	SK(43)262857	1110	42·6	32·70	177	123	54·59	233	177
M M Rivelin (Oaking Clough) No. 2	SK(43)246862	1185	44·3	33·05	...	...	52·50	...	...
M M Rivelin (Middle Moss)	SK(43)243871	1168	45·6	33·81	...	...	54·84	...	...
D D Sheffield W.W. (Rivelin) (+ A)	SK(43)287869	564	37·3	29·18	150	113	47·73	212	160
M M Sheffield W.W. (Black Clough)	SK(43)235876	1175	46·4	35·03	...	...	55·50	...	...
D D Sheffield W.W. (Crookes) (+ A)	SK(43)330872	629	31·9	24·74	157	103	41·55	220	156
D D SHEFFIELD (Weston Park)	SK(43)339873	428	30·7	23·96	138	104	40·73	201	158
M M Loxley Valley (Crawshaw Wood)	SK(43)252887	1175	42·2	35·54	...	...	52·99	...	...
M M Loxley Valley (Broadcar)	SK(43)223904	1004	47·1	35·71	...	...	53·86	...	...
M M Loxley Valley (Oakes Fm. Damflask) ..	SK(43)272903	650	38·8	31·14	...	...	49·81	...	...
M M Loxley Valley (Loftshaw Strines)	SK(43)242902	1003	44·8	36·40	...	...	54·86	...	...
D D Loxley Valley (Bradfield Filters)	SK(43)261916	551	39·7	32·30	179	126	50·75	237	171
D D Loxley Valley (Dale Dike Reservoir) ..	SK(43)242917	710	43·3	35·07	172	134	53·40	235	174
M M Loxley Valley (Brogging Moss)	SK(43)211917	1360	52·4	39·06	...	...	(63·10)	...	...
M Loxley Valley (Thornseat)	SK(43)230923	1326	45·7	...	...	...	55·13	...	...
M Loxley Valley (Rocher Flat)	SK(43)267935	1106	39·9	30·75	...	...	...	...	...
M M Loxley Valley (Emlin Moor)	SK(43)247934	998	44·9	34·48	...	...	52·07	...	...
M M §Loxley Valley (White Lee Moor)	SK(43)265946	1170	43·4	34·32	...	...	51·69	...	...
M M Loxley Valley (Hobson Moss)	SK(43)217946	1530	49·9	37·60	...	...	60·95	...	...
D d Rotherham (Ulley Reservoir) .. No. 2	SK(43)455874	184	24·5	17·76	105	88	33·68	...	140
D d Rotherham (Ulley Reservoir) .. No. 3	SK(43)453876	132	24·8	16·88	106	83	33·09	...	138
D D Wincobank (Sewage Works)	SK(43)395917	110	24·4	17·78	114	83	34·34	189	123
D D ROTHERHAM (Broom Lane)	SK(43)435923	282	24·7	18·80	134	94	33·16	195	129
d Rotherham (Kimberworth School)	SK(43)407930	285	25·5	18·24	110	98	...	...	...
D D Rotherham (Aldwarke Sew. Wks.) (+ A)	SK(43)444943	70	25·0	17·36	112	82	30·61	169	115
D D Rotherham (Thrybergh)	SK(43)474961	184	25·4	19·06	123	90	30·85	190	135
D D Rotherham (Thorpe Hesley)	SK(43)386964	201	...	20·28	131	100	35·55	202	137
d d Grenoside (Council Offices)	SK(43)336935	560	29·0	23·44	...	...	40·58	...	...
D D Conisborough (Firsby Reservoir) ..	SK(43)495958	189	26·7	18·35	128	88	31·95	195	132
M §Ewden (Middle Moss)	SK(43)207949	1600	52·9	...	...	...	61·73	...	...

§ Turf wall around gauge.

† M.W.R. from June 1960.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
WEST RIDING—(contd.)		ft.	in.	in.			in.		
7.—OUSE. Don—(contd.)									
M M §Ewden (Broomhead Moor)	SK(43)224956	1370	49.1	35.52	...	...	59.05	...	...
D D Ewden (Canyard Brook)	SK(43)261957	585	40.7	32.38	164	116	51.65	215	170
M M Ewden (Wightwizzle)	SK(43)247956	860	...	35.03	...	...	53.50	...	...
M M Ewden (Candle Rush)	SK(43)203965	1400	52.1	42.19	...	...	60.17	...	...
M M Ewden (Broomhead Hall)	SK(43)242963	905	40.1	33.82	...	...	51.54	...	...
D D Ewden (More Hall Reservoir)	SK(43)289957	408	33.7	27.93	155	108	43.39	217	151
D D §Ewden (Broomhead Reservoir)	SK(43)268961	585	38.0	31.92	169	112	49.42	214	165
M M Ewden (Margery Hill)	SK(43)189957	1784	55.3	46.00	...	...	(63.35)	...	...
M M Ewden (Brown Edge)	SK(43)220969	1325	49.8	40.11	...	...	(60.03)	...	...
D D Wortley (Service Reservoir)	SK(43)308998	700	32.2	26.16	147	104	42.34	203	146
D D Midhope Moor (Barnside)	SK(43)229984	1000	48.5	39.90	168	133	58.12	223	177
M M Little Don Valley (Laund Clough)	SK(43)157990	1515	60.0	46.33	...	...	67.26	...	...
D D Little Don Valley (Underbank Res.)	SK(43)247995	604	37.4	30.74	154	119	46.58	208	156
M M §Little Don Valley (Brockholes)	SE(44)227011	902	38.3	32.91	...	...	49.14	...	...
M M ¶Little Don Valley (Sheep House)	SE(44)252004	945	35.7	29.21	...	...	45.46	...	...
D D Langsett Moor (Midhope)	SK(43)219994	830	46.0	39.38	161	130	55.25	221	172
D D Langsett Moor (Upper Midhope)	SK(43)215999	925	42.0	37.43	173	131	50.51	234	175
M §Langsett Moor (Mickleden)	SK(43)192988	1217	53.8	39.25	...	...	...	...	...
M M Langsett Moor (Mickleden Edge)	SK(43)190985	1110	55.6	40.81	...	...	56.00	...	...
M M §Langsett Moor (Catclough)	SK(43)172984	1516	57.9	45.77	...	...	66.68	...	...
M §Langsett Moor (Fiddlers Green)	SK(43)152999	1492	56.0	...	...	...	63.48	...	...
M M Langsett Moor (Loftshaw Brook)	SK(43)150993	1480	56.7	43.75	...	...	64.91	...	...
M M §Dunford Bridge (Woodland Clough)	SE(44)154001	1440	58.3	51.10	...	...	†67.95	...	...
M M §Dunford Bridge (Brown's Clough)	SE(44)145004	1405	63.3	52.35	...	...	69.45	...	...
M M Langsett Moor (Border Hill)	SE(44)177011	1148	49.9	41.25	...	...	55.00	...	...
D D Langsett Moor (Swinden Lodge)	SE(44)189009	1032	46.5	38.99	170	135	53.61	207	172
D D Langsett Reservoir (+ A)	SE(44)211003	820	41.7	37.07	170	131	52.55	234	171
D D Langsett Moor (Flouch Road)	SE(44)205004	960	44.0	37.46	170	128	50.34	235	167
d d Wath-upon-Dearne	SE(44)435000	250	...	18.06	123	87	30.56	...	...
D D Wath-upon-Dearne (Wath Wood Res.)	SK(43)437993	330	24.4	18.40	124	94	31.21	171	131
ww §Hazlehead (Town Brook Intake)	SE(44)177037	1037	49.8	42.23	...	...	59.05	...	...
ww §Dunford Bridge (Long Grain)	SE(44)166019	1125	54.3	46.33	...	...	62.24	...	...
D D §Wogden Foot (Cat Clough)	SE(44)182025	889	49.7	42.84	180	134	59.25	235	182
D D Doncaster (Pumping Station) (+ A)	SE(44)576040	31	24.6	16.61	121	86	28.94	176	126
M M §Dunford Bridge (Dearden Moss)	SE(44)137015	1500	65.1	47.60	...	...	68.50	...	...
D D Dunford Bridge (Stoney Gate)	SE(44)157010	1086	56.2	47.22	173	141	62.28	234	184
M M §Dunford Bridge (End Springs)	SE(44)130022	1450	67.8	51.50	...	...	69.10	...	...
D D §Dunford Bridge Reservoir	SE(44)151023	1081	56.8	47.79	177	136	61.96	233	182
D D §Dunford Bridge (Harden)	SE(44)150035	1204	55.5	45.69	177	143	59.23	237	188
M M §Dunford Bridge (Reaps Slack)	SE(44)130037	1490	65.3	52.75	...	...	70.65	...	...
D D Barnsley (Worsborough Dale)	SE(44)363035	150	26.5	19.42	120	94	38.96	168	147
D D Darfield (Sewage Works)	SE(44)421038	83	24.8	18.68	118	85	32.52	169	128
D D §Penistone (Royd Moor)	SE(44)222045	835	38.3	32.60	163	124	49.17	221	165
M M Penistone (Gringley Carr)	SE(44)201050	1090	43.0	36.60	...	...	53.29	...	...
D D Penistone (Ingsbirchworth Reservoir)	SE(44)213056	853	39.0	33.57	157	122	48.66	218	172
M M Penistone (Spicer House)	SE(44)204056	985	...	35.10	...	...	51.90	...	...
D D §Penistone (Broadstone Reservoir)	SE(44)195062	1030	44.3	37.43	182	129	54.32	240	174
ww Hepworth (Pottersgate House)	SE(44)190063	1165	41.9	36.28	...	...	50.94	...	...
d d Barnsley (Queens Road)	SE(44)348063	310	26.6	20.71	...	...	37.51	...	...
D D Barnsley (Jordan Hill)	SE(44)336069	460	26.8	19.97	133	89	36.82	201	144
D D Doncaster (Sandall Works) (+ A)	SE(44)601060	41	23.6	16.04	117	88	28.87	176	129
D D Bentley Colliery	SE(44)571073	22	24.4	15.88	118	88	30.39	159	124
D D Cawthorne (Cannon Hall)	SE(44)273084	350	29.1	24.57	138	98	40.23	204	149

§ Turf wall around gauge. ¶ Gauge over-exposed. \$ Gauge over-sheltered. † 1960 readings from new gauge at SE(44)153002.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)					ft.	in.	in.			in.		
7.—OUSE. Don—(contd.)												
d d	Barnsley (Burntwood Hall)	.. ..	SE(44)428093	378	27·3	20·80	...	92	35·06	...	125
D	Kirk Bramwith	.. ..	SE(44)618115	22	23·1	...	...	...	29·86	238	154
D D	Thorne	.. ..	SE(44)675145	15	22·7	15·82	129	84	28·18	183	128
D D	Hemsworth (Fitzwilliam)	.. ..	SE(44)417155	246	23·5	18·01	117	89	31·90	175	132
D	Rawcliffe (Black Drain P.S.)	.. ..	SE(44)690207	10	24·0	...	...	...	27·78	162	135
D D	Goole	.. ..	SE(44)745235	18	24·5	15·29	134	90	29·49	191	140
8.—OUSE. Aire. Calder. 361 sq. mi.												
D D	Great Hey	.. ..	SE(44)104042	1200	67·7	52·45	152	140	70·16	190	170
D D	Hey Springs	.. ..	SE(44)117046	1100	63·7	52·66	152	139	70·40	199	178
D D	Holmbridge (Yateholme)	.. ..	SE(44)111043	1009	63·6	51·79	152	140	70·09	200	183
M M	§Holmbridge (Far Naze End)	.. ..	SE(44)098048	1500	...	57·78	...	...	75·67	...	...
M	§Holmbridge (Red Cabin)	.. ..	SE(44)115036	1510	...	53·82	...	...	...	...	...
D D	Holmbridge (Ramsden)	.. ..	SE(44)116051	861	...	49·16	152	139	65·89	197	182
M M	Holmbridge (Bilberry Reservoir)	.. ..	SE(44)102068	870	...	45·12	...	...	63·22	...	...
D D	Holmfirth (Holne Styes Reservoir)	.. ..	SE(44)142055	925	...	38·49	170	136	54·33	247	180
M M	Holmfirth (Boshaw Whams Res.)	.. ..	SE(44)153057	930	44·8	38·44	...	...	56·52	...	...
M M	§Hepworth (Spring Head)	.. ..	SE(44)179068	1165	42·4	35·70	...	...	52·85	...	...
d d	¶Holmfirth (Snape Reservoir)	.. ..	SE(44)115087	1075	47·2	41·02	...	...	55·42	...	...
M M	¶Meltham (Harden Moss)	.. ..	SE(44)098086	1212	52·9	48·51	...	...	63·19	...	...
M M	Wessenden Head	.. ..	SE(44)068077	1200	50·1	44·92	...	...	59·81	...	...
M M	Wessenden (Holly Bank Moss)	.. ..	SE(44)064082	1065	54·2	46·64	...	...	60·31	...	...
M M	Wessenden (Old Reservoir)	.. ..	SE(44)056087	940	52·4	46·08	...	...	58·99	...	...
d	Standedge (Redbrook Reservoir)	.. ..	SE(44)026102	1150	52·0	45·93	...	...	...	...	...
M M	Wessenden (Butterley Moss)	.. ..	SE(44)047096	1110	50·3	45·06	...	...	57·93	...	...
M M	§Wessenden (Bobus)	.. ..	SE(44)035097	1200	50·5	45·04	...	...	59·44	...	...
	¶Meltham (Brow Grains)	.. ..	SE(44)080105	900	49·7	43·29	191	152	62·54	248	204
	¶Meltham Grange	.. ..	SE(44)087114	850	...	42·50	189	161	60·49	248	199
d d	¶Marsden Reservoir	.. ..	SE(44)046121	657	54·1	46·00	...	...	61·03	...	...
	¶Marsden (Deer Hill)	.. ..	SE(44)070113	1149	...	44·38	183	142	63·44	231	180
D D	Slaithwaite (Blackmoorfoot)	.. ..	SE(44)096130	800	43·1	38·45	172	138	52·55	231	169
	Slaithwaite (Deanhead Reservoir)	.. ..	SE(44)039151	1007	52·2	38·78	...	...	57·01	...	...
D D	HUDDERSFIELD (RAVENSKNOWLE) (+ A)	.. ..	SE(44)163165	325	...	25·64	149	108	41·11	203	152
D D	HUDDERSFIELD (OAKES)	.. ..	SE(44)113177	761	37·6	30·61	174	123	47·24	237	165
WW	Moss Moor (Linsgreave)	.. ..	SD(34)986143	1264	53·6	43·66	...	...	59·59	...	...
D D	Rishworth (Great Wolden Edge)	.. ..	SD(34)996156	1135	52·8	44·30	191	149	61·63	255	200
WW	Rishworth (Long Clough)	.. ..	SE(44)017156	1010	54·8	45·93	...	...	63·39	...	...
WW	Rishworth (Stott Hall)	.. ..	SE(44)032161	935	49·2	42·60	...	...	58·40	...	...
D D	Rishworth Lodge	.. ..	SE(44)026165	950	49·8	42·99	174	148	58·74	236	188
D	Rishworth (Green Withens Res.)	.. ..	SD(34)990166	1205	...	...	...	...	57·95	243	192
W	Rishworth (Lodge Hole)	.. ..	SE(44)021146	1450	...	...	...	...	61·81	...	...
WW	Rishworth (Pike End)	.. ..	SE(44)017168	1225	...	45·62	...	...	62·73	...	...
D D	Rishworth (Ringstone Res.) lower	.. ..	SE(44)048178	962	48·5	40·50	172	134	56·81	233	184
WW	Soyland Moor (Greystones)	.. ..	SE(44)002179	1192	53·6	44·28	...	...	58·25	...	...
WW	Soyland Moor (Waystone Drain)	.. ..	SD(34)998148	1200	55·6	46·79	...	...	60·47	...	...
W	Soyland Moor (Summit) East	.. ..	SD(34)982179	1218	...	...	...	...	53·11	...	...
D D	Soyland Moor (Stansfield Hey) (+ A)	.. ..	SE(44)024189	700	...	35·36	167	137	50·33	235	188
WW	Soyland Moor (Baitings)	.. ..	SE(44)004190	943	52·3	39·22	...	...	54·96	...	...
D D	Soyland Moor (Byron Edge)	.. ..	SD(34)973192	1251	52·2	42·47	170	144	56·31	237	189
WW	Soyland Moor (Manshead)	.. ..	SE(44)004198	1225	52·1	41·61	...	...	58·42	...	...
WW	Soyland Moor (Turvin 1)	.. ..	SD(34)984197	1201	50·5	42·78	...	...	57·86	...	...
WW	Soyland Moor (Turvin 2)	.. ..	SD(34)998214	996	...	38·40	...	...	52·58	...	...
D D	§Walsden (Calf Lee)	.. ..	SD(34)953201	945	50·2	43·35	167	146	58·02	226	194

§ Turf wall around gauge.

¶ Gauge over-exposed.

|| Site unorthodox.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)			ft.	in.	in.			in.		
8.—OUSE. Aire. Calder—(contd.)										
D D	\$Walsden (Warland Reservoir)	SD(34)954215	1250	52·5	47·37	158	144	61·25	217	197
D D	\$Walsden (Warland Drain)	SD(34)971217	1250	54·3	49·45	158	148	64·59	217	197
d D	Horbury (Town Hall)	SE(44)297185	250	25·8	20·44	111	88	35·95	172	142
D D	Wakefield (Sewage Works)	SE(44)346203	80	25·0	19·59	135	97	34·85	210	144
D D	WAKEFIELD (Clarence Park)	SE(44)327199	115	26·4	19·65	130	99	34·15	182	136
D D	Brighouse (Badger Hill Reservoir) ..	SE(44)130207	614	...	29·46	141	119	41·25	193	156
D D	Normanton Sewage Works	SE(44)394241	53	...	18·85	121	97	32·88	180	140
W W	\$Walsden (Ramsden Hill)	SD(34)917208	1326	53·3	53·51	...	...	68·66	...	...
D D	Walsden (Ramsden Reservoir)	SD(34)915214	995	53·5	49·64	171	153	64·98	235	201
D D	Todmorden (Gorpley Reservoir) ..	SD(34)907229	900	57·6	48·71	176	146	64·64	241	205
D	Todmorden (Fielden Hospital)	SD(34)965244	650	51·6	39·10	171	130	...	...	...
D D	Todmorden (Lower Laith)	SD(34)943244	500	51·7	40·35	165	130	55·47	232	187
d d	Halifax (Public Library)	SE(44)085250	625	35·6	27·04	160	118	43·46	...	...
D D	Dewsbury (Mitchell Laithes Sew. Wks.)	SE(44)252202	115	25·6	21·37	143	96	41·00	215	149
D D	Dewsbury (Crow Nest Park)	SE(44)232214	300	27·2	21·94	179	107	38·00	230	147
D D	Heckmondwike (The Bottoms)	SE(44)220224	165	27·4	22·36	141	107	38·27	194	141
D D	Batley (Staincliffe Reservoir)	SE(44)229236	492	27·3	22·96	148	104	37·68	211	146
D D	Ardsley (Jaw Hill Filters)	SE(44)293233	315	25·7	19·86	137	95	37·34	192	143
D D	Ardsley Reservoir (Upper)	SE(44)287248	395	26·0	20·49	142	99	36·64	205	145
D D	Halifax W.W. (Albert Reservoir) ..	SE(44)074256	795	38·6	31·50	158	124	47·69	220	168
D	Halifax (Stannary) (+ A)	SE(44)089257	551	...	...	...	...	43·09	203	154
D D	Todmorden (Eastwood Sew. Wks.) ..	SD(34)970260	368	48·1	40·31	176	133	55·68	239	182
D D	Mytholmroyd (Byclough)	SE(44)019265	450	...	33·83	167	122	50·65	232	175
D D	Mytholmroyd (Redacre)	SE(44)008263	315	...	34·08	169	119	50·13	231	170
D D	Bradford (Harold Park)	SE(44)150292	700	...	28·12	147	112	39·97	203	156
D D	Halifax W.W. (Ramsden Wood) ..	SE(44)059271	815	43·1	33·52	162	126	49·64	223	171
d D	\$Halifax W.W. (Castle Carr Lodge) ..	SE(44)026297	1060	44·2	35·22	152	135	54·57	224	190
W W	\$Halifax W.W. (Gorple Res.) .. No. 2	SD(34)930301	1275	57·6	48·37	...	...	59·65	...	...
W W	\$Halifax W.W. (Copp)	SD(34)957305	1135	53·4	46·93	...	...	61·52	...	...
W W	\$Halifax W.W. (Midgley Moor) ..	SE(44)016306	1350	47·0	43·99	...	...	55·76	...	...
W W	\$Halifax W.W. (Gorple Res.) .. No. 3	SD(34)918311	1160	53·5	47·11	...	...	61·62	...	...
W W	\$Halifax W.W. (Warley Moor) ..	SE(44)032312	1325	47·7	43·34	...	...	55·75	...	...
D D	Halifax W.W. (Ogden)	SE(44)062306	990	42·3	38·37	174	135	50·92	225	176
W W	Halifax W.W. (Ovenden Moor) ..	SE(44)049316	1375	47·9	41·47	...	...	53·76	...	...
D D	\$Halifax W.W. (Gorple Res.) ..	SD(34)944308	1028	55·2	48·01	178	148	63·61	237	195
W W	Halifax W.W. (Widdop Res.) .. No. 4	SD(34)927327	1060	54·5	45·85	...	...	61·73	...	...
D D	\$Halifax W.W. (Widdop Res.) .. No. 2	SD(34)931331	1065	54·2	44·05	175	145	60·31	237	194
W W	\$Halifax W.W. (Widdop Res.) .. No. 3	SD(34)923331	1060	53·2	44·70	...	...	60·69	...	...
D D	\$H'fax W.W. (W'shaw Dean Lodge)(+ A)	SD(34)962335	1040	...	43·63	180	147	58·81	233	199
W W	\$Halifax W.W. (Walshaw Dean) No. 3	SD(34)962344	1180	57·8	46·70	...	...	62·05	...	...
W W	\$Halifax W.W. (Widdop Res.) .. No. 5	SD(34)942348	1280	56·7	45·87	...	...	63·28	...	...
W W	\$Halifax W.W. (Walshaw Dean) No. 4	SD(34)956335	1425	...	46·55	...	...	61·19	...	...
9.—OUSE. Aire. 504 sq. mi.										
D D	PONTEFRAC (The King's School) ..	SE(44)454213	255	23·9	18·73	145	89	32·51	215	132
D D	Pontefract (Roall Waterworks) ..	SE(44)568244	42	24·6	15·86	131	90	30·95	199	140
D D	Goole (Sewage Pumping Station) ..	SE(44)748250	10	26·2	14·30	130	88	29·72	195	138
D D	Rothwell (Lemonroyd Sewage Works)	SE(44)375282	64	24·5	19·97	133	93	33·36	192	134
D D	Selby (Brayton Barff Waterworks) ..	SE(44)585305	173	25·9	16·82	147	100	32·95	196	140
M M	Bradford (Brayshaw Reservoir) ..	SE(44)122306	982	38·3	32·43	...	...	47·70	...	...
D D	Bradford (Bowling Cemetery) .. (+ A)	SE(44)174308	600	35·0	29·39	146	116	41·91	207	155
D D	Bradford (Shearbridge Depot) .. (+ A)	SE(44)152325	400	33·8	29·01	143	111	39·80	174	150
D D	Bradford (Horton Park)	SE(44)146316	597	35·1	30·43	143	127	40·61	193	152

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)			ft.	in.	in.			in.		
9.—OUSE. Aire—(contd.)										
D D	Bradford (Thornton Cemetery) ..	SE(44)088330	1003	38·1	34·09	183	130	46·82	246	169
D D	Bradford (Peel Park)	SE(44)168348	450	33·0	28·49	146	114	41·70	200	162
D D	BRADFORD (Lister Park) .. (+ A)	SE(44)149352	439	33·6	28·73	160	115	41·42	219	156
D D	§Bradford (Thornton Moor Filters) ..	SE(44)051334	1190	48·3	43·86	176	138	54·68	236	176
D D	Bradford (Stubden Reservoir) ..	SE(44)057332	1071	47·5	44·00	186	139	55·74	262	179
M M	Bradford (Nan Scar, Oxenhope) ..	SE(44)037334	1101	49·5	45·26	...	...	56·17	...	...
M M	Bradford (Stairs Top, Oxenhope) ..	SE(44)004339	1360	54·0	46·11	...	...	58·06	...	...
D D	Bradford (Leeming Reservoir) ..	SE(44)040340	850	46·4	40·70	179	134	51·79	250	174
D D	Bradford (Doe Park Reservoir) ..	SE(44)077341	754	42·6	37·48	163	123	51·10	228	166
D D	Bradford (Leeshaw Reservoir) ..	SE(44)011351	875	51·1	43·48	183	145	57·06	233	187
M M	Bradford (Chellow Dean Reservoir) ..	SE(44)124345	645	36·7	32·04	...	...	46·90	...	...
D D	§Bradford (Chellow Heights Reservoir)	SE(44)116352	848	36·8	31·64	167	127	45·07	230	172
D D	Bradford (Hewenden Reservoir) ..	SE(44)072355	707	41·8	35·81	171	120	49·10	246	170
D D	Bradford (Heaton Reservoir) ..	SE(44)145354	531	34·1	27·93	154	115	39·83	214	150
D D	Leeds (Farnley Hall) .. (+ A)	SE(44)248323	405	28·3	21·80	140	99	35·52	201	139
	Leeds (Wortley Reservoir) ..	SE(44)267326	307	28·2	22·37	132	99	36·67	189	136
D	Pudsey (Sewage Works) .. (+ A)	SE(44)234330	314	...	...	...	...	35·50	199	143
	Leeds (Knostrop) ..	SE(44)324313	75	24·1	20·93	125	100	34·17	185	139
	Leeds (Woodhouse Moor) ..	SE(44)291350	307	27·9	23·23	131	106	36·14	182	152
D D	Seacroft (Leeds City Hospital) ..	SE(44)349346	235	...	22·27	119	93	33·63	187	136
D D	Leeds (Allerton Grange Rise) ..	SE(44)305379	450	...	22·83	130	100	37·05	191	138
D D	§Leeds (Westwood Filter Beds) .. (+ A)	SE(44)271371	328	29·4	23·67	150	102	37·75	213	148
D D	Leeds (Roundhay Park) .. (+ A)	SE(44)330383	425	29·8	22·32	133	102	36·96	202	143
D D	Haworth (Harbour Lodge) ..	SD(34)996353	1165	52·9	43·35	193	158	60·11	264	108
D D	Haworth (Lower Laithe Res.) .. (+ A)	SE(44)015367	772	48·5	40·75	177	138	53·20	231	176
D D	§Oakworth (Oldfield Filters) ..	SE(44)003379	978	48·7	40·73	176	147	52·96	237	193
M M	§Oakworth (Keighley Moor) ..	SD(34)981390	1300	52·6	42·72	...	...	55·57	...	...
M M	§Oakworth (Clough Hey) ..	SD(34)998394	1075	50·1	41·57	...	...	55·07	...	...
W	Oakworth (Newsholme Dean) ..	SE(44)019404	675	44·0	35·25	...	...	...	...	...
M M	§Oakworth (Keighley Moor) .. No. 2	SD(34)994408	1025	52·1	43·34	...	...	57·62	...	...
D D	Rawdon (Sewage Works) ..	SE(44)213380	150	28·2	23·17	133	104	35·57	184	141
D D	Rawdon (Micklefield House) ..	SE(44)207398	579	...	23·33	132	100	35·16	196	147
D D	BINGLEY (St. Ives Research Station) ..	SE(44)092389	610	35·7	30·06	152	117	41·65	211	155
D D	§Bingley (Gilthead Filters) ..	SE(44)118393	572	34·7	30·67	169	117	41·14	228	156
D D	Baildon (Weecher Reservoir) ..	SE(44)136423	825	34·4	28·49	180	114	40·33	255	163
D D	Hawthornthwaite (Reva Reservoir) ..	SE(44)153426	735	32·1	24·86	155	114	35·59	211	160
D D	Adel (Lawns Wood Cemetery) ..	SE(44)267391	470	30·5	24·04	164	100	37·22	222	151
D D	Keighley (Hard Ings Lane) ..	SE(44)068421	304	36·4	29·21	139	105	39·57	177	148
d d	Guiselley (Moor Top) ..	SE(44)192435	750	30·3	24·51	138	109	37·80	214	154
D d	Salterforth (Barnoldswick Waterworks)	SD(34)880440	832	49·6	37·22	157	137	43·47	...	...
D D	Earby (Sewage Works) .. (+ A)	SD(34)909472	426	40·9	33·68	154	129	42·97	199	164
D D	Silsden Reservoir ..	SE(44)045476	560	35·3	26·38	159	117	39·06	220	169
M M	Silsden (Cringles Reservoir Site) ..	SE(44)042491	715	34·3	27·15	...	...	40·60	...	...
D d	Elsack (Stories Farm) ..	SD(34)937484	675	41·7	34·63	177	139	44·97	...	...
d d	Skipton (Town Hall) .. (+ A)	SD(34)991518	367	35·4	29·21	...	127	42·33	238	161
d	Winterburn (Long Hill) ..	SD(34)946604	705	...	...	...	...	51·48	...	...
w	Winterburn (Brown Hill) ..	SD(34)934618	961	...	...	...	...	51·66	...	...
d d	Malham (Lee Gate) ..	SD(34)926645	1240	51·6	40·38	...	...	54·06	...	...
D D	Settle (MALHAM TARN) ..	SD(34)893672	1297	60·3	46·02	187	156	61·81	235	193
10.—OUSE. Wharfe. 408 sq. mi.										
D D	CAWOOD (Exp. Husbandry Farm) ..	SE(44)561366	20	24·5	15·35	116	85	30·65	176	130
D D	BRAMHAM (Headley Hall) ..	SE(44)441412	177	26·5	19·86	131	89	33·47	190	138

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959		1960			
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
WEST RIDING—(contd.)											
10.—OUSE. Wharfe—(contd.)				ft.	in.	in.			in.		
		Adel (Eccup, East)	SE(44)309418	375	32.2	25.56	146	102	39.33	209	156
		Harewood (Arthington)	SE(44)261452	139	...	25.58	143	102	38.27	208	154
D d		Harewood House	SE(44)308442	300	32.4	26.01	130	97	37.63	...	...
D d		Otley (Sewage Works)	SE(44)212461	172	...	24.34	129	104	34.79	188	148
d d		ILKLEY (Spence's Garden)	SE(44)113476	315	37.7	27.58	134	118	37.49	...	157
D D		ASKHAM BRYAN	SE(44)552475	90	26.0	18.99	132	90	33.46	183	142
		§Leathley (Lindley Woods)	SE(44)217486	312	31.8	26.94	147	115	39.61	222	156
D D		Ilkley (March Ghyll Reservoir)	SE(44)123510	705	...	30.53	142	127	40.51	210	166
D D		York (Bishopthorpe Road)	SE(44)599498	51	...	17.15	120	82	30.35	173	134
D D		York (Acomb Landing)	SE(44)582526	40	24.7	17.43	142	84	31.64	203	144
M		Skipton (Counter Hill)	SE(44)050500	951	...	...	...	...	40.21	...	...
D D		Skipton (Chelker Reservoir)	SE(44)051517	730	...	26.13	168	126	40.63	230	173
d d		Beamsley (Overdale)	SE(44)077529	420	35.3	30.66	134	117	41.76	...	...
		§Fewston (Timble Ings)	SE(44)156526	912	41.3	32.45	166	125	47.21	227	176
		§Fewston (Swinsty, East)	SE(44)197525	460	34.7	28.40	157	108	41.47	218	153
D D		§Fewston, North	SE(44)187543	525	35.7	29.04	165	111	43.37	231	160
		§Fewston (Blubberhouses)	SE(44)166553	575	39.5	33.00	159	129	48.67	225	171
D D		Bolton Abbey (Estate Office)	SE(44)072540	368	37.5	29.43	154	126	45.84	200	171
D D		§Barden Reservoir	SE(44)035563	746	45.2	37.34	184	141	57.36	245	190
M M		Upper Barden Reservoir	SE(44)016576	1164	50.0	37.38	...	...	57.40	...	...
		§Rocking Moor (Spittle Ings)	SE(44)135567	967	44.5	33.73	141	121	54.37	196	176
		§Thruscross (Lane Head)	SE(44)129588	950	42.0	34.34	141	128	52.24	197	172
M M		§Burnsall (Thorpe Fell)	SE(44)007597	1649	52.2	41.47	...	...	65.65	...	...
		Burnsall (Sandbed Beck)	SE(44)019614	676	44.9	33.43	...	...	...	...	...
		§Braithwaite Moor (High House)	SE(44)136610	1068	46.1	35.80	138	117	53.45	209	163
D D		Threshfield	SD(34)995638	595	...	38.03	187	132	54.53	236	178
D D		Grimwith Reservoir	SE(44)062642	884	46.5	36.77	169	134	54.66	237	178
M M		Grimwith (Trunla Hill)	SE(44)069657	1145	49.1	40.31	...	...	58.78	...	...
D D		Kettlewell	SD(34)971722	694	...	49.96	178	141	63.02	240	185
D D		Litton (Manor Cottage)	SD(34)908741	825	...	51.44	175	148	66.12	236	192
11.—OUSE. Nidd. 254 sq. mi.											
d		Wetherby (Stockeld Park)	SE(44)368492	200	29.0	...	...	...	42.42	...	...
		Spofforth (Sewage Works)	SE(44)377521	181	29.4	22.82	131	103	33.68	186	141
D D		Tockwith School	SE(44)468524	77	27.4	20.37	127	91	34.09	206	146
		§Harrogate W.W. (Ling Cottage)	SE(44)228521	763	34.0	29.73	...	...	44.02	...	...
M M		Harrogate W.W. (Broad Dubb)	SE(44)219530	725	34.6	30.40	...	...	43.84	...	...
M M		Harrogate W.W. (Cobblers Cottage)	SE(44)239525	730	33.9	30.02	...	...	43.74	...	...
D		Harrogate W.W. (Ten Acres Res.)	SE(44)248535	620	...	...	...	...	41.96	233	162
D D		Harrogate W.W. (Scargill Res.)	SE(44)232537	646	35.1	31.25	175	120	43.13	230	161
D D		§Harrogate W.W. (Beaverdyke Res.)	SE(44)229547	600	...	31.16	178	121	47.10	244	178
M M		Harrogate W.W. (John O'Gaunt's)	SE(44)215544	600	...	30.85	...	...	44.62	...	...
M M		§Harrogate W.W. (Long Stoop)	SE(44)212552	700	34.4	31.21	...	...	46.40	...	...
M M		Harrogate W.W. (Knabb's Moor)	SE(44)237557	700	33.2	31.66	...	...	44.83	...	...
D D		Harrogate (Harlow Hill Reservoir)	SE(44)289542	549	...	26.15	134	108	39.13	201	159
D D		Harrogate (Irongatebridge Reservoir)	SE(44)287548	455	32.3	26.13	136	102	39.39	201	154
d d		Knaresborough (Water Tower)	SE(44)348567	240	28.7	22.54	128	100	36.06	190	155
D D		HARROGATE (Bilton Sewage Works)	SE(44)303579	208	31.2	24.51	144	101	37.42	216	154
D D		KILLINGHALL (LEVEN'S HALL)	SE(44)273578	365	...	27.07	138	105	38.56	190	149
d d		Birstwith Hall	SE(44)242583	325	37.0	30.15	...	113	43.71	...	174
D D		Pateley Bridge (Round Hill)	SE(44)127651	865	...	31.68	166	126	50.76	222	170
M M		Ramsgill (Holme House, Gouthwaite)	SE(44)128699	464	41.3	31.86	...	...	50.45	...	...

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WEST RIDING—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
11.—OUSE. Nidd—(contd.)											
D d	Ramsgill (Raygill House)	.. ..	SE(44)110704	925	...	41·68	147	132	57·28	200	179
D D	Ramsgill	.. ..	SE(44)120709	450	44·3	39·96	148	122	55·53	201	177
M M	Nidderdale (East Gill Head)	.. ..	SE(44)037738	1710	61·2	49·81	...	...	73·31	...	...
M M	§Nidderdale (Rain Stang)	.. ..	SE(44)079758	1480	50·8	47·82	...	...	64·42	...	...
M M	Nidderdale (New Houses)	.. ..	SE(44)094768	755	46·3	41·90	...	...	55·28	...	...
D D	Nidderdale (West Houses)	.. ..	SE(44)043766	1165	57·8	56·04	186	150	69·25	226	186
D D	Scar House Reservoir	.. ..	SE(44)065766	1085	48·4	50·72	185	147	66·37	224	184
12.—OUSE. Ure. 110 sq. mi.											
D D	Burton Leonard	.. ..	SE(44)330638	275	27·8	20·72	128	105	33·56	183	147
M M	§Pateley Bridge (Skell Beck)	.. ..	SE(44)188688	900	42·3	30·05	...	...	46·91	...	...
	§Dallow Moor (Harper Hill)	.. ..	SE(44)197702	819	38·6	34·60	149	124	51·17	217	178
D D	Ripon (Whitcliffe Lane)	.. ..	SE(44)307704	135	...	22·02	140	97	32·30	200	142
D D	Lumley Moor Reservoir	.. ..	SE(44)224706	565	...	30·41	147	107	45·38	222	165
D D	§Kirkby Malzeard (Drovers' Inn)	.. ..	SE(44)213722	576	39·0	32·79	167	110	46·57	215	167
	§Kirkby Malzeard (Hawsett)	.. ..	SE(44)184729	820	38·7	34·41	138	97	45·17	183	154
W W	§Kirkby Malzeard (Hambleton Hill)	.. ..	SE(44)160730	1106	40·8	34·75	...	...	52·47	...	...
	§Kirkby Malzeard (Bagwith Brae)	.. ..	SE(44)195747	703	38·6	32·62	144	114	45·79	182	160
W W	§Kirkby M. (Stone & Ears Wham)	.. ..	SE(44)168751	1118	40·9	34·68	...	...	49·47	...	...
EAST RIDING. (Area, 1,176 sq. mi.)											
1.—OUSE.											
Left Bank Tributaries. 82 sq. mi.											
D D	Riccall	.. ..	SE(44)608373	18	24·4	16·04	135	85	30·58	191	137
D D	York (The Retreat)	.. ..	SE(44)615508	60	26·6	19·47	136	94	34·64	189	143
2.—OUSE. Derwent. 248 sq. mi.											
D D	Warter	.. ..	SE(44)862502	290	29·7	18·92	134	102	36·62	196	155
D D	Birdsall Gardens	.. ..	SE(44)815648	308	30·4	23·92	143	112	39·58	215	157
D D	Rillington (Scampston Hall)	.. ..	SE(44)864757	102	28·4	19·99	126	98	32·66	176	152
d d	Ganton (Golf Club)	.. ..	SE(44)983780	100	27·9	23·20	124	99	35·82	187	142
D D	Ganton (Ganton Hall)	.. ..	SE(44)995769	250	28·8	23·87	133	102	39·53	206	152
3.—HUMBER.											
Left Bank Tributaries. 675 sq. mi.											
D D	§SPURN HEAD (R.N. Signal Stn.)	.. ..	TA(54)405114	29	...	16·27	112	82	26·25	173	133
d	Sunk Island (County Primary School)	.. ..	TA(54)266189	8	...	...	...	...	31·53	...	...
D D	Easington (Primary School)	.. ..	TA(54)399194	30	24·2	21·57	133	93	28·84	203	142
D D	Hessle (Sandford)	.. ..	TA(54)026262	90	26·4	18·43	128	97	29·54	205	146
d	Welton (S. Hunsley County Sec. Sch.)	.. ..	SE(44)965268	71	...	...	...	...	28·53	...	...
D D	North Ferriby (Swanland)	.. ..	SE(44)997280	252	...	17·32	125	87	30·37	193	131
D	Preston (S. Holderness County Sec. Sch.)	.. ..	TA(54)191298	18	...	...	...	...	29·58	187	138
D	HULL (Pearson Park)	.. ..	TA(54)084302	8	25·4	17·72	127	93	...	...	...
D D	Hull (Springhead)	.. ..	TA(54)042294	14	25·5	17·79	140	89	29·74	192	139
D D	Burton Pidsea (The Nurseries)	.. ..	TA(54)246314	23	24·8	18·25	129	92	31·69	206	138
D	Willerby (County Sec. Sch.)	.. ..	TA(54)028303	74	...	...	...	...	32·83	176	139
D	Hull (University)	.. .. (+ A)	TA(54)076320	7	...	...	...	...	30·84	183	144
D D	Cottingham (Dunswell Pumping Stn.)	.. ..	TA(54)069350	6	24·8	16·99	133	96	32·56	210	145
D D	Beverley (Laigate)	.. ..	TA(54)033393	34	...	18·37	131	97	32·60	189	140
D D	Beverley (Hull Bridge)	.. ..	TA(54)054417	11	25·8	17·63	122	92	33·86	194	157
D	Market Weighton (County Sec. Sch.)	.. ..	SE(44)885422	156	...	...	...	...	32·26	190	124

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960			
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
EAST RIDING—(contd.)										
3.—HUMBER. L. Bank Tbts.—(contd.)										
D	LECONFIELD	TA(54)026438	24	...	...	...	...	34·15	188	146
D D	Market Weighton (Dalton Holme) ..	SE(44)963453	120	28·5	19·58	144	102	35·04	201	145
D d	Brandesburton Hall (Lodge) ..	TA(54)112477	27	26·3	19·10	122	101	37·02	186	142
D D	Brandesburton (Hempholme Lock) ..	TA(54)080498	11	25·9	18·81	125	100	36·73	188	148
D D	Hutton Cranswick (The Green) ..	TA(54)023522	66	26·2	20·82	132	102	35·99	192	146
D D	Hutton Cranswick (Vicarage) ..	TA(54)025534	79	...	19·12	143	98	35·89	202	148
D	Beeford (County Primary School) ..	TA(54)128542	30	...	...	...	...	38·32	184	140
D D	Driffield (County Secondary School) ..	TA(54)031582	69	...	20·03	126	95	35·72	187	138
D d	Wetwang (Primary School) ..	SE(44)933589	221	...	22·78	146	108	45·68	...	...
D D	Lowthorpe (Woodman's Cottage) ..	TA(54)084608	63	26·3	19·94	136	95	36·81	189	149
d	Sledmere Gardens	SE(44)929646	396	...	...	...	...	44·55	...	...
d d	Langtoft School	TA(54)009670	250	27·8	21·80	123	102	39·73	...	...
4.—EAST COAST STREAMS.										
171 sq. mi.										
D D	Withernsea (High School)	TA(54)337282	34	23·8	20·53	117	84	28·13	174	131
D D	Hornsea (Town Hall)	TA(54)207482	12	24·3	20·28	124	100	34·65	185	145
D D	Burton Agnes (Pumping Station) ..	TA(54)110634	52	26·5	20·40	147	95	39·23	214	152
D D	§BRIDLINGTON (Mill Lane)	TA(54)175689	157	27·4	21·41	141	104	39·64	202	161
D D	HIGH MOWTHORPE	SE(44)885688	574	30·6	24·47	155	108	39·35	219	151
d	Burton Flemming (County Prim. Sch.)	TA(54)084723	128	...	...	...	...	41·32	...	...
D D	Filey (Rosedale Reservoir)	TA(54)114766	197	29·7	25·26	132	98	37·47	191	147
D D	Filey (Pumping Station)	TA(54)114807	123	24·5	24·40	132	96	33·57	201	145
D D	FILEY	TA(54)113801	122	...	25·48	138	101	33·14	194	141
NORTH RIDING.										
(Area, 2,155 sq. mi.)										
1.—OUSE. Ure. 273 sq. mi.										
M M	§Masham Moor (Arnagill Beck West) ..	SE(44)145746	1210	43·3	39·70	...	...	54·63	...	...
M	§Masham Moor (Grey Ridge)	SE(44)120756	1330	46·7	...	...	...	57·86	...	...
M M	§Masham Moor (Low Ash Head)	SE(44)140763	845	44·0	44·73	...	...	56·74	...	...
M	Masham Moor (Agill Head)	SE(44)114766	1380	47·1	43·07	...	...	...	...	...
D	Masham Moor (Roundhill Reservoir) ..	SE(44)151777	790	...	...	...	...	47·13	229	177
	§Masham Moor (Somerside)	SE(44)143773	928	41·5	36·59	155	118	51·87	220	179
W W	§Masham Moor (High Sour Mire)	SE(44)143790	884	39·9	35·13	...	...	49·91	...	...
	§Masham Moor (Leighton Reservoir) ..	SE(44)161790	634	37·5	33·36	164	117	48·19	228	173
	§Masham Moor (Towler Hill)	SE(44)154798	820	38·7	35·09	167	117	49·05	225	168
D D	§Masham Moor (Breary Bank)	SE(44)158802	600	39·2	34·07	167	114	47·93	225	170
	§Masham Moor (Healey Pasture)	SE(44)157808	620	38·2	34·28	166	114	48·76	225	170
	§Masham Moor (Low Houses)	SE(44)137812	693	40·4	34·94	155	115	48·39	228	171
D D	Bishopdale (Longridge)	SD(34)960832	810	57·4	54·62	147	138	63·28	193	168
D	Hawes (Sewage Works)	SD(34)874902	745	57·1	49·52	180	156	...	...	...
D D	Leyburn (Spennithorne)	SE(44)137887	358	31·8	26·80	160	104	38·95	222	148
D D	Leyburn (Bolton Hall)	SE(44)075897	420	34·9	30·50	145	115	42·51	217	173
D D	Askrigg (Yorebridge Grammar School)	SD(34)945907	670	42·2	35·72	158	132	46·68	211	172
D d	Bainbridge	SD(34)934902	710	...	40·86	163	136	52·35	...	...
d d	Hawes Junction (Moorland Cottage) ..	SD(34)807923	1125	72·1	60·21	184	158	73·30	...	...
2.—OUSE. Swale. 569 sq. mi.										
D D	DISHFORTH Airfield (+ A)	SE(44)379723	106	25·0	19·61	132	98	29·83	187	133
d d	Coxwold (The Old Hall)	SE(44)534773	260	28·9	19·36	...	...	33·73	...	...

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORTH RIDING—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
2.—OUSE. Swale—(contd.)											
D d	Thirsk (Topcliffe Airfield) ..	(+ A)	SE(44)405790	81	25·4	20·06	132	90	29·56	...	...
D D	Thirsk (Ashton House) ..	..	SE(44)432808	112	26·6	18·59	142	92	32·28	203	148
d d	Thirsk (Sowerby) ..	..	SE(44)433811	110	26·8	19·30	134	96	31·85	...	...
D D	Thirsk (South Villa) ..	..	SE(44)429818	115	26·8	17·95	132	90	31·68	189	141
	Felixkirk (Thirlby) ..	..	SE(44)490840	315	29·3	20·74	...	...	37·04	...	...
D D	Felixkirk (Mount St. John) ..	(+ A)	SE(44)474848	540	28·9	20·77	145	98	35·80	204	152
	Boltby, East ..	..	SE(44)491866	459	31·4	24·04	...	...	40·26	...	...
d	Maunby Hall ..	..	SE(44)355883	90	26·3	21·25	...	...	...	...	...
D D	Scruton (Post Office) ..	..	SE(44)300923	100	25·9	18·65	120	89	31·08	174	137
d D	Tunstall (Craggs Lane Farm) ..	..	SE(44)199945	550	29·6	21·51	129	100	33·81	180	142
	Mucker (Butter Tubs) ..	..	SD(34)869959	1760	...	46·43	...	...	...	...	...
D D	Swaledale (Rowleth End) ..	..	SD(34)971975	700	45·4	37·37	175	129	52·57	244	179
D D	Swaledale (Gunnerside Lodge) ..	..	SD(34)934982	985	48·1	40·64	171	138	52·02	215	177
D D	Osmotherley (Filter Station) ..	..	SE(44)458968	482	...	24·23	157	114	35·91	222	155
	Osmotherley (Oakdale W.W.) ..	..	SE(44)466966	600	31·8	25·22	...	...	37·69	...	...
D d	Grinton Lodge ..	(+ A)	SE(44)049976	865	...	32·23	174	125	45·37	...	...
D D	Swaledale (Keld) ..	(+ A)	NY(35)893001	1040	59·0	45·95	197	140	62·51	247	199
D D	Richmond (Green Howard Rd.) ..	(+ A)	NZ(45)172016	605	33·4	26·53	153	101	40·72	215	165
d D	Arkengarthdale ..	..	NZ(45)001029	926	...	36·96	181	132	50·16	240	176
M	Tan Hill ..	..	NY(35)889064	1780	...	47·19	...	...	...	...	...
3.—OUSE.											
Left Bank Tributaries. 153 sq. mi.											
D D	YORK (Museum) ..	..	SE(44)598522	57	24·7	18·76	143	94	32·69	213	150
d d	Alne ..	..	SE(44)496653	40	...	18·76	...	...	29·71	...	...
d d	Easingwold ..	..	SE(44)528693	95	...	18·93	141	89	31·25	201	139
4.—OUSE. Derwent. 509 sq. mi.											
d d	Welburn (Castle Howard Fm. Sch.) ..	..	SE(44)736674	110	...	20·75	134	104	35·61	199	153
D D	East Ness ..	..	SE(44)695788	140	...	21·67	159	107	33·38	225	153
D D	AMPLEFORTH ..	(+ A)	SE(44)598789	313	30·0	21·30	138	96	37·49	207	155
D D	Oswaldkirk (Leysthorpe Hall) ..	..	SE(44)636789	231	28·2	21·50	134	100	35·36	211	160
d d	Nunnington Hall Gardens ..	..	SE(44)670794	110	27·0	21·11	106	95	32·88	...	...
D D	Pickering (Porters Headland) ..	..	SE(44)795843	143	...	21·02	154	97	34·53	221	149
d d	Wykeham Nursery ..	..	SE(44)948861	475	...	23·20	...	...	41·79	...	...
D D	Seamer (Irton Pumping Station) ..	..	TA(54)005841	94	27·2	21·96	143	103	40·10	216	158
D	Kirkby Moorside (Welburn) ..	..	SE(44)681846	135	...	...	...	...	36·78	213	161
D D	Scarborough (Osgodby) ..	..	TA(54)056840	166	26·9	22·85	126	100	33·63	185	151
D D	Kirkby Moorside (Ravenswyke) ..	..	SE(44)706873	270	29·4	24·68	129	109	35·06	174	144
D D	Hutton-le-Hole (Elphield) ..	..	SE(44)705900	340	33·2	26·09	148	113	42·73	209	165
D	Cropton (Spiers House) ..	..	SE(44)758918	515	...	...	...	...	44·28	230	160
d	Hawnby ..	..	SE(44)570925	402	...	...	...	...	46·09	240	172
d	Newton on Rawcliffe ..	..	SE(44)824938	550	...	...	...	...	50·56	...	...
D D	§SILPHO MOOR ..	..	SE(44)957946	665	33·6	26·86	165	109	44·85	235	171
d d	Bransdale (Moor Houses) ..	(+ A)	SE(44)633947	880	...	27·05	139	115	39·53	...	...
D D	Farndale (Vicarage) ..	(+ A)	SE(44)672975	495	38·2	31·22	153	117	50·93	217	181
D	Rosedale 17A ..	..	SE(44)708978	746	...	26·87	150	115	...	...	...
M M	Farndale 10 ..	..	SE(44)642997	574	43·3	32·49	...	...	55·10	...	...
M M	Farndale 13 ..	..	SE(44)674997	1055	41·9	38·57	...	...	57·92	...	...
M	§Rosedale 18 ..	..	NZ(45)704007	1337	42·8	32·44	...	...	...	...	...
M	Rosedale 14A ..	..	NZ(45)678018	1339	44·5	31·17	...	...	...	...	...

§ Turf wall around gauge.

DIVISION IX—YORKSHIRE—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORTH RIDING—(contd.)									
5.—ESK & C. 278 sq. mi.									
D D SCARBOROUGH (+ A)	TA(54)044884	118	25·6	23·02	142	104	34·05	213	156
D D Cloughton (Old Mill)	TA(54)010936	150	...	24·30	140	103	38·47	216	159
W W Goathland (Hydro)	NZ(45)835012	450	...	29·05	...	...	46·81	...	...
D d Westerdale	NZ(45)664052	760	...	31·23	147	104	45·95	219	163
d d Danby Lodge	NZ(45)717084	399	37·6	30·31	161	107	48·87	...	...
D D WHITBY (Pannett Park)	NZ(45)895109	135	26·3	22·41	137	99	34·63	185	148
D D Mulgrave Castle	NZ(45)845126	410	28·9	25·12	130	102	37·84	193	159
D D Guisborough (Lockwood Reservoir) ..	NZ(45)668141	632	34·1	27·73	170	114	42·71	246	164
D D Guisborough (Pinchinthorpe House) ..	NZ(45)580149	340	28·9	23·55	133	111	40·53	200	158
D D Guisborough (Waterworks)	NZ(45)638155	600	30·9	24·21	144	104	40·73	224	154
D D Saltburn (North Skelton Mine)	NZ(45)675182	304	29·3	25·45	131	108	36·84	189	142
D D REDCAR	NZ(45)599249	25	23·9	19·54	145	97	30·59	205	132
6.—TEES. 373 sq. mi.									
D D Ingleby Greenhow	NZ(45)585065	500	...	26·10	140	107	40·47	191	151
d d Kildale Hall	NZ(45)611095	600	36·6	29·08	123	105	47·91	194	161
D D Crathorne Hall Gardens	NZ(45)444087	185	25·6	17·88	134	94	29·75	193	140
D D Barningham Park	NZ(45)092099	750	36·5	33·25	153	111	50·07	228	173
d d Yarm (Worsall Hall)	NZ(45)394101	60	25·1	17·80	116	91	30·13	175	126
D D Nunthorpe (The Box)	NZ(45)538149	287	27·8	21·21	144	107	34·76	210	152
D D Middlesbrough (Albert Park)	NZ(45)494191	30	24·3	18·18	140	97	29·78	206	141
D D Middlesbrough (South Bank) .. (+ A)	NZ(45)543198	41	23·9	19·34	121	94	31·68	183	137
M Baldersdale (Aygill)	NY(35)886169	1250	49·7	36·10	...	...	...	...	...
D D Lartington Filters	NZ(45)012180	735	32·8	25·89	168	114	41·53	227	169
M M Baldersdale (Blackton Reservoir) ..	NY(35)930182	937	43·8	31·96	...	...	51·43	...	...
M Baldersdale (Balderhead)	NY(35)886178	1360	50·6	37·60	...	...	...	...	...
D D Baldersdale (Hury Res.) <i>old g. site</i> ..	NY(35)966192	856	37·1	28·94	176	119	43·88	232	177
D D Baldersdale (Hury Res.) <i>new g. site</i> ..	NY(35)967192	862	38·0	27·44	176	115	42·24	232	171
M Lunedale (Dow Crag)	NY(35)838192	1670	60·9	42·70	...	...	...	...	...
Lunedale (Lunehead)	NY(35)850215	1450	60·1	42·60	...	...	...	...	...
M M Lunedale (Selset)	NY(35)918217	1080	42·4	31·14	...	...	46·82	...	...
D D Lunedale (Grassholme Reservoir) ..	NY(35)946224	936	41·0	30·08	162	120	45·39	228	183
Lunedale (Keekham)	NY(35)832222	1660	67·5	49·60	...	...	...	...	...
Lunedale (Hargill)	NY(35)880223	1320	57·3	39·70	...	...	...	...	...

DIVISION X—NORTHERN COUNTIES

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

1.—TEES & C. 396 sq. mi.									
D D Darlington (South Park)	NZ(45)285135	100	25·8	18·83	130	91	32·63	202	138
D D Darlington (Waterworks) .. (+ A)	NZ(45)258139	161	25·2	17·44	131	90	30·49	205	140
D D Darlington (Broken Scar)	NZ(45)256141	158	26·3	17·73	127	89	30·63	205	145
D D Darlington (Coniscliffe Road)	NZ(45)280141	173	...	18·09	124	92	31·78	192	139
D D MIDDLETON ST. GEORGE .. (+ A)	NZ(45)376132	114	23·0	15·50	128	82	27·85	196	129
Egglescliffe (Cranbourne)	NZ(45)419133	93	...	15·95	...	...	30·82	...	...
D D Barnard Castle (Bowes Museum) ..	NZ(45)055166	500	31·5	24·95	159	102	39·66	223	163
D D Long Newton Reservoir	NZ(45)362164	184	25·6	16·96	139	89	32·62	206	153
D D Stockton-on-Tees (Ropner Park)	NZ(45)434182	61	23·6	17·00	111	83	31·08	174	144
D D Stockton-on-Tees (Billingham) .. (+ A)	NZ(45)461224	35	23·7	15·62	118	82	29·16	192	138
D D Staindrop (Raby Castle)	NZ(45)128222	450	30·3	22·26	131	93	33·87	196	151
d d Eggleston (Wood Hill)	NZ(45)028230	1000	34·6	25·42	152	113	43·04	...	...
d d Shildon (Eden Grange)	NZ(45)242254	384	25·4	20·59	136	95	35·82	216	158

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DURHAM—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
1.—TEES & C.—(contd.)									
D D Middleton-in-Teesdale (Newbiggin) ..	NY(35)915276	1000	45·0	31·74	158	116	48·89	219	183
D D Forest-in-Teesdale (+ A)	NY(35)872295	1250	54·9	42·22	228	143	59·20	280	202
D D Embleton (Crookfoot Reservoir) ..	NZ(45)431309	293	24·9	19·48	168	103	33·74	236	157
D D West Hartlepool (Catcote Road) ..	NZ(45)494299	70	...	18·04	140	87	29·10	207	134
D D WEST HARTLEPOOL (The Clock) ..	NZ(45)510327	30	24·5	19·41	141	94	28·97	196	133
D D West Hartlepool (Waterworks) ..	NZ(45)509334	35	24·0	19·70	153	97	29·44	208	142
D D Hurworth Burn Reservoir	NZ(45)409333	357	26·0	17·88	133	86	32·93	210	134
D D Hartlepool (Hart Reservoir)	NZ(45)483343	172	22·9	19·29	159	99	29·27	226	143
D D Shotton (New Winning Pump. Stn.) ..	NZ(45)407383	402	29·2	20·02	148	95	37·19	228	146
D D Peterlee (Shotton Hall) (+ A)	NZ(45)417399	406	...	20·63	150	95	35·40	208	154
D D Easington (Mill Hill Reservoir) ..	NZ(45)413427	521	27·7	19·89	142	90	33·21	209	150
D D Seaham (Dalton Pumping Station) ..	NZ(45)409471	345	27·9	19·05	136	91	31·29	210	138
2.—WEAR. 464 sq. mi.									
d d Stanhope (Parson Byers Quarry) ..	NY(35)997376	860	33·1	26·78	...	...	40·63	...	...
M M Burnhope (Grass Meres)	NY(35)825372	1850	59·7	55·78	...	...	72·89	...	...
M M §Burnhope (Lodgegill Mine)	NY(35)802375	1950	65·8	58·34	...	...	72·25	...	...
D D Burnhope Reservoir	NY(35)850391	1160	54·7	43·15	173	140	58·06	233	208
M §Plover Hill	NY(35)831401	1790	...	...	...	...	67·45	...	...
M M §Cowshill (Wellheads Hush)	NY(35)826404	1690	56·9	49·25	...	...	66·60	...	...
D D Durham (HOUGHALL Hort. Station) ..	NZ(45)277405	160	27·9	19·23	139	98	33·08	206	159
D D DURHAM (Univ. Observatory) (+ A)	NZ(45)267415	336	26·3	17·30	135	91	30·81	210	147
D D §Weardale W.W. (Tunstall Reservoir) ..	NZ(45)063407	724	34·5	27·29	145	114	45·92	220	182
D d USHAW COLLEGE	NZ(45)219436	594	29·2	18·37	117	86	34·58	201	147
M M Weardale W.W. (Waskerley 6)	NZ(45)042430	1229	35·4	27·58	...	...	47·23	...	...
M M §Weardale W.W. (Waskerley 3)	NZ(45)004433	1429	36·6	30·24	...	...	51·19	...	...
D D §Weardale W.W. (Waskerley)	NZ(45)022444	1179	35·6	27·38	169	116	49·43	236	191
§Weardale W.W. (Waskerley 1)	NZ(45)026451	1317	...	28·57	...	...	48·11	...	...
D D Lanchester (Craigmere)	NZ(45)166471	400	29·7	19·85	135	82	37·85	215	161
D D §Consett (Crockhall Sewage Works) ..	NZ(45)125505	700	...	23·37	140	94	39·21	210	164
D Lanchester (Langley Close)	NZ(45)173494	756	...	18·98	134	85	...	...	...
D d South Moor (Colliery Office)	NZ(45)190516	616	29·8	18·93	106	85	35·04	...	...
D D Ryhope (Pumping Station)	NZ(45)404524	228	25·9	16·17	122	85	28·83	187	136
D D Sunderland (Thorneholme)	NZ(45)392561	130	25·3	17·75	111	92	30·66	180	149
3.—TYNE. Lower. 151 sq. mi.									
D D Hunstanworth (Presser Villa)	NY(35)959478	1301	...	28·23	157	121	45·90	228	183
D D Weardale W.W. (Smiddy Shaw)	NZ(45)039462	1128	35·4	25·97	157	109	44·59	211	177
M M Edmondbyers Common	NY(35)971459	1540	40·9	32·15	...	...	(50·41)	...	...
M M Edmondbyers (Feldon Burn)	NY(35)999461	1230	36·2	29·26	...	...	48·64	...	...
M M Edmondbyers (Harehope Burn)	NZ(45)011482	970	35·1	28·50	...	...	47·77	...	...
M M Hunstanworth (Nookton Burn)	NY(35)909465	1360	43·7	32·25	...	...	51·00	...	...
M M Hunstanworth (Little Nookton)	NY(35)931466	1290	42·0	31·90	...	...	50·40	...	...
D D Hunstanworth (Boltshope)	NY(35)947469	1200	39·5	(31·45)	138	122	50·73	197	178
D d Hunstanworth (Cross Hill)	NY(35)942483	1160	37·6	28·88	146	104	48·03	...	...
D d Edmondbyers Farm	NZ(45)016502	850	33·3	25·15	151	104	44·00	...	...
d d Edmondbyers (Ruffside)	NY(35)989518	730	32·4	25·74	...	109	43·19	...	...
d Edmondbyers (Ridding)	NZ(45)013521	680	30·7	...	...	...	38·60	...	...
d d Hunstanworth (Buckshott)	NY(35)973498	960	35·0	25·08	145	108	43·67	...	...
D D Muggleswick	NZ(45)047500	700	31·5	23·93	147	98	41·35	223	169
D D Westwood (Sewage Works)	NZ(45)096549	255	30·1	23·09	137	94	37·45	213	159

§ Turf wall around gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DURHAM—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
3.—TYNE. Lower—(contd.)										
D D	Rowlands Gill (CHOPWELLWOOD) ..	NZ(45)136580	446	29·1	24·15	163	97	37·46	244	164
D D	GATESHEAD	NZ(45)268604	509	27·6	19·18	128	92	33·77	198	154
d d	Derwenthaugh (Coke Works) ..	NZ(45)192615	50	...	20·64	(139)	(89)	32·88	210	155
D D	Felling-on-Tyne (Sewage Works) ..	NZ(45)311603	175	...	17·66	142	82	30·29	207	146
D D	Sunderland (Cleadow Pumping Stn.) ..	NZ(45)387635	216	25·1	17·74	134	83	29·08	211	137
D D	South Shields (Bents Park) ..	NZ(45)372672	36	26·6	19·37	138	91	30·36	208	148
D D	South Shields (South Pier Works) ..	NZ(45)373678	17	...	18·01	125	87	28·64	189	140
NORTHUMBERLAND.										
(Area, 2,105 sq. mi.)										
1.—EDEN. 20 sq. mi.										
2.—SOUTH TYNE. 232 sq. mi.										
d	Lampert	NY(35)683745	780	...	38·67	...	...	...	...	...
d d	Allenheads	NY(35)860453	1350	49·3	37·64	...	...	56·56	...	...
D	ALLENDALE	NY(35)840559	795	...	28·12	163	116	...	...	...
D D	HAYDON BRIDGE (Sh'toe Tr. Sch.) (+ A)	NY(35)844639	270	29·1	22·18	143	106	31·73	204	153
3.—TYNE. Lower. 227 sq. mi.										
M M	Upper Derwent (Quickleugh) ..	NY(35)889479	1380	45·0	35·30	...	...	56·50	...	...
M M	Upper Derwent (Heatheryburn) ..	NY(35)905492	1250	43·0	33·40	...	...	54·30	...	...
D D	Blanchland (Birside)	NY(35)949507	1090	34·5	26·33	154	121	43·33	217	173
M M	Blanchland (Cowbyers)	NY(35)972516	1060	34·5	26·00	...	...	44·83	...	...
d d	Blanchland (Pennypie)	NY(35)951522	1270	34·2	25·64	...	...	43·13	...	...
M M	Blanchland (Acton Burn)	NY(35)979538	850	32·7	23·71	...	...	38·70	...	...
M M	Whitley Chapel (Ladle Wells) ..	NY(35)878524	1250	...	29·72	...	...	44·59	...	...
D D	Newcastle (Leazes Park)	NZ(45)237651	255	27·7	18·62	142	93	32·26	213	146
D D	Throckley Filters	NZ(45)153668	300	28·7	17·15	136	101	26·94	218	151
D D	Hexham Reservoir	NY(35)931632	325	27·7	22·14	136	99	31·57	198	145
d d	Hexham (Widehaugh Nursery) ..	NY(35)964641	120	26·5	18·57	...	...	29·12	...	...
D D	North Shields (Billy Mill Reservoir) ..	NZ(45)341695	195	26·8	19·68	153	102	32·53	204	156
D D	Tynemouth (Tyne Pier Works) ..	NZ(45)371627	17	25·9	17·43	126	91	29·68	196	146
D D	TYNEMOUTH (Coastguard Station) ..	NZ(45)374694	95	26·6	18·83	131	88	29·80	202	140
D D	Whittle Dene Filters	NZ(45)075675	353	27·9	18·01	134	91	32·53	208	149
d d	Whittle Dene Reservoir	NZ(45)066681	380	27·8	17·75	...	90	32·02	204	147
4.—NORTH TYNE. 433 sq. mi.										
D d	Barrasford	NY(35)921730	207	29·3	22·69	150	105	32·03	...	...
d D	Simonburn (Park End)	NY(35)863739	300	32·2	24·65	132	115	33·85	192	164
M M	Ryal Cottage	NY(35)997748	463	27·9	21·53	...	...	30·20	...	...
M M	Hallington Village	NY(35)977761	467	29·6	21·57	...	...	30·61	...	...
D D	Hallington Reservoir	NY(35)973761	470	29·2	21·91	156	101	30·53	217	159
M M	Hallington (Fawcett)	NY(35)965765	537	29·4	24·38	...	...	33·99	...	...
M M	Hallington (Cheviott)	NY(35)998769	576	28·8	21·60	...	...	30·92	...	...
M M	Camphill	NY(35)916765	650	31·0	26·39	...	...	34·73	...	...
D D	Colt Crag Reservoir	NY(35)929784	655	31·9	25·95	180	124	34·86	227	175
d d	Bower Moor (Bower)	NY(35)834757	500	38·2	32·23	...	...	41·77	...	...
D D	Falstone (Wickhope)	NY(35)676860	550	47·6	39·77	180	139	50·36	229	178
D D	Wark (Stonehaugh)	NY(35)763796	650	...	28·64	163	127	37·40	215	159
M M	Green Crag	NY(35)926813	900	...	26·82	...	...	35·78	...	...

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
NORTHUMBERLAND—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
4.—NORTH TYNE—(contd.)											
D D	BELLINGHAM (Highgreen)	.. ..	NY(35)808911	849	34·7	28·20	170	121	38·67	223	174
D D	KIELDER CASTLE	.. .. (+ A)	NY(35)632936	660	48·1	40·40	182	142	52·66	238	186
d	Kielder (Viaduct Lodge)	.. ..	NY(35)631924	610	50·1	41·33	...	...	...	...	...
M M	§Redewater (Countess Crag)	.. ..	NT(36)708022	1600	55·3	44·74	...	...	59·44	...	...
M M	Redewater (Chattlehope)	.. ..	NT(36)737024	1110	48·7	41·09	...	...	55·01	...	...
D D	Redewater (Catcleugh)	.. ..	NT(36)749031	819	44·1	35·02	181	132	44·46	240	188
W W	§Redewater (Game Park)	.. ..	NT(36)716046	900	49·3	41·55	...	...	55·54	...	...
M	§Redewater (Black Cleugh)	.. ..	NT(36)704053	950	47·9	...	...	...	52·27	...	...
5.—COQUET & C. 840 sq. mi.											
M M	Whittington	.. ..	NZ(45)003703	528	28·6	19·51	...	...	32·53	...	...
M M	Burnside	.. ..	NZ(45)045717	419	27·9	18·06	...	...	32·56	...	...
D D	PONTELAND (Kirkley Hall)	.. ..	NZ(45)150772	220	...	20·81	132	102	32·02	204	157
D D	Blyth (Cowpen Sewage Works)	.. ..	NZ(45)295822	15	...	18·23	118	97	30·15	205	160
d d	Kirkwhelpington	.. ..	NY(35)998844	581	33·9	27·65	...	...	39·53	...	...
D D	Maiden Hall (Stanton Nook)	.. ..	NZ(45)138886	277	30·5	22·12	159	116	37·73	238	165
D D	Morpeth (COCKLE PARK)	.. ..	NZ(45)201912	325	28·7	20·49	157	104	36·36	224	160
d d	Rothley (Harwood)	.. ..	NZ(45)001902	770	36·9	28·97	...	...	43·66	...	...
D D	Font Reservoir (Tynemouth W.W.)	.. ..	NZ(45)049936	620	32·9	27·05	154	120	43·34	215	183
D D	Rothbury (Cemetery)	.. ..	NU(46)055014	300	34·5	25·21	138	107	39·49	219	172
D D	ACKLINGTON Airfield	.. .. (+ A)	NU(46)225007	138	26·3	18·91	137	90	29·54	195	137
D D	Amble	.. ..	NU(46)266047	22	25·5	21·16	129	92	30·85	199	141
D	Callaly Castle Gardens	.. ..	NU(46)052100	350	31·9	23·71	131	100	...	...	...
d d	Uswayford	.. ..	NT(36)887145	1230	43·1	32·76	148	124	50·23	212	185
D D	Howick Hall Gardens	.. ..	NU(46)247175	110	29·6	24·65	148	106	33·02	228	153
D D	Stamford	.. ..	NU(46)225193	175	27·8	20·57	137	100	28·89	204	148
D D	Embleton (Newton House)	.. ..	NU(46)236254	75	27·2	20·95	144	103	30·03	197	150
D D	Belford (Newlands)	.. ..	NU(46)116322	160	25·9	18·81	154	102	29·56	221	152
6.—TWEED. 262 sq. mi.											
D D	Cheviot Hills (Linhope)	.. ..	NT(36)963161	900	40·7	28·33	159	121	45·74	237	193
d d	Cheviot Hills (Southernknowe)	.. ..	NT(36)888246	650	...	31·86	128	102	38·98	185	148
D D	Ilderton (Lilburn Tower Gardens)	.. ..	NU(46)023243	250	31·0	25·58	137	105	37·38	217	165
D	Wooler (Middleton Hall)	.. ..	NT(36)988255	450	...	...	...	...	38·31	200	161
D D	Chillingham Barns	.. ..	NU(46)052262	220	...	21·72	145	94	32·71	218	152
D	Mindrum	.. ..	NT(36)842327	300	28·3	20·96	143	105	...	...	...
D	Mindrum (New Site)	.. ..	NT(36)843327	250	...	...	...	...	30·40	226	162
d d	Cornhill (Pallinsburn)	.. ..	NT(36)911383	135	24·6	17·04	...	84	27·51	...	...
D D	BERWICK-ON-TWEED (Ramparts)	.. ..	NU(46)002528	76	23·3	17·23	139	97	28·39	205	150
7.—INSULAR. 1 sq. mi.											
CUMBERLAND.											
(Area, 1,516 sq. mi.)											
1.—EDEN & SOLWAY. 887 sq. mi.											
d D	Penrith (Hutton John)	.. ..	NY(35)439270	688	48·1	40·72	160	141	50·73	197	170
d d	Penriddock School	.. ..	NY(35)427277	860	49·8	43·21	168	146	51·18	201	165
d D	Penrith (Castle Park)	.. ..	NY(35)514299	490	33·3	32·73	138	122	35·78	181	157

§ Turf wall around gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CUMBERLAND—(contd.)											
1.—EDEN & SOLWAY—(contd.)											
D D	Penrith (NEWTON RIGG)	.. ..	NY(35)493310	560	34.9	32.83	170	132	38.68	212	160
D	Uldale (Chapel House Reservoir)	.. ..	NY(35)260359	620	48.2	42.08	158	148	...	...	...
D D	Penrith (Nunwick Hall)	.. ..	NY(35)553358	290	32.0	27.80	167	125	35.53	212	163
D D	Penrith (Great Salkeld)	.. ..	NY(35)551365	330	32.1	27.96	169	127	34.31	223	164
D D	Troutbeck (Welbank)	.. ..	NY(35)337323	800	67.9	56.33	175	157	67.46	212	184
D D	Renwick	.. ..	NY(35)598433	712	38.7	30.61	188	140	37.72	244	175
d	Wigton (Brookfield)	.. ..	NY(35)242478	110	34.1	30.70	...	...	34.38	213	166
M M	Geltsdale (Old Water)	.. ..	NY(35)590533	990	...	36.94	...	...	41.81	...	...
D D	SILLOTH Airfield	.. .. (+ A)	NY(35)125537	25	35.1	32.31	164	125	35.30	197	146
D D	Geltsdale	.. ..	NY(35)573536	778	38.0	35.22	188	151	39.18	230	182
D D	Castle Carrock	.. ..	NY(35)545551	480	...	27.07	171	123	30.43	207	159
D D	Carlisle (Spital Cemetery)	.. ..	NY(35)390544	114	32.1	25.21	160	128	30.92	200	152
D D	Carlisle (Sewage Works)	.. ..	NY(35)388565	39	31.3	24.07	163	117	29.32	198	148
D d	Longtown (C.A.D.)	.. ..	NY(35)347673	50	33.6	27.36	168	123	29.33	...	...
D D	§SPADEADAM	.. .. (+ A)	NY(35)599720	900	...	41.00	188	148	45.93	237	181
d d	Bewcastle (Ashycroft)	.. ..	NY(35)567769	740	45.6	37.59	...	...	44.14	...	...
2.—DERWENT. 257 sq. mi.											
M	Sprinkling Tarn	.. ..	NY(35)227091	1985	185.0	141.80	...	...	...	...	...
M M	Styehead Tarn	.. ..	NY(35)221097	1472	172.9	139.75	...	...	161.25	...	...
M M	Styehead (A)	.. ..	NY(35)231106	1100	158.0	150.20	...	...	153.75	...	...
M M	Borrowdale (Stockley Bridge)	.. ..	NY(35)233110	585	144.6	134.75	...	...	142.25	...	...
M M	Borrowdale (Seathwaite)	.. ..	NY(35)237119	423	131.6	114.70	...	...	124.00	...	...
M M	Helvellyn (Hill Top Gill)	.. ..	NY(35)318119	1025	104.3	94.25	...	...	112.04	...	...
	§Ullscarf	.. ..	NY(35)295123	2100	124.3	114.01	...	...	127.87	...	...
D D	Thirlmere (The Nook)	.. ..	NY(35)319128	621	98.9	94.26	210	173	106.01	249	195
M M	§Helvellyn (Birkside)	.. ..	NY(35)333133	1900	98.4	95.28	...	...	108.19	...	...
M M	Wythburn	.. ..	NY(35)318138	610	102.0	96.98	...	...	109.57	...	...
M M	Helvellyn (Brown Rigg)	.. ..	NY(35)313143	1400	...	110.98	...	...	123.95	...	...
D d	Borrowdale (The Moraine)	.. ..	NY(35)256143	330	105.4	94.51	197	170	99.07	...	...
M	Helvellyn (Brown Cove)	.. ..	NY(35)327163	1800	97.6	...	...	...	106.37	...	...
M M	§Armboth Fells (The Pewitts)	.. ..	NY(35)290165	1650	101.3	108.10	...	...	120.19	...	...
D D	§Thirlmere (Dale Head Hall)	.. ..	NY(35)314175	620	90.7	87.34	216	174	95.63	254	197
D	Keswick (Derwent Island)	.. ..	NY(35)262224	290	60.5	53.19	162	142	...	...	...
D D	Keswick (Netherholme)	.. ..	NY(35)274229	350	...	52.74	186	150	64.64	208	174
D D	Braithwaite (Black Wood)	.. ..	NY(35)231237	375	67.5	64.12	183	154	73.41	205	177
d	Keswick (Mirehouse)	.. ..	NY(35)232282	330	52.7	...	...	...	59.43	...	...
d	Cockermouth	.. ..	NY(35)116304	118	...	34.89	...	128	...	...	...
3.—WEST COAST STREAMS. 235 sq. mi.											
d d	Bootle (Fellside)	.. ..	SD(34)117882	265	50.2	44.10	...	...	58.33	...	...
d d	Ravenglass (The Grove)	.. ..	SD(34)088965	70	44.1	39.15	...	...	49.23	...	...
D D	SELLAFIELD (Windscale Works)	.. ..	NY(35)027032	43	43.4	38.02	185	158	46.58	198	163
M M	Braystones	.. ..	NY(35)008058	36	41.6	37.41	...	...	45.21	...	...
M M	Wast Water (Wastdale Head)	.. ..	NY(35)186089	270	99.4	75.00	...	...	91.00	...	...
M M	§Ennerdale (Gillerthwaite)	.. ..	NY(35)143140	420	93.0	89.20	...	...	104.50	...	...
d D	Ennerdale (Bleach Green)	.. ..	NY(35)085153	384	...	65.93	186	157	76.81	224	179
D D	Whitehaven (Stanley Pond)	.. ..	NX(25)982143	90	45.0	45.06	169	148	49.50	202	158
D D	St. Bees Head Lighthouse	.. .. (+ A)	NX(25)941143	309	38.4	36.48	173	134	40.83	183	146
D D	Whitehaven (Summergrove)	.. ..	NX(25)999159	283	...	46.91	188	156	52.65	218	166
D D	Workington (Coke Ovens)	.. ..	NX(25)989280	29	38.0	33.84	171	136	40.52	190	143

§ Turf wall around gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CUMBERLAND—(contd.)				<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
4.—DUDDON & C. 50 sq. mi.											
D D	Millom (Lanthwaite)	(+ A)	SD(34)165851	145	56·7	44·70	199	160	61·33	206	175
W	Millom (Baystone Bank Res.)		SD(34)171859	286	...	...	...	...	74·75	...	...
D D	§Ulpha		SD(34)209947	255	80·5	66·98	195	160	95·17	215	187
5.—SOUTH TYNE. 87 sq. mi.											
d d	Nenthead (School)		NY(35)777438	1440	...	42·62	190	146	54·91	...	...
d	Alston (Lawn Cottage)	(+ A)	NY(35)720463	1030	...	...	...	...	47·97	232	187
WESTMORLAND. (Area, 783 sq. mi.)											
1.—EDEN. 373 sq. mi.											
D D	Kirkby Stephen (Eden Place)		NY(35)774096	544	41·9	31·49	146	130	39·61	195	163
M M	§Wastdale Pike		NY(35)535084	1825	100·8	87·46	...	...	96·24	...	...
M M	Mosedale (Mosedale Cottage)		NY(35)496095	1443	101·9	100·06	...	...	110·25	...	...
M M	§Mosedale (Artle Crag)		NY(35)482102	2134	107·2	99·09	...	...	108·83	...	...
M M	Wet Sleddale (Mirethwaite)		NY(35)537107	995	87·9	76·76	...	...	89·57	...	...
M M	§Blea Water		NY(35)456108	1400	117·5	117·07	...	...	135·12	...	...
M M	§Sleddale (High Wether Howe)		NY(35)575111	1620	86·9	77·97	...	...	96·94	...	...
M M	§Mardale (Riggindale)		NY(35)466118	892	102·9	102·80	...	...	118·46	...	...
M	§Shap (Birbeck Fell)		NY(35)565118	935	61·0	...	...	...	72·70	...	...
M M	Swindale Parsonage		NY(35)510129	875	75·3	77·38	...	...	87·53	...	...
M	§Mardale (Whelter)		NY(35)469132	819	94·5	95·89	...	...	...	...	...
M M	§Mardale (Low Raise)		NY(35)454137	2465	111·7	105·52	...	...	120·02	...	...
M M	Shap (Thornship Gill)		NY(35)551132	844	61·8	67·23	...	...	79·75	...	...
M M	§Mardale (Guerness)		NY(35)483135	905	86·0	80·75	...	...	96·90	...	...
M M	§Shap (Tailbert Head)		NY(35)530143	1100	...	70·17	...	...	85·87	...	...
M M	§Hawes Water (Wallow Crag)		NY(35)496149	1412	79·6	78·76	...	...	94·70	...	...
M M	Hawes Water (Naddle House)		NY(35)509153	825	...	70·52	...	...	81·13	...	...
M M	Hawes Water (Sandhills)		NY(35)485153	824	...	74·97	...	...	92·91	...	...
M M	Meassand Beck (Keasgill)		NY(35)461151	1800	87·3	92·16	...	...	105·60	...	...
D D	§Hawes Water (Burn Banks)		NY(35)503159	835	71·6	64·42	185	149	80·88	218	176
M	§Bampton (Atkinson's Grain)		NY(35)456164	2175	...	...	...	...	94·29	...	...
d d	Patterdale (Greenside Mine)		NY(35)364174	1101	95·3	90·84	...	...	92·65	...	...
M M	§Bampton (Sealhole Grain)		NY(35)471166	1775	80·8	84·02	...	...	102·89	...	...
M M	Bampton (Stanegarth)		NY(35)497177	913	64·3	61·29	...	...	72·51	...	...
M M	Cawdale Beck (Howe Grain)		NY(35)478176	1130	74·0	72·84	...	...	87·11	...	...
M M	Heltondale (Kidmoor)		NY(35)482197	1043	...	66·90	...	...	83·55	...	...
D	Martindale (Hallin Bank)		NY(35)430192	650	...	...	...	...	63·25	201	165
D D	Appleby Castle		NY(35)684198	480	36·5	30·08	171	121	35·86	217	155
D D	Appleby (Highfield)		NY(35)688201	480	35·6	30·59	167	133	36·50	207	161
d d	Penrith (Askham Hall)		NY(35)515239	610	...	37·80	...	128	46·78	...	154
D D	Pooley Bridge (Bowerbank)		NY(35)474247	525	42·5	39·62	167	137	44·60	196	162
d d	Temple Sowerby		NY(35)609273	355	32·6	29·82	...	...	34·68	...	...
2.—LEVEN. 60 sq. mi.											
D d	Windermere (Nurseries)		NY(35)410982	350	66·9	60·55	185	157	74·76	222	198
D D	Windermere (Holehird)		NY(35)413007	500	71·1	66·88	199	170	79·82	229	193
D D	Windermere (Brockhole)		NY(35)389009	175	68·6	71·39	182	159	83·44	201	181

§ Turf wall around gauge.

DIVISION X—NORTHERN COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
WESTMORLAND—(contd.)					ft.	in.	in.			in.		
2.—LEVEN—(contd.)												
D D	Windermere (Briery Close)	..	..	NY(35)391019	325	69·2	65·10	196	165	77·18	223	190
d d	Troutbeck (The Howe)	..	..	NY(35)414023	496	73·5	62·75	...	...	78·04	...	...
D D	AMBLESIDE	..	..	NY(35)372040	145	74·4	70·48	186	166	82·05	216	188
D D	Great Langdale (Copt Howe)	..	(+ A)	NY(35)315058	371	...	92·87	200	169	112·39	230	200
D D	Rydal (The Hall)	..	..	NY(35)365065	354	86·1	79·71	201	174	93·23	229	200
D D	Great Langdale (Long House)	..	(+ A)	NY(35)306067	353	108·3	98·95	199	179	116·89	225	200
D D	Grasmere (Woningsworth)	..	..	NY(35)331084	260	...	90·32	193	177	107·43	229	202
3.—KENT. 188 sq. mi.												
d d	Milnethorpe (Crooklands)	..	..	SD(34)535836	156	47·3	46·41	...	151	50·25	...	178
D	Heversham (Plumtree Hall)	..	..	SD(34)496836	120	...	43·87	176	155	...	...	...
D D	Levens (Beathwaite)	..	..	SD(34)487862	125	51·6	53·05	182	159	62·69	213	180
D D	Levens (Bridge End)	..	..	SD(34)475858	23	...	46·84	180	150	55·65	212	181
d d	Killington Reservoir	..	..	SD(34)593908	670	...	51·08	...	158	55·89	...	181
D D	Kendal School	..	..	SD(34)519915	136	51·3	46·90	183	147	52·95	198	169
D D	Kendal (Fisher Tarn Reservoir)	..	..	SD(34)552929	742	55·3	52·04	197	159	58·22	228	190
d	Kendal (Birch Mill)	..	..	SD(34)462948	250	...	...	...	...	62·22	...	...
	Troutbeck (Dubbs Reservoir)	..	..	NY(35)422018	745	...	...	...	...	71·16	...	...
ww	Long Sleddale (Nether Bower)	..	..	NY(35)504024	600	...	66·70	...	...	76·66	...	...
4.—LUNE. 122 sq. mi.												
5.—TEES. 40 sq. mi.												
M M	Lunedale (Conny Pot)	..	..	NY(35)815202	1840	60·7	41·80	...	...	51·90	...	...
ww	Moor House (Burnt Hill Weir)	..	..	NY(35)751331	1840	...	63·47	...	...	72·41	...	...
D D	§MOOR HOUSE (Dufton)	..	(+ A)	NY(35)758328	1840	81·2	63·29	198	171	72·72	250	212
ww	Moor House (Sike Hill)	..	..	NY(35)772321	1840	79·4	61·73	...	...	71·71	...	...
ww	Moor House (Bog Hill Weir)	..	..	NY(35)773327	1700	79·2	61·28	...	...	70·71	...	...

DIVISION XI—MONMOUTHSHIRE, WALES, AND THE ISLANDS

MONMOUTHSHIRE.
(Area, 534 sq. mi.)

1.—RHYMNEY. 39 sq. mi.									
D D Machen (Wyndham St.)	ST(31)210893	250	...	46·74	177	143	62·49	222	176
d Trethomas	ST(31)181893	350	...	...	...	...	72·74	205	181
d d Peterstone (Wentlloog)	ST(31)270802	20	...	38·87	...	147	53·15	...	...
2.—EBBW. 88 sq. mi.									
D D NEWPORT (Cleppa Park E.H.S.) ..	ST(31)279849	75	40·2	39·32	178	138	56·42	191	169
D D Rogerstone (Newport Golf Links) ..	ST(31)268893	304	47·5	45·76	175	146	61·61	215	183
D D Abercarn (Nantydraenog Reservoir) ..	ST(31)188934	690	56·4	56·84	180	144	73·53	223	192
D D Blackwood	ST(31)167973	720	54·7	57·22	168	143	72·89	220	182
D Llanbilleth (Pen-y-Fan)	SO(32)198012	1025	...	58·43	...	...	77·87	220	189
D D Abertillery (The Park)	SO(32)207049	700	58·7	59·90	171	147	81·50	226	193
D D §Cwmtilillery Reservoir	SO(32)221069	1130	...	62·06	180	154	79·13	232	189

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
MONMOUTHSHIRE—(contd.)									
2.—EBBW—(contd.)									
d d Tredegar (Laboratory)	SO(32)144082	950	62·3	65·79	...	...	79·02	...	...
D D TREDEGAR (Bedwellty Park)	SO(32)141086	992	64·4	68·15	179	156	79·44	218	192
D D Tredegar (Nant-y-bwch W.W.)	SO(32)133115	1200	...	68·09	191	157	83·38	235	202
d Ebbw Vale (Iron Works)	SO(32)172098	930	...	...	...	...	74·41	192	168
D D Ebbw Vale Waterworks (Carno S.)	SO(32)164128	1262	64·6	70·66	190	157	82·20	223	200
d d Ebbw Vale (Blaen-y-Cwm Reservoir) ..	SO(32)170130	1340	62·1	64·47	...	...	80·23	...	...
3.—USK & C. 290 sq. mi.									
D D Redwick	ST(31)413841	20	...	32·98	161	120	49·08	203	166
d d Nash	ST(31)344837	20	...	38·20	...	...	53·94	...	...
d Newport (Frobisher Road)	ST(31)336875	28	...	...	...	...	54·43	...	...
d Portskewett (Sudbrook)	ST(31)508874	51	32·9	35·83	...	113	...	...	...
D D Newport W.W. (Ynys-y-fro Farm)	ST(31)285892	140	...	44·16	180	142	61·57	220	183
d d Caerleon (The Croft)	ST(31)338908	54	...	41·14	...	...	56·80	...	...
D D Newport W.W. (Pant-yr-eos Res.) ..	ST(31)254915	435	50·4	58·03	187	155	77·88	230	192
D D Newport W.W. (Llanvaches)	ST(31)428929	460	40·6	39·09	160	131	58·47	218	179
Newport W.W. (Nantypriidd)	ST(31)436944	500	43·6	42·80	...	...	62·44	...	...
D D Cwmbran (+ A)	ST(31)273952	540	...	52·17	167	142	70·28	225	187
D Shirenewton (Filter House)	ST(31)484944	300	40·7	39·87	157	133	...	...	...
Newport W.W. (Newchurch)	ST(31)437964	490	44·9	44·95	...	...	65·65	...	...
D D CRUMBLAND	SO(32)474024	804	...	44·89	168	132	56·89	233	171
D D Usk	SO(32)368018	70	39·7	45·81	155	127	58·65	203	172
D d Abergavenny (Parc Llettis)	SO(32)324109	325	38·5	42·06	146	123	56·66	196	176
D D Abergavenny (Pläs Derwen)	SO(32)304132	220	43·2	46·62	171	130	60·82	227	169
D D Abergavenny (Ty-Clyd)	SO(32)269140	272	46·0	50·88	160	135	67·84	215	182
D D Grwyne Fawr (Coed Dias)	SO(32)275244	900	45·7	55·45	171	150	70·94	236	202
4.—WYE. 117 sq. mi.									
D Chepstow (Bethdour)	ST(31)527936	176	...	36·73	166	130	...	...	...
D D Monmouth (Cornwall House)	SO(32)507127	52	31·1	35·48	145	116	46·24	195	145
d d Llantilio (Crossenny School)	SO(32)393172	530	35·9	41·44	...	...	49·64	176	150
D Skenfrith	SO(32)456204	140	32·7	34·90	150	116	...	...	...
D D Treynw	SO(32)329228	440	40·9	49·85	143	121	62·74	188	162
w Llanthony (Tafolog)	SO(32)276295	850	...	60·30	...	...	...	...	...
GLAMORGAN. (Area, 808 sq. mi.)									
1.—LOUGHOR. 55 sq. mi.									
D D Felindre (Lower Lliw Reservoir) ..	SN(22)649034	416	62·1	64·12	202	171	76·97	230	196
D D Felindre (Upper Lliw Reservoir) (+ A)	SN(22)662058	599	66·5	67·46	208	176	80·65	245	208
2.—GOWER PENINSULA. 62 sq. mi.									
d Gower (Penrice Castle)	SS(21)501880	30	...	...	...	...	60·70	...	...
3.—TAW. 47 sq. mi.									
D D SWANSEA (Victoria Park) (+ A)	SS(21)642923	32	43·0	46·39	185	156	61·29	219	183
d d Clydach (Wernfadog)	SN(22)672001	400	55·7	62·66	...	...	75·38	...	...
d d Clydach	SN(22)695015	78	54·1	63·88	202	184	76·72	...	...
d d Abernant Colliery	SN(22)701082	580	...	65·19	...	...	83·84	...	...
D D Ystalyfera (Wren House)	SN(22)768088	240	70·1	76·17	199	172	83·73	218	198

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

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
GLAMORGAN—(contd.)					ft.	in.	in.			in.		
4.—NEATH. 82 sq. mi.												
D D	Briton Ferry (Cefn Cwrt)			SS(21)752940	503	50·5	53·05	187	160	68·16	222	194
D D	NEATH (Oil Refineries)			SS(21)718957	145	49·5	54·38	190	156	63·83	221	189
D d	Neath (Cimla Reservoir)			SS(21)765963	360	52·9	59·70	181	161	75·64	...	...
D D	Neath (Gnoll Reservoir)			SS(21)764975	204	52·7	57·64	185	157	69·86	216	198
D D	Rhondda W.W. (Llyn Fawr Reservoir)			SN(22)918033	1220	96·0	98·57	201	172	126·62	226	206
d	Resolven (Brynawelon)			SN(22)830021	250	64·1	65·98	...	135	...	...	...
5.—OGMORE & C. 350 sq. mi.												
D D	RHOOSE Airfield			ST(31)060670	20	35·4	34·90	170	131	49·17	212	166
c d	St. Athan			ST(31)026671	50	37·3	35·65	151	137	51·29	...	...
d	Lower Penarth			ST(31)183697	66	36·0	...	...	...	47·23	...	...
D D	Penarth (Cemetery)			ST(31)180702	99	36·5	36·79	171	133	50·22	213	168
D D	Penarth (Alexandra Park)			ST(31)187714	122	38·0	37·46	178	139	50·98	211	170
D D	Dinas Powis (The Gables)			ST(31)151708	70	...	37·20	173	139	53·40	209	180
d d	Cowbridge (St. Mary Church)			ST(31)017717	946	...	37·70	...	...	51·85	...	...
D D	Cardiff (Cogan Pumping Station) ..			ST(31)171729	121	41·3	41·02	175	144	55·60	211	173
d d	Cowbridge (Tair Onen Nursery) ..			ST(31)038742	421	44·2	46·56	...	...	62·36	...	...
d d	Cardiff (St. Fagan's Castle)			ST(31)119773	100	48·3	45·69	...	150	64·43	200	191
D D	Cowbridge (Pwllwy)			SS(21)991766	92	45·0	47·44	180	149	64·97	211	182
d d	PORTHCAWL (Griffin Park)			SS(21)822771	19	38·6	40·65	...	...	50·75	...	173
D D	Merthyr Mawr (Schwyl)			SS(21)888770	45	41·5	41·80	184	139	56·38	208	171
	Merthyr Mawr			SS(21)889779	75	45·6	46·83	...	...	57·24	210	168
D D	Bridgend (Erw Graig)			SS(21)897786	50	44·7	41·64	185	150	53·19	232	184
D d	Bridgend (Tremaine House)			SS(21)923796	140	...	43·66	176	151	57·03	...	...
D	Llantrisant			ST(31)028849	250	...	...	...	...	71·73	204	188
D D	Llanharan (Sewage Works)			SS(21)974821	175	50·0	50·96	184	147	66·09	218	182
d d	Margam (Kenfig Factory)			SS(21)802834	35	39·8	39·73	154	138	53·80	192	172
d d	Coed-Ely Coke Works			ST(31)017857	345	...	59·36	...	...	75·41	...	...
D D	PORT TALBOT			SS(21)789867	24	42·9	42·78	178	147	54·32	214	174
D	Maesteg (Salisbury Road)			SS(21)849910	560	65·8	71·53	199	167	...	...	...
D D	Maesteg (Welfare Park) (+ A)			SS(21)847913	550	72·2	71·85	199	171	91·24	232	202
d d	Pontcymmer			SS(21)903916	560	81·2	81·24	180	164	101·49	...	...
D D	Ogmore Vale			SS(21)934936	834	86·5	94·77	194	173	109·21	221	202
6.—TAFF. 157 sq. mi.												
D D	Rhubina Reservoir			ST(31)150824	336	50·1	46·90	170	148	68·10	205	179
d D	Nantgarw (Coke Ovens)			ST(31)117856	119	...	50·12	161	147	70·80	206	180
D D	Pontypridd (Ty-Gwyn Reservoir) ..			ST(31)063897	725	61·7	61·85	175	159	78·56	202	187
D D	Pontypridd (Boys' Grammar School) ..			ST(31)072906	330	62·2	59·21	176	161	71·47	201	185
D D	Pontypridd (Lanwood Reservoir) ..			ST(31)073908	300	62·5	62·71	170	160	73·76	203	191
D D	Porth Park			ST(31)023911	400	73·3	71·74	194	160	88·12	231	190
D D	§Gelligaled Recreation Ground			SS(21)990948	475	...	70·61	200	162	90·55	234	197
D D	§Treorchy (Pumping Station)			SS(21)965965	515	86·7	89·01	193	168	111·88	233	198
D	Ferndale Park			SS(21)998967	860	79·7	80·11	174	157	...	...	...
D D	Treherbert Park			SS(21)939986	600	92·3	92·14	200	176	110·29	244	202
D D	Mountain Ash (Darranlas Reservoir) ..			ST(31)044991	540	65·0	70·21	190	151	86·99	227	197
D D	§Treherbert (Tyn-y-waun)			SS(21)932994	801	93·6	95·13	196	169	119·45	228	206
D D	Rhonddda (Castell Nos Reservoir) ..			SN(22)964008	1060	86·9	90·24	186	165	110·46	227	201
D D	Rhonddda (Lluest Wen Filter)			SN(22)956015	1200	88·5	95·46	186	169	112·95	226	204
D D	Rhonddda (Lluest Wen Reservoir) ..			SN(22)950015	1280	94·0	93·21	186	168	112·48	226	207
D D	Merthyr Tydfil (Penybryn Filters) ..			SO(32)054077	937	57·2	64·07	200	159	72·50	248	184

§ Turf wall around gauge.

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
GLAMORGAN—(contd.)					<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
6.—TAFF—(contd.)												
D D	Merthyr Tydfil (Bonygarth)	SO(32)047072	770	55·3	64·42	186	153	74·82	236	205	
D D	Dowlais	SO(32)064087	1075	56·7	64·14	175	153	73·48	209	190	
D D	Dowlais (Gwernllwyn)	SO(32)071079	1071	54·1	60·30	174	153	71·29	222	198	
D D	Dowlais (Garth Filter Beds)	SO(32)066096	1245	60·4	67·91	211	180	79·51	238	209	
7.—RHYMNEY. 55 sq. mi.												
D	Cardiff (Roarth Park)	ST(31)199787	51	43·3	53·91	196	169	
D D	CARDIFF (Penylan) (+ A)	ST(31)195793	202	42·1	41·29	185	142	55·29	216	170	
D D	Cardiff (Heath Filters)	ST(31)181799	132	43·8	43·59	180	153	58·40	209	172	
D D	Llanishen Reservoir	ST(31)188815	155	41·4	42·76	182	146	62·62	213	180	
D D	Rhymer Bridge Reservoir (+ A)	SO(32)105110	1150	61·1	70·17	208	179	80·95	244	222	
D	Pendine	SN(22)262085	17	59·82	219	192	
CARMARTHENSHIRE. (Area, 918 sq. mi.)												
1.—TEIFI. 87 sq. mi.												
2.—TOWY & C. 715 sq. mi.												
d	Whitland (Pumping Station)	SN(22)201161	80	76·64	215	190	
d d	Llangain (C.P. School)	SN(22)383157	330	...	50·88	171	144	67·88	
d	Whitland	SN(22)201164	60	51·5	71·18	
D D	Carmarthen (St. Davids Avenue)	SN(22)405202	100	53·0	52·64	209	154	69·91	252	203	
D D	Carmarthen (Cwmornant Reservoir)	SN(22)419211	135	52·0	48·38	186	155	66·00	213	188	
D D	Carmarthen (Fryn-hir)	SN(22)486201	155	53·6	55·59	199	157	72·27	234	201	
D D	Llandilo (Golden Grove Farm Inst.)	SN(22)597203	100	54·2	62·19	204	169	74·57	233	197	
ww	Llyn-y-fan Fach (Waen Sychlwch)	SN(22)803222	1647	106·2	103·67	132·72	
d d	Llyn-y-fan Fach (Nant Coch)	SN(22)803233	1172	82·7	83·86	...	160	100·59	...	188	
ww	Llyn-y-fan Fach (Bua'r Llyn)	SN(22)799219	1650	108·3	112·29	141·90	
d d	Llyn-y-fan Fach (Troed-y-Foel)	SN(22)798238	867	77·2	82·18	...	156	94·15	...	187	
D	Llanddeusant (Pontcrynfe)	SN(22)730241	323	58·5	60·14	184	159	
D D	Conwil-Elvet (Cwmtawel Reservoir)	SN(22)385257	350	61·5	66·26	203	177	83·44	235	204	
D D	Brechfa	SN(22)523298	290	66·4	67·01	215	171	86·71	255	211	
D D	Abergorlech	SN(22)585336	245	60·9	63·10	198	163	85·02	238	208	
3.—LOUGHOR & C. 104 sq. mi.												
D	Llanelly (Penfai House)	SN(22)497015	188	...	47·14	192	159	
D D	Llanelly (Filter Beds)	SN(22)516024	237	52·6	52·96						

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
PEMBROKESHIRE. (Area, 617 sq. mi.)				ft.	in.	in.			in.		
1.—TEIFI. 37 sq. mi.											
2.—NEVERN & C. 91 sq. mi.											
D D	Goodwick (Trenewydd)	.. ..	SM(12)913396	300	39.5	46.08	184	134	55.28	228	181
3.—WEST COAST STREAMS. 82 sq. mi.											
D D	BRAWDY	.. .. .	SM(12)852248	360	...	46.16	165	133	57.31	213	186
4.—CLEDDAU & C. 407 sq. mi.											
D D	Pembroke (Stackpole Court)	.. ..	SR(11)972960	60	41.9	40.17	171	137	54.26	217	180
D	Milford Haven (DALE FORT)	.. ..	SM(12)823052	109	...	...	...	...	40.09	204	162
D	Milford Haven (Grammar School)	.. ..	SM(12)908060	170	38.2	...	...	...	50.62	218	188
D D	MILFORD HAVEN	.. .. .	SM(12)907069	179	...	39.96	166	131	48.62	217	181
d d	Narberth (Blackpool)	.. .. .	SN(22)058137	200	...	56.69	...	...	67.17	...	...
D D	HAVERFORDWEST (Hospital Grounds)	.. ..	SM(12)955153	135	46.4	50.31	174	151	58.36	211	191
D D	§Maenclochog (Ddolwen Bridge)	(+ A)	SN(22)069300	740	63.0	63.60	180	159	79.02	212	197
d D	Letterston (Trecwn House)	.. ..	SM(12)975325	391	52.6	58.96	...	...	70.99	234	196
CARDIGANSHIRE. (Area, 688 sq. mi.)											
1.—DOVEY. 20 sq. mi.											
D D	Machynlleth (Glandyfi)	.. ..	SN(22)690963	40	50.6	46.57	228	167	63.94	261	196
2.—YSTWYTH & C. 347 sq. mi.											
D D	ABERPORTH	.. .. (+ A)	SN(22)247516	376	41.0	39.62	171	136	50.90	214	173
D D	Nantcwnlle (Bwlch-y-graig)	.. ..	SN(22)580595	790	...	46.41	180	158	61.67	249	192
d	Llandyssiliogogo (Dolwylan)	.. ..	SN(22)356573	90	...	41.53	...	...	...	...	...
D	Rhos-y-Garth (Tynant Farm)	.. ..	SN(22)629728	480	...	46.07	178	152	...	...	...
D	Llanafan (School)	.. ..	SN(22)685722	380	...	46.06	174	154	...	...	...
D D	TRAWSCOED	.. .. .	SN(22)674736	200	47.2	43.64	189	156	55.60	197	169
d	Bwlch-y-Gwynt (Cwmystwyth)	.. ..	SN(22)798741	750	...	55.56	...	176	...	...	...
D	Dol y Gors	.. ..	SN(22)745741	790	...	50.81	177	164	...	...	...
d	Cwm Newyddion Uchaf	.. ..	SN(22)709744	530	...	...	...	...	58.19	...	...
D D	CWMYSTWYTH (Pwllpeyan)	.. ..	SN(22)775745	989	...	61.40	213	177	74.90	241	201
D	Llanilar (The Cottage)	.. ..	SN(22)618751	140	...	41.02	182	143	...	...	...
D	Gelmast (Cwmystwyth)	.. ..	SN(22)777756	1110	...	61.34	209	182	...	...	...
D	Abermad (School)	.. ..	SN(22)601760	60	...	38.98	168	148	...	...	...
D	Llanfihangee y Creuddin	.. ..	SN(22)665761	300	...	41.43	182	146	...	...	...
D	Llanfarian (Manse)	.. ..	SN(22)588777	125	...	39.52	183	140	...	...	...
D	Nant Rhys	.. ..	SN(22)838794	1500	...	75.32	224	202	...	...	...
D D	ABERYSTWYTH (Corporation Yard)	.. ..	SN(22)580815	12	37.5	38.52	183	148	50.50	227	176
D D	ABERYSTWYTH (P.B.S.)	.. ..	SN(22)605825	452	41.6	38.18	192	140	51.50	232	180
D D	Aberystwyth (GOGERRDAN)	.. ..	SN(22)627836	103	40.3	39.60	177	145	50.68	207	176
D D	LLETY-EVAN-HEN	.. ..	SN(22)693851	950	...	51.14	201	168	63.96	211	186
d d	§Afon Rheidol (Nant-y-moch)	.. ..	SN(22)763871	1060	76.2	64.24	...	...	82.48	...	170
3.—TEIFI. 260 sq. mi.											
D D	Llandyssul (Joyous Gard)	.. ..	SN(22)414406	390	...	54.22	168	147	62.61	213	182
ww	Llandyssul (Sychpant Horeb)	.. ..	SN(22)406428	341	49.2	48.44	...	...	64.15	...	...
d	Cedrwydd Glas	.. ..	SN(22)190459	40	41.5	...	...	...	52.46	...	...
D	SWYDDFFYNNON (CRUG-LAS)	.. ..	SN(22)696654	540	...	48.19	186	152	62.16	229	198

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
CARDIGANSHIRE—(contd.)										
4.—TOWY. 46 sq. mi.										
5.—WYE. 15 sq. mi.										
M M	§Birmingham W.W. (Llyn Gynon) ..	SN(22)801651	1450	71·8	64·05	...	...	83·90	...	...
M M	§Birmingham W.W. (Bwlchyrhendre) ..	SN(22)807664	1585	71·1	64·25	...	...	84·55	...	...
M M	Birmingham W.W. (Claerddu) ..	SN(22)792686	1425	74·4	65·55	...	...	(86·60)	...	...
D D	§Birmingham W.W. (Abergwngu) ..	SN(22)870734	1150	70·9	72·49	236	192	87·31	269	215
M M	Plynlimon	SN(22)792841	1630	...	84·30	...	...	97·05	...	...
BRECKNOCKSHIRE.										
(Area, 733 sq. mi.)										
1.—TOWY. 17 sq. mi.										
2.—TAWY. 41 sq. mi.										
d	Ystradgynlais (Ynyscedwyn House) ..	SN(22)776096	235	68·4	...	...	...	83·25	231	200
D D	§Swansea W.W. (Nantyrwydd)	SN(22)859181	908	79·5	82·49	206	178	110·25	230	203
3.—NEATH. 48 sq. mi.										
D D	Ystradfellte Reservoir	SN(22)946171	1147	80·7	79·86	193	165	105·64	229	201
4.—TAFF. 48 sq. mi.										
D D	Aberdare (Nanthir Reservoir)	SN(22)989068	860	61·2	66·44	203	154	80·19	238	203
D D	Cardiff W.W. (Cefn-Coed-y-Cymmer)	SO(32)024086	790	57·5	62·39	192	161	73·38	229	195
D D	Taf Fechan (Pontsticill) No. 12 (+A)	SO(32)059116	1033	...	66·74	192	162	82·35	241	209
M M	Taf Fechan (Pontsticill West)	SO(32)043116	1254	...	64·87	...	...	80·31	...	...
D D	Cardiff W.W. (LLWYNON Res.) .. (+A)	SO(32)012115	860	...	67·84	197	161	88·41	248	209
W W	§Cardiff W.W. (Nant Ffynnon)	SN(22)983119	1352	74·9	79·05	...	...	100·12	...	...
M M	Cardiff W.W. (Garn Ddu)	SO(32)027129	1340	72·3	76·49	...	...	96·93	...	...
W W	Cardiff W.W. (Garw-nant)	SN(22)994132	1100	75·7	76·12	...	...	94·10	...	...
W W	§Cardiff W.W. (Nant-Gwineu)	SO(32)017132	1200	69·4	73·72	...	...	88·97	...	...
W W	Cardiff W.W. (Cefn Gougarn)	SN(22)986150	1362	76·0	82·63	...	...	102·13	...	...
W W	Cardiff W.W. (Llysiog)	SO(32)015149	1080	70·1	73·95	...	...	93·16	...	...
D D	Taf Fechan (Pentwyn Res. S.) No. 15	SO(32)056145	1120	71·0	76·98	192	176	93·40	240	213
M M	Taf Fechan (Pentwyn Res. N.) No. 16	SO(32)049158	1090	69·4	74·76	...	...	91·85	...	...
W W	Cardiff W.W. (Twyn-Gareg)	SN(22)984166	1501	83·0	91·96	...	...	107·58	...	...
D D	Cardiff W.W. (Cantref Res.)	SN(22)995155	1120	73·7	76·93	200	177	94·95	252	214
D D	Cardiff W.W. (Beacons Res.)	SN(22)987192	1357	83·9	93·57	200	183	110·51	250	217
W W	§Cardiff W.W. (Nant Penig)	SN(22)977191	2000	94·7	96·74	...	...	116·48	...	...
D D	Cardiff W.W. (Storey Arms Field) ..	SN(22)986200	1430	85·4	100·96	200	189	112·79	251	224
D D	Taf Fechan (Neuadd Res.) .. No. 1A	SO(32)028181	1439	...	90·59	187	172	115·48	223	212
D D	Taf Fechan (Neuadd Res.) .. No. 11A	SO(32)032185	1520	84·9	88·58	188	174	106·94	223	208
M M	Taf Fechan (Neuadd Res.) .. No. 2	SO(32)020192	1983	...	91·45	...	...	114·85	...	...
M M	Taf Fechan (Neuadd Res.) .. No. 5	SO(32)026195	1542	...	91·10	...	...	112·35	...	...
M M	Taf Fechan (Neuadd Res.) .. No. 10	SO(32)032193	1700	77·1	88·75	...	...	112·15	...	...
M M	Taf Fechan (Neuadd Res.) .. No. 7	SO(32)015200	2009	...	92·31	...	...	113·60	...	...
M M	Taf Fechan (Neuadd Res.) .. No. 8	SO(32)019202	1723	89·7	93·50	...	...	117·70	...	...
M M	Taf Fechan (Neuadd Res.) .. No. 6	SO(32)011209	2099	98·9	95·30	...	...	124·60	...	...

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
BRECKNOCKSHIRE—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
5.—RHYMNEY. 2 sq. mi.									
6.—EBBW. 7 sq. mi.									
D D Ebbw Vale W.W. (Llangynidr) 1 ..	SO(32)155139	1413	65.3	70.21	190	152	83.31	223	196
D D Ebbw Vale W.W. (Llangynidr) W3 ..	SO(32)150141	1468	67.8	74.34	190	157	89.61	223	200
D D Ebbw Vale W.W. (Llangynidr) NW2 ..	SO(32)151143	1471	66.1	74.60	190	156	89.89	223	199
D Ebbw Vale W.W. (Carno, E.) ..	SO(32)163136	1399	63.2	...	...	...	81.75	223	196
D D Ebbw Vale W.W. (Carno, W.) ..	SO(32)156132	1412	66.1	73.02	190	156	82.66	223	200
D Ebbw Vale W.W. (Carno, N.) ..	SO(32)159135	1491	64.1	...	...	...	83.65	223	198
7.—USK. 299 sq. mi.									
D D Gilwern (Bryn-yr-Haul) ..	SO(32)230138	575	50.4	58.36	163	140	70.72	225	187
Torpantau (Darenfawr) ..	SO(32)073164	1172	72.7	81.85	...	...	99.10	...	...
Talybont (Glyn Enclosure) ..	SO(32)082167	1172	...	78.65	...	...	98.22	...	...
M M Torpantau (Ynsposte) ..	SO(32)074170	741	70.1	76.76	...	...	92.08	...	...
M M Torpantau (Blaen-caer-fanell) ..	SO(32)058188	1584	75.3	82.17	...	...	101.73	...	...
D Talybont (Ffynonwen) ..	SO(32)091179	629	62.5	...	...	...	80.32	241	198
M M Talybont (Rhyd-Bine) ..	SO(32)091195	1224	...	76.74	...	...	101.91	...	...
D D Talybont (Filter House) ..	SO(32)105206	554	59.3	63.12	189	151	77.76	233	191
M M Talybont (Craig-pwllfa) ..	SO(32)071207	1796	77.9	80.90	...	...	102.28	...	...
D D Talybont (Tyle Clydach) ..	SO(32)099212	709	60.5	65.69	191	152	81.60	232	197
M M Talybont (Nant-y-Llanerch) ..	SO(32)085212	1007	70.7	70.61	...	...	89.82	...	...
M M §Talybont (Cefn Bach) ..	SO(32)080210	1263	...	71.69	...	...	90.71	...	...
d D Crickhowell (Penmyarth) ..	SO(32)187200	350	44.4	51.49	...	137	60.08	199	171
M M Swansea W.W. (Cray Res.) .. No. 2	SN(22)880209	1019	...	90.48	...	...	108.30	...	...
D D Swansea W.W. (Cray Res.) No. 1 (+ A)	SN(22)881218	1043	...	85.96	199	174	99.68	235	203
M M Cray (Cumuchaf) ..	SN(22)896241	940	...	74.00	...	...	(87.55)	...	...
D D Talybont (Ashford) ..	SO(32)123218	390	48.1	54.97	169	132	65.79	230	184
d Llanfrynach (Ty-mawr) ..	SO(32)076258	450	48.9	59.07	...	157	...	...	...
d Trecastle (Blaenau-Lydfert) ..	SN(22)843261	970	65.7	59.55	172	149	...	...	...
D D Brecon (Tairbull School) ..	SN(22)996261	660	53.5	60.62	184	157	74.77	228	187
D D Brecon (Ffrwdgrech) ..	SO(32)029270	560	46.3	51.56	183	148	64.95	229	186
D D Brecon (Waterworks) ..	SO(32)037276	550	45.2	44.14	182	148	57.20	225	188
D D Black Mountains (Blaen-y-cwm) ..	SO(32)246295	1423	56.1	64.90	187	152	83.49	240	208
D D Black Mtns. (The Dam, Grwyne Fawr)	SO(32)233307	1787	58.1	66.53	188	153	86.71	240	208
8.—WYE. 271 sq. mi.									
d d Cathedine Rectory ..	SO(32)145239	650	38.7	41.55	152	131	50.04	...	...
d d Felin Fach ..	SO(32)088333	546	36.5	39.28	...	...	(50.97)	...	...
M M Black Mountains (Blaen Bwch) ..	SO(32)238328	1525	...	64.97	...	...	(90.36)	...	...
M M Black Mountains (Cnapiau) ..	SO(32)241347	1585	...	58.01	...	...	80.27	...	...
D D Talgarth (South Wales Sanatorium) ..	SO(32)136354	500	36.4	36.84	152	136	51.01	204	171
w Llanwrtyd Wells (Llandulas) ..	SN(22)902428	780	...	55.75	...	...	75.79	...	...
w Llanwrtyd Wells (Abernant) ..	SN(22)887464	632	58.5	51.21	...	...	71.79	...	...
D W Garth ..	SN(22)954498	541	51.7	49.02	180	153	62.10	...	...
M Towey Forest ..	SN(22)826513	1440	...	...	...	...	91.40	...	...
M M Nant-y-Brain ..	SN(22)849518	825	...	69.83	...	...	87.65	...	...
M M Llanerch-Yrfa ..	SN(22)836555	1070	...	71.41	...	...	93.69	...	...
M Abergwesyn (Trallwyn) ..	SN(22)878541	1000	79.5	69.40	...	...	...	...	...
D D Beulah (Llwyn Madoc) ..	SN(22)902525	763	62.6	59.33	177	162	70.82	222	203
M M Llanfihangel (Llwyn cynar) ..	SN(22)987568	745	57.4	49.80	...	...	61.70	...	...

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
BRECKNOCKSHIRE—(contd.)									
8.—WYE—(contd.)									
D D Newbridge (Llysdinam)	SO(32)009585	646	44·4	40·58	187	151	52·43	221	181
M M §Birmingham W.W. (Gors-yr-hwch)	SN(22)859600	1805	90·8	77·30	...	...	99·45	...	...
M M §Birmingham W.W. (Esgair Ceiliog)	SN(22)898601	1560	82·9	76·06	...	...	96·22	...	...
M M §Birmingham W.W. (Llyn-Carw)	SN(22)851614	1775	84·1	74·35	...	...	95·80	...	...
M M §Birmingham W.W. (Nant-y-car)	SN(22)877617	1560	78·9	72·95	...	...	92·70	...	...
M M §Birmingham W.W. (Arban)	SN(22)830629	1500	79·3	75·90	...	...	92·70	...	...
M M §Birmingham W.W. (Tyn-y-pant)	SN(22)926626	1320	65·3	65·85	...	...	81·80	...	...
M M §Birmingham W.W. (Esgair Garthen)	SN(22)842643	1590	78·1	74·05	...	...	91·15	...	...
D D Birmingham W.W. (Elan Village)	SN(22)931649	700	57·3	56·31	203	161	70·79	232	197
D §Elan Village No. 2	SN(22)934651	700	...	...	...	...	73·22	222	194
RADNORSHIRE. (Area, 474 sq. mi.)									
1.—WYE. 424 sq. mi.									
D D Glasbury-on-Wye	SO(32)181393	276	35·9	38·62	154	129	54·15	199	170
d D Llyswen (Llanstephan House Gdns.)	SO(32)120420	440	41·5	41·71	172	167	60·04	234	215
D D Erwood (Cwrt Gwenddwr)	SO(32)072456	407	43·8	45·07	185	147	59·43	221	183
M §Hay (Llanbwchllyn) Upper	SO(32)114475	1400	43·4	...	...	...	56·82	...	...
W W Newchurch	SO(32)217508	801	38·5	41·66	...	...	56·94	...	...
D D §Builth (Cefndyrys)	SO(32)039530	750	42·1	40·33	174	149	53·57	214	187
W W Llanfihangel-nant-melan	SO(32)107590	985	...	46·16	...	...	55·95	...	...
D d New Radnor (The Old Rectory)	SO(32)213606	985	...	43·44	195	143	55·92	...	...
D D Presteigne (Evancoyd)	SO(32)260630	740	37·3	37·78	167	135	50·38	208	154
D D LLANDRINDOD WELLS (The Common)	SO(32)061605	772	40·6	41·34	177	151	50·68	218	184
d d Cascob (Forester's Lodge)	SO(32)228658	1000	46·6	47·25	...	...	63·37	195	181
D §Birmingham W.W. (Tymynydd)	SN(22)914625	832	62·8	...	...	...	76·07	243	203
D D Birmingham W.W. (Ciloerwynt) (+ A)	SN(22)882629	1045	66·8	67·10	211	170	82·26	248	203
D D §Birmingham W.W. (Nantgwillt)	SN(22)909639	840	63·0	65·97	211	171	82·64	247	203
M §Birmingham W.W. (Esgair Gader) 2	SN(22)859665	1655	71·7	...	...	...	86·29	...	...
M Birmingham W.W. (Tynllidiart)	SN(22)907659	1006	66·5	...	...	...	(86·95)	...	...
M M §Birmingham W.W. (Claerwen)	SN(22)820673	1250	70·2	64·50	...	...	82·60	...	...
D D §Birmingham W.W. (Tynant)	SN(22)899673	1020	69·2	68·28	214	174	86·84	251	204
Rhayader (East Street)	SN(22)972680	700	49·1	48·22	...	...	61·45	...	...
W W Llanddewi-Ystradenny	SO(32)107685	767	38·5	43·12	...	...	54·25	...	...
M M §Birmingham W.W. (Cerigllwydion)	SN(22)843692	1710	77·1	70·10	...	...	92·80	...	...
M M §Birmingham W.W. (Pen-y-gareg)	SN(22)925681	1530	59·1	58·65	...	...	76·39	...	...
M M Birmingham W.W. (Bryn Hir)	SN(22)843681	1470	77·5	70·00	...	...	93·85	...	...
M Birmingham W.W. (Abercaethon)	SN(22)870690	1180	70·5	...	...	...	(87·50)	...	...
M M §Birmingham W.W. (Calettwr)	SN(22)875701	1490	74·3	70·40	...	...	92·08	...	...
D D Abbey Cwmhir (Foresters House)	SO(32)044719	950	...	45·93	187	152	57·60	212	187
D D Llangunllo	SO(32)211712	776	43·1	48·96	161	145	59·01	186	158
M M §Birmingham W.W. (Figin) 2	SN(22)828715	1620	85·9	72·85	...	...	96·20	...	...
M Birmingham W.W. (Aberhenllan)	SN(22)898717	1070	67·5	...	...	...	(87·35)	...	...
d D St. Harmons	SN(22)990726	918	47·1	44·12	152	139	58·54	234	180
M §St. Harmons (Bwlch-y-sarnau)	SO(32)030746	1288	...	...	...	...	55·90	...	...
W W Llanbadarn-fynydd	SO(32)097777	974	44·4	46·67	...	...	60·05	...	...
W W Pont Marteg (Gamallt)	SN(22)947710	785	...	55·49	...	...	70·00	...	...
D D §St. Harmons (Pen-Ithon)	SO(32)073813	1200	42·5	45·64	189	155	57·76	224	188
2.—SEVERN. Right Bank Tributaries. 50 sq. mi.									

§ Turf wall around gauge.

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

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
MONTGOMERYSHIRE.					<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
(Area, 797 sq. mi.)												
1.—DOVEY. 120 sq. mi.												
D D	Machynlleth (Garth)	..	..	SH(23)760016	90	...	51·94	213	169	71·55	240	195
d d	Corris (Ceinws Camp)	..	..	SH(23)759060	246	77·1	67·39	...	...	88·81	...	...
2.—YSTWYTH. 7 sq. mi.												
3.—WYE. 37 sq. mi.												
D D	Birmingham W.W. (Bod-Talog)	..	..	SN(22)868749	1250	71·7	69·68	214	182	83·16	242	216
M M	Birmingham W.W. (Glan-Fedwen)	..	..	SN(22)871759	1375	72·8	68·39	...	...	84·33	...	...
M M	Llangurig (Dernol)	..	..	SN(22)914747	870	56·5	55·85	...	...	66·80	...	...
M M	Llangurig (Llagnant)	..	..	SN(22)814858	1450	...	84·40	...	...	107·82	...	...
M M	Llangurig (Nant-yago)	..	..	SN(22)826858	1340	...	82·71	...	...	105·85	...	...
D D	Llangurig (Manod)	..	..	SN(22)840827	1050	86·5	75·91	182	163	96·50	236	200
W W	Llangurig (Cefn-Brwyn)	..	..	SN(22)830837	1125	...	80·34	...	...	101·02	...	...
4.—SEVERN.												
Right Bank Tributaries. 154 sq. mi.												
D D	Llanidloes (Hillfield)	..	..	SN(22)952840	550	...	44·38	183	150	55·43	225	181
D D	Newtown (Mochdre Reservoir)	..	..	SO(32)079871	650	38·6	40·19	180	142	49·49	219	166
d d	Hafren Lodge	..	..	SN(22)889853	800	...	57·83	...	...	72·51	...	...
W W	Blaen Hafren	..	..	SN(22)835884	1425	...	88·54	...	...	108·71	...	...
M M	Clywedog (Cwm Biga)	..	..	SN(22)857890	1015	75·6	75·30	...	...	93·00	...	...
d d	Clywedog (Aber Biga)	..	..	SN(22)886898	900	60·5	54·16	...	...	73·18	...	...
M M	Clywedog (Hafod Cadwgan)	..	..	SN(22)959905	1150	77·5	74·20	...	...	92·80	...	...
d d	Newtown (Penarth Weir)	..	..	SO(32)136925	321	36·9	35·46	...	...	46·45	...	...
d	Kerry (The Forest)	..	..	SO(32)131894	700	...	34·19	...	...	...	...	...
5.—SEVERN.												
Left Bank Tributaries. 479 sq. mi.												
D	Newtown (Gregynog Hall Gardens)	..	..	SO(32)080969	650	35·4	30·62	183	135	...	...	...
D D	Berriew (Brithdir Hall)	..	..	SJ(33)194026	350	32·6	30·75	160	130	43·02	199	168
d d	Welshpool (Fron Llwyd)	..	..	SJ(33)215077	500	34·8	30·24	154	123	45·37	185	160
D D	Gam (Cwm Derwen)	..	..	SH(23)954053	960	...	54·97	183	159	73·37	241	201
D D	Gam (Abercannon Farm)	..	..	SH(23)962069	800	68·3	57·95	201	176	76·41	238	202
M	Gam (Afon Cannon)	..	..	SH(23)949079	1120	70·7	...	...	...	(79·75)	...	...
D D	Twrch (Dol y Gaseg)	..	..	SH(23)969149	810	70·9	62·49	200	163	86·86	225	198
M M	Twrch (Cerniau)	..	..	SH(23)951169	1160	79·7	70·80	...	...	92·30	...	...
M M	Afon Twrch	..	..	SH(23)941180	1390	78·5	72·30	...	...	93·30	...	...
D D	Llansantffraid (Pen-y-Sarn)	..	..	SJ(33)209179	300	...	31·99	164	121	41·36	206	161
M M	Lake Vyrnwy (Cownwy Dam)	..	..	SJ(33)000181	929	64·0	61·92	...	...	80·12	...	...
D D	Lake Vyrnwy	..	..	SJ(33)018189	770	63·2	58·62	204	174	76·30	239	197
M M	Lake Vyrnwy (Hen Gerig)	..	..	SH(23)968188	1230	81·7	70·68	...	...	94·65	...	...
M M	Lake Vyrnwy (Bryn Gwyn)	..	..	SH(23)999196	1311	70·1	68·00	...	...	83·89	...	...
D D	LAKE VYRNWY (Experimental Stn.)(+ A)	..	..	SJ(33)016192	995	65·1	60·45	206	173	77·55	244	194
D D	Lake Vyrnwy (Bank Cynon Isaf)	..	..	SJ(33)018191	750	...	58·01	203	171	75·23	240	196
M M	Lake Vyrnwy (Fron Goch)	..	..	SJ(33)000213	835	65·0	62·53	...	...	79·60	...	...
M M	Lake Vyrnwy (Ty Uchaf)	..	..	SH(23)998215	860	67·2	63·77	...	...	81·52	...	...
M M	Lake Vyrnwy (Heol-y-ffridd)	..	No. 2	SH(23)976215	830	75·1	68·43	...	...	84·50	...	...
M M	Lake Vyrnwy (Tyn-y-ffridd)	..	..	SJ(33)040213	1010	59·9	59·45	...	...	71·80	...	...
M M	Lake Vyrnwy (Lluestwen)	..	No. 2	SH(23)971202	1620	83·3	76·66	...	...	98·10	...	...
M M	Lake Vyrnwy (Llwynrhiw)	..	..	SH(23)975207	1428	83·7	78·94	...	...	96·45	...	...

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960			
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	
MONTGOMERYSHIRE—(contd.)										
5.—SEVERN—(contd.)		ft.	in.	in.			in.			
MM	Lake Vyrnwy (Nant Cawell)	SH(23)936208	1610	86·4	77·42	...	...	(102·98)	...	...
MM	§Lake Vyrnwy (Hirnant)	SJ(33)048225	766	59·0	57·57	...	...	75·19	...	...
MM	Lake Vyrnwy (Eunant Bridge)	SH(23)962224	830	75·7	72·53	...	...	93·11	...	...
MM	Lake Vyrnwy (Gadfa)	SH(23)928232	1521	90·6	82·69	...	...	102·29	...	...
MM	Lake Vyrnwy (Carreg Goch)	SH(23)974237	1780	73·8	71·02	...	...	89·56	...	...
MM	Lake Vyrnwy (Rhiwargor)	SH(23)961242	860	73·4	68·06	...	...	86·08	...	...
MM	Lake Vyrnwy (Hen Eglwys)	SH(23)993253	1420	73·6	68·00	...	...	87·66	...	...
MM	Lake Vyrnwy (Stone)	SH(23)940263	1499	77·6	73·55	...	...	89·84	...	...
MM	§Lake Vyrnwy (Fawnog)	SJ(33)014219	1315	64·8	61·10	...	...	78·70	...	...
MM	Lake Vyrnwy (Pennant Melangell) ..	SJ(33)023265	660	61·1	58·99	...	...	80·83	...	...
MM	Lake Vyrnwy (Erw Berfedd)	SH(23)978264	1800	82·3	75·32	...	...	100·65	...	...
dd	Pen-y-bont (Rhiwlas)	SJ(33)114260	748	42·5	46·18	...	...	59·16	...	...
FLINTSHIRE. (Area, 256 sq. mi.)										
1.—DEE. 198 sq. mi.										
DD	Hanmer (Gredington)	SJ(33)447386	300	30·4	31·61	165	133	36·81	209	169
DD	Mold (Mount Pleasant)	SJ(33)256663	503	32·8	33·13	179	140	40·81	212	165
DD	Cilcain (No. 2 Reservoir)	SJ(33)163645	785	36·1	37·28	184	144	45·93	227	167
WW	Cilcain (No. 4 Reservoir)	SJ(33)154640	940	36·4	36·91	...	...	44·20	...	...
DD	Northop (Soughton Hall)	SJ(33)246671	418	34·4	32·83	169	136	41·57	224	169
dd	§Cilcain (Cilcen Hall)	SJ(33)185683	675	33·7	30·98	147	126	39·60	178	166
WW	Connah's Quay (Pedgwlady)	SJ(33)287683	231	30·2	28·42	...	...	36·74	...	...
DD	HAWARDEN BRIDGE	SJ(33)322693	17	27·5	27·83	157	124	34·93	192	150
dd	Halkyn (Bryn Awel)	SJ(33)205707	870	36·0	33·90	188	141	40·33	...	...
dd	||Mostyn	SJ(33)159808	4	31·9	31·63	142	124	39·05	...	...
2.—CLWYD. 51 sq. mi.										
DD	Bodfari (Nantlys)	SJ(33)081711	178	29·7	27·07	162	123	34·27	203	160
DD	Tremeirchion (St. Bueno's College) ..	SJ(33)080742	450	...	29·38	151	136	36·84	197	149
D	St. ASAPH (Dwllig Isaf Nursery) ..	SJ(33)045763	75	28·0	26·06	166	129	...	...	...
DD	Dyserth (Penlee)	SJ(33)058783	260	29·2	26·43	180	132	35·21	215	154
DD	RHYL (Westbourne Avenue) .. (+ A)	SJ(33)002807	31	26·6	23·91	156	122	31·02	179	142
d	Rhyl (Dyserth Road)	SJ(33)024812	35	...	25·31	170	126	...	...	...
DD	PRESTATYN	SJ(33)065831	12	28·6	25·55	162	128	31·34	188	150
3.—SEVERN.										
Left Bank Tributaries. 7 sq. mi.										
DENBIGHSHIRE.										
(Area, 668 sq. mi.)										
1.—DEE. 270 sq. mi.										
d	Llanarmon (Dyffryn Ceiriog) .. (+ A)	SJ(33)156327	875	...	...	...	...	65·84	229	187
d	Brynkinalt Weir	SJ(33)295373	235	...	...	...	...	46·60	...	...
DD	Chirk (Old Vicarage)	SJ(33)293376	350	35·9	35·62	170	137	45·64	200	162
DD	Erbistock Rectory	SJ(33)357413	92	...	...	...	...	38·64	218	164
DD	Llangollen (Vivod)	SJ(33)191424	640	38·3	43·74	180	152	54·95	224	185
D	RUABON (Acrefair) (+ A)	SJ(33)273425	312	...	34·36	169	144	...	...	...
DD	§Wrexham W.W. (Penycae)	SJ(33)269454	678	40·6	37·19	187	143	50·27	230	177
MM	§Wrexham W.W. (Bryn Adda)	SJ(33)250453	1214	42·0	43·60	...	...	55·51	...	...
MM	§Wrexham W.W. (Ruabon Mountain) ..	SJ(33)237457	1634	43·6	43·92	...	...	56·35	...	...

§ Turf wall around gauge.

|| Site unorthodox.

\$ Gauge over-sheltered.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DENBIGHSHIRE—(contd.)										
			ft.	in.	in.			in.		
1.—DEE—(contd.)										
M M	Wrexham W.W. (Mountain Lodge) ..	SJ(33)258474	1100	...	43·45	...	...	54·67	...	...
d d	Wrexham W.W. (Ty Mawr Res.) ..	SJ(33)274480	805	38·5	39·51	...	...	50·78	...	...
D D	Wrexham W.W. (Pack Saddle Res.) ..	SJ(33)305479	370	34·9	32·78	171	143	44·36	214	178
d d	Wrexham W.W. (Cae Llwyd Res.) ..	SJ(33)269482	918	40·2	39·46	...	...	49·85	...	...
M M	Wrexham W.W. (World's End) ..	SJ(33)242481	1573	44·1	44·27	...	...	58·14	...	...
M M	§Wrexham W.W. (Erwau) ..	SJ(33)262488	1160	44·7	43·52	...	...	56·35	...	...
M M	Wrexham W.W. (Gwter Siani) ..	SJ(33)248494	1503	44·4	44·74	...	...	57·18	...	...
M M	§Wrexham W.W. (Abersychnant) ..	SJ(33)232498	1370	43·3	45·44	...	...	57·63	...	...
M M	Wrexham W.W. (Minera) ..	SJ(33)262508	1400	40·3	42·66	...	...	55·25	...	...
D D	WREXHAM (Grove Park School) (+ A)	SJ(33)338507	275	30·5	28·62	161	130	39·32	198	156
D D	Wrexham (Camberley Drive) ..	SJ(33)342512	268	...	28·30	169	126	39·23	216	156
D D	Wrexham W.W. (Pendinas Reservoir) ..	SJ(33)232518	1249	42·1	44·28	188	158	57·72	224	190
D D	Wrexham W.W. (Nantyffrith Res.) ..	SJ(33)243534	1040	...	43·35	189	158	56·74	224	187
D d	Wrexham W.W. (Llncyfynwy) ..	SJ(33)223545	1131	41·9	39·78	185	149	56·21	...	...
d d	Trevalyn (Ithals Bridge) ..	SJ(33)391563	24	...	26·43	138	121	36·96	183	164
	Llanferres (Coed Clwyd Forest) ..	SJ(33)175612	890	37·3	38·17	...	...	...	...	...
d d	Llanfihangel-glyn-myfyr ..	SH(23)986491	898	43·6	42·33	...	...	50·99	...	...
D D	RIVER ALWEN (Alwen Filter House) ..	SH(23)958528	1100	49·8	49·36	200	166	57·15	233	193
M M	River Alwen (Craig-yr-Irchen) ..	SH(23)938523	1500	...	50·55	...	...	63·69	...	...
D D	River Alwen (Alwen Dam) ..	SH(23)955528	1189	52·8	49·98	200	168	57·86	233	200
D D	River Alwen (Hafod-y-llan-isaf) ..	SH(23)957529	1180	50·2	50·48	200	169	58·71	233	193
M M	River Brenig (Pentre-draw) ..	SH(23)972528	1100	...	44·11	...	...	53·48	...	...
M M	River Alwen (Mwdwl-eithen) ..	SH(23)935535	1317	...	52·63	...	...	64·37	...	...
M M	River Brenig (Elor-garreg-uchaf) ..	SH(23)964539	1240	...	50·45	...	...	61·50	...	...
M M	River Alwen (Coed Tai Isaf) ..	SH(23)944544	1215	...	49·98	...	...	62·34	...	...
	Pentre Voelas (Nant Heilyn) ..	SH(23)925554	1225	53·6	52·63	...	...	63·23	...	...
M M	River Alwen (Tan-y-graig) ..	SH(23)935563	1100	...	50·51	...	...	62·85	...	...
M M	River Brenig (Hafad-yr-onen) ..	SH(23)969556	1175	49·5	47·16	...	...	59·49	...	...
M M	River Alwen (Cottage Bridge) ..	SH(23)920562	1200	...	49·91	...	...	61·23	...	...
	Nantglyn (Pant-y-maen) ..	SH(23)977587	1320	55·0	52·11	...	...	62·67	...	...
	Llyn Brân ..	SH(23)960593	1428	56·2	50·74	...	...	62·89	...	...
2.—CLWYD & C. 267 sq. mi.										
D D	Clawdd-newydd No. 2 ..	SJ(33)078521	983	39·9	37·61	161	141	49·42	202	180
D d	Ruthin (Llysfusi) ..	SJ(33)147523	410	...	34·66	161	133	43·71	163	159
W W	Ruthin (Corwen Road) ..	SJ(33)125556	234	32·8	30·88	...	...	37·79	...	...
	Llyn Aled ..	SH(23)915579	1220	50·4	48·65	...	...	58·41	...	...
d d	Ruthin (Bwlch Tunnel) ..	SJ(33)164580	908	33·7	37·12	...	142	44·24	227	171
D	RUTHIN (Brynhyfryd School) (+ A)	SJ(33)133584	248	...	...	...	...	39·71	208	160
M M	Llyn Aled (Moel-y-Bryniau) ..	SH(23)913591	1230	50·2	47·50	...	...	58·06	...	...
D	Denbigh (Mental Hospital) ..	SJ(33)051653	316	33·2	25·30	150	120	...	...	...
d d	Denbigh (Groes Hall) ..	SJ(33)009648	650	35·3	35·95	...	...	43·29	...	...
D D	Llangwyfan (Hospital) ..	SJ(33)122661	460	31·0	31·47	173	137	38·75	213	161
	Llanefydd (Dolwen Res., South)	SH(23)972702	580	34·8	31·92	...	...	42·35	...	...
	Llanefydd (East) ..	SH(23)974706	580	34·7	31·81	...	...	42·24	...	...
D D	Llanefydd (Plas Uchaf Res.) ..	SH(23)968712	485	32·6	31·56	180	133	41·94	218	169
D D	Llanefydd (Glascoed Filter Station) ..	SH(23)996736	360	32·3	27·65	175	125	35·95	214	159
D	COLWYN BAY (Eirias Park) ..	SH(23)857786	118	29·4	27·67	159	118	...	...	...
3.—CONWAY. 84 sq. mi.										
M	Afon Serw ..	SH(23)814452	1100	...	...	...	...	108·92	...	...
D D	Pentre Voelas (Voelas Hall) ..	SH(23)851515	640	...	58·77	197	169	68·38	228	190
D D	Tal-y-Cafn (Bodnant) ..	SH(23)800725	170	38·4	39·37	196	158	45·41	221	178

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DENBIGHSHIRE—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
4.—SEVERN.										
Left Bank Tributaries. 47 sq. mi.										
D D	Llansilin (Penygwely Reservoir) ..	SJ(33)222322	1055	...	44·69	185	154	58·13	214	171
MERIONETHSHIRE.										
(Area, 661 sq. mi.)										
1.—DEE. 218 sq. mi.										
d	Llanwchllyn (Plas-deon) ..	SH(23)875302	555	67·2	...	...	...	68·58	258	232
M M	Cwm Hirnant (Maesafallen) ..	SH(23)948308	957	64·7	68·60	...	...	88·20	...	...
M	§Afon Lliw (Blaen Lliw Isaf) ..	SH(23)804328	1279	92·6	(76·80)	...	...	...	...	...
D D	Bala (Boys' Grammar School) ..	SH(23)929361	537	51·9	52·60	180	159	58·88	224	180
D D	Llandrillo (Crogen) ..	SJ(33)008367	550	46·9	53·89	165	151	67·62	217	197
M	Llyn Arenig Fach ..	SH(23)826422	1511	...	...	...	...	89·00	...	...
d d	Bala (Craig Nant) ..	SH(23)839424	1030	...	69·02	...	...	80·81	...	...
D D	CORWEN (Rhydyglafes) ..	SJ(33)048399	473	...	44·65	181	149	52·12	229	172
d d	Afon Mynach (Hafod Nwydog) ..	SH(23)898436	1198	71·5	67·22	176	166	80·19	216	201
ww	Derwen (Minfordd) ..	SJ(33)030483	971	40·6	38·88	...	...	48·18	...	...
2.—CLWYD. 7 sq. mi.										
3.—GLASLYN. 92 sq. mi.										
M M	Trawsfynydd (Cefn Gell-y-Cwm) ..	SH(23)705345	665	...	68·90	...	...	81·57	...	...
M M	Trawsfynydd (Tyn Twll) ..	SH(23)686353	750	83·5	81·50	...	...	89·00	...	...
M M	Trawsfynydd (Darn Gae) ..	SH(23)762368	950	78·8	68·55	...	...	85·95	...	...
	Pandy'r Ddwyrdd (Main Dam) ..	SH(23)677377	650	71·2	62·49	...	...	79·41	...	...
D D	Ffestiniog (Deudraeth) ..	SH(23)713408	610	76·3	63·19	194	173	74·81	229	208
M	Cynfal ..	SH(23)751416	1240	...	...	...	...	103·25	...	...
D D	LLYN STWLAN ..	SH(23)665442	1656	...	91·85	213	192	118·77	245	214
D D	BLAENAU FFESTINIOG (County School)	SH(23)701458	750	...	80·23	212	180	96·58	241	210
D D	Blaenau Ffestiniog (Oakeley Quarry) ..	SH(23)693469	1100	115·7	92·44	200	184	114·21	231	213
D D	Blaenau Ffestiniog (Llechwedd Quarry)	SH(23)697468	700	110·0	89·98	194	167	105·38	223	196
4.—MAWDDACH & C. 262 sq. mi.										
D d	Arthog (The Crescent) ..	SH(23)632148	6	49·0	47·39	199	151	57·71	...	...
	Dolgelley (Brongader) ..	SH(23)718173	250	73·3	61·66	...	...	79·86	...	...
5.—DOVEY. 82 sq. mi.										
D D	Aberdovey (Plas Penhelig) ..	SN(22)621963	170	44·6	43·06	203	162	59·00	228	183
D D	Pennal (Llwynceilyn) ..	SN(22)676986	30	59·5	49·94	196	170	71·03	225	191
D d	Aberangell (Gwynynd) ..	SH(23)847101	170	72·9	58·70	180	160	76·10	...	...
6.—SEVERN. Left Bank Tributaries.										
CAERNARVONSHIRE.										
(Area, 572 sq. mi.)										
1.—BARDSEY ISLAND.										
2.—CONWAY & C. 146 sq. mi.										
D D	Capel Curig (Gwydyr) ..	SH(23)748574	450	...	71·74	198	180	93·30	232	211
M	Afon Ddu ..	SH(23)770435	1500	...	...	...	...	109·83	...	...

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain-fall	1959			1960		
		National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
CAERNARVONSHIRE—(contd.)			ft.	in.	in.			in.		
2.—CONWAY & C.—(contd.)										
M	Machno	SH(23)753476	700	...	...	...	...	91·60	...	...
M	Lake Cowlyd (Capel Curig)	SH(23)715608	1340	90·9	...	...	...	105·31	...	...
M M	Lake Llugwy	SH(23)694622	1760	100·8	87·28	...	...	114·44	...	...
M M	Lake Cowlyd (Ffrith Garreg Wen)	SH(23)739634	1140	89·4	84·57	...	...	109·24	...	...
	Lake Cowlyd (Cowlyd)	SH(23)737637	1200	90·4	83·87	...	...	104·34	...	...
d d	Lake Eigiau (Dam Site)	SH(23)724647	1244	80·3	81·23	...	...	98·32	...	...
ww	Llanbedr-y-Cennin (Melynlllyn)	SH(23)703657	2065	119·0	107·00	...	...	135·58	...	...
ww	Llanbedr-y-Cennin (Llyndulyn)	SH(23)706663	1632	105·3	99·37	...	...	123·03	...	...
ww	Llanbedr-y-Cennin (Plasdulyn)	SH(23)754698	509	55·3	48·30	...	...	62·85	...	...
d d	Conway (Mussel Tanks)	SH(23)785772	50	30·5	33·14	...	...	39·33	...	...
w	Deganwy (Y Berlfa)	SH(23)785786	35	...	...	...	...	34·01	...	...
D D	LLANDUDNO (Cricket Ground) ..	SH(23)776818	19	28·8	26·92	158	115	34·11	189	142
3.—MENAI STRAITS. 221 sq. mi.										
D	Ederyn Tydweiliog (Cefnamwlch)	SH(23)234354	230	44·2	...	...	...	56·65	200	182
M M	Nantlle (Dorothea Quarry)	SH(23)497532	400	63·4	60·30	...	...	81·70	...	...
d d	Llandwrog (Glynllifon Gardens)	SH(23)455555	100	47·4	46·43	...	156	58·49	208	176
M	Berthen	SH(23)643641	...	...	...	...	...	107·62	...	...
D D	Bethesda (Penrhyn Quarries)	SH(23)621653	527	64·6	67·66	204	175	81·40	222	194
D D	Bethesda (Gerlan)	SH(23)638658	820	...	64·07	208	171	80·24	229	188
M	Llyn Anafon	SH(23)700699	1600	...	...	...	...	98·97	...	...
D D	Port Dinorwic (Vaynol)	SH(23)538693	140	...	39·94	171	148	48·31	181	163
D D	Bangor (BRYN ADDA)	SH(23)563705	275	47·0	40·39	185	152	48·01	210	170
D d	Bangor (Town Hall)	SH(23)580721	30	42·3	41·42	160	134	48·65	...	142
D D	ABER (University College Farm)	SH(23)650728	60	41·6	39·54	196	142	50·99	218	175
D D	Penmaenmawr (Treforris Road)	SH(23)732770	170	36·5	36·51	196	138	43·59	233	172
4.—ERCH & C. 155 sq. mi.										
D D	Abersoch (Anhywel)	SH(23)313287	100	...	40·16	180	145	48·80	209	171
D D	Pwllheli (West End)	SH(23)367342	9	42·5	39·62	165	136	47·31	196	167
d	§Cwmystadrlllyn Dam	SH(23)558439	650	...	...	...	...	92·02	209	193
5.—GLASLYN. 50 sq. mi.										
D D	Portmadoc (Wern)	SH(23)543399	20	...	48·14	162	144	58·15	214	180
D	Beddgelert (Primary School)	SH(23)588482	133	90·2	82·43	208	179	...	...	...
D D	Snowdon (CWM DYLI) (+ A)	SH(23)654542	310	140·5	115·84	214	190	143·10	242	222
M M	Snowdon (Llewedd)	SH(23)625538	1485	153·5	128·70	...	...	167·30	...	...
M M	Snowdon (Delta)	SH(23)624544	1435	170·1	151·90	...	...	183·80	...	...
M M	Snowdon (Glaslyn)	SH(23)618545	2050	...	140·90	...	...	177·90	...	...
M M	Snowdon (Teryn)	SH(23)644544	1080	156·0	129·10	...	...	166·10	...	...
d d	Snowdon (Llydaw Intake)	SH(23)636547	1480	150·7	130·95	...	...	161·07	...	...
d d	Snowdon (L. Llydaw Copper Mine)	SH(23)631548	1480	157·9	140·90	...	...	175·15	...	...
M	Snowdon (Llyn Llydaw)	SH(23)638557	1470	...	...	...	...	165·30	...	...
M M	Snowdon (Crib Goch)	SH(23)623550	2340	171·7	150·70	...	...	186·50	...	...
ANGLESEY. (Area, 275 sq. mi.)										
D D	Bryn-siencyn (Trefarthen)	SH(23)482659	30	36·3	33·43	171	136	41·76	199	167
D D	Newborough Forest	SH(23)414669	20	38·8	33·25	171	148	46·82	204	173
D D	Plas Cadnant	SH(23)557731	120	43·5	39·43	202	158	48·46	220	183

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
		ft.	in.	in.			in.		
ANGLESEY—(contd.)									
d d Llangefni (Glanaber)	SH(23)457752	70	40·4	36·85	...	...	43·86	...	...
d d Llansadwrn (Treffos)	SH(23)547753	290	43·7	40·49	...	...	50·28	...	...
d d Llansadwrn (Gladlys Cottage) ..	SH(23)548758	340	43·8	40·77	205	160	49·83	241	180
d d §HOLYHEAD (VALLEY Airfield) .. (+ A)	SH(23)310758	32	33·7	32·83	172	132	41·15	204	156
d d Llanerchymedd (Llwydiarth Esgob) ..	SH(23)436843	200	40·3	37·16	187	138	46·53	209	172
d d Amlwch (Dyffryn Adda)	SH(23)438913	178	38·2	35·85	185	147	47·70	209	165
ISLE OF MAN. (Area, 227 sq. mi.)									
d d Port St. Mary (The Point)	SC(24)209671	25	33·4	29·86	185	134	39·02	208	160
d d RONALDSWAY Airport (+ A)	SC(24)279688	55	34·3	29·49	167	131	38·51	193	160
d d Ballasalla (Fildraw Road)	SC(24)282713	158	...	36·05	...	...	49·16	193	167
d d Ballagawne Reservoir	SC(24)237715	365	39·7	35·57	176	141	46·37	195	165
ww §Douglas (Cringie Reservoir)	SC(24)253743	500	47·9	43·71	...	...	57·95	...	...
d Peel (Glen Maye Filter House)	SC(24)237798	265	...	...	...	...	40·40	201	155
d d DOUGLAS (Borough Cemetery)	SC(24)382776	284	45·2	40·52	187	150	53·22	201	168
d d Douglas (Clypse Reservoir, Onchan) ..	SC(24)403807	440	46·1	40·62	198	153	51·01	206	168
d d West Baldwin Reservoir	SC(24)358831	475	59·9	53·17	197	165	69·93	217	179
w Corraney Weir	SC(24)439894	550	...	...	...	...	78·92	...	...
m m §Sulby Glen (Block Eary Dam)	SC(24)388900	620	63·0	59·50	...	...	83·76	...	...
d Sulby (Filter House)	SC(24)380933	106	45·1	43·59	178	139	...	...	...
d d Ramsey (Ballure Reservoir)	SC(24)455930	245	51·2	51·17	214	145	69·24	216	163
d d Ramsey (Grammar School)	SC(24)442941	36	...	43·10	...	...	56·67	...	...
d Ramsey (The Spinney)	SC(24)442952	40	...	...	...	...	52·06	196	153
d d POINT OF AYRE	NX(25)467043	30	31·0	27·34	169	125	36·07	191	152
†CHANNEL ISLANDS. (Area, 76 sq. mi.)									
JERSEY. 45 sq. mi.									
d d St. Saviour (Petit Ménéage)	WV(554)662482	30	...	32·04	149	118	42·89	200	162
d d St. HELIER (Harbour Office)	WV(554)651483	28	30·1	30·05	146	117	40·18	195	145
d d St. Helier (St. Louis Observatory) (+ A)	WV(554)661494	180	...	31·52	158	120	43·55	214	139
d d St. Brelade (La Sergenté)	WV(554)567486	194	32·2	28·57	150	117	40·00	209	159
d d St. Peter (JERSEY AIRPORT) .. (+ A)	WV(554)588508	273	32·8	30·04	151	115	42·86	215	165
d d St. Lawrence (Beaumont Marsh) ..	WV(554)615499	60	...	34·65	148	121	48·23	210	159
d d Millbrook Reservoir	WV(554)632507	53	34·3	33·68	150	116	45·49	207	160
d d Grands Vaux Reservoir	WV(554)664507	60	...	32·57	146	119	44·43	203	159
d d St. Ouen's Manor	WV(554)584531	260	...	29·71	147	114	42·94	177	147
d d Handois Reservoir	WV(554)632537	272	...	36·16	171	142	49·63	231	189
d d Trinity (States Experimental Farm) ..	WV(554)660540	340	...	33·86	147	125	47·83	197	164
d d St. Ouen (Vincelez)	WV(554)568555	260	...	31·46	147	120	43·11	209	152
GUERNSEY. 25 sq. mi.									
d d Haut Nez	WV(554)311762	340	34·5	37·09	162	136	52·58	216	183
d d Kings Mills	WV(554)292787	45	...	36·72	149	126	50·40	202	176
d d Les Quartiers	WV(554)324805	50	...	33·41	150	124	45·78	206	169
d d GUERNSEY (STATES AIRPORT)	WV(554)294759	340	33·9	36·61	153	126	51·94	212	175
d d Sark (La Clôture)	WV(554)457736	275	...	35·74	159	133	49·50	224	173
d d ALDERNEY (Airport)	WV(554)564065	288	...	29·61	142	117	47·19	208	171

§ Turf wall around gauge.

† Universal Transverse Mercator Grid Zone 30U.

DIVISION XII—SCOTLAND: SOUTHERN COUNTIES

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more

Scotland

DIVISION XII—SOUTHERN COUNTIES

WIGTOWNSHIRE. (Area, 488 sq. mi.)					ft.	in.	in.		in.			
1.—LOCH RYAN. 46 sq. mi.												
D D	Castle Kennedy (Lochinch)	..	..	NX(25)113607	85	47·1	41·90	185	155	54·99	197	176
D D	Stranraer Filters	..	..	NX(25)036619	227	50·2	40·76	196	142	55·81	215	170
2.—WESTERN GALLOWAY. 44 sq. mi.												
D D	MULL OF GALLOWAY	..	..	NX(25)157304	257	...	24·64	177	119	31·62	198	158
M	Corsewall	..	..	NX(25)980727	48	...	...	...	...	40·31	...	...
3.—LUCE BAY. 186 sq. mi.												
d d	Port William (Monreith)	..	..	NX(25)361433	145	41·0	34·71	181	139	46·01	...	...
D D	Stoneykirk (WEST FREUGH Airf'd) (+ A)	..	..	NX(25)108544	52	39·9	32·66	180	136	43·19	198	160
WW	Glenluce (Dunragit)	..	..	NX(25)152587	341	44·8	35·81	...	...	47·19	...	...
D D	Glenluce (Camrie Farm)	..	..	NX(25)201600	352	50·5	44·06	215	159	55·60	224	171
D D	STRANRAER (PENWHIRN)	..	..	NX(25)127693	546	...	51·27	195	163	65·60	195	170
4.—CREE & WIGTOWN BAY. 212 sq. mi.												
D D	Garlieston (Galloway House)	..	..	NX(25)474455	20	42·7	39·36	181	149	51·52	201	169
D D	Garlieston (Culderry)	..	..	NX(25)476467	25	41·8	37·38	174	144	47·04	193	164
WW	Kirkcowan (Craighlaw)	..	..	NX(25)306610	300	51·2	43·12	...	...	56·75	...	...
D D	Newton Stewart (Little Barraer)	..	..	NX(25)381619	180	48·3	41·88	199	157	52·84	208	163
KIRKCUDBRIGHTSHIRE. (Area, 902 sq. mi.)												
1.—DOON. 16 sq. mi.												
2.—CREE & WIGTOWN BAY. 222 sq. mi.												
D D	Borgue (Roberton)	..	..	NX(25)600486	50	40·6	36·41	171	143	48·71	186	158
D D	PALNURE (Kirkroughtree Forest)	..	..	NX(25)455648	50	53·5	44·91	195	157	58·56	205	171
D D	BARGRENNAN (Glencaird)	..	..	NX(25)361789	360	...	53·13	206	160	60·09	218	178
3.—DEE. 377 sq. mi.												
D D	GLENLOCHAR	..	..	NX(25)732646	154	47·9	47·15	182	144	55·28	209	171
D	Mossdale (Hensol)	..	..	NX(25)675697	200	55·2	49·17	181	153	...	...	...
d	Laggan of Dee (Old Site)	..	..	NX(25)572746	550	70·1	...	...	...	77·53	201	175
d	Laggan of Dee (New Site)	..	..	NX(25)573746	550	71·4	...	...	...	80·42	201	175
D	Clatteringshaw (Tunnel Int.) New Site	..	..	NX(25)554780	585	82·0	...	...	...	83·52	214	184
D D	Craigencallie	..	..	NX(25)504779	740	82·3	80·78	214	192	88·31	209	187
WW	Loch Dee	..	..	NX(25)479792	800	87·4	83·75	...	...	88·76	...	...
D D	\$Dairy (GLENLEE)	..	.. (+ A)	NX(25)607805	181	60·1	56·21	196	167	66·40	215	173

§ Gauge over-sheltered.

DIVISION XII—SOUTHERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
KIRKCUDBRIGHTSHIRE—(contd.)									
3.—DEE—(contd.)									
D D Dalry (Garroch)	NX(25)593810	250	64·5	58·78	193	167	68·89	218	184
D Dalry (Creaganfois)	NX(25)629817	410	...	...	...	...	56·60	230	169
D D Dalry (Forrest Lodge)	NX(25)555866	500	74·5	63·99	200	176	75·85	226	188
D D CARSPHAIRN (DUNDEUGH)	NX(25)598879	390	...	53·72	179	159	62·33	209	166
D §Dalry (Kendoon)	NX(25)615884	520	54·0	...	...	...	57·54	225	179
d Carsphairn (Fingland)	NX(25)670902	940	...	...	...	...	65·68	243	185
D D Carsphairn (The Knowe)	NX(25)561934	590	59·8	53·63	187	165	63·16	190	174
D D Carsphairn (Cornharrow)	NX(25)668928	810	58·7	60·79	194	178	68·41	202	181
D Carsphairn (Knockengarroch)	NX(25)556971	740	58·3	...	...	...	68·30	226	181
D §Carsphairn (Drumjohn)	NX(25)524976	746	55·4	...	...	...	65·49	217	175
D D Carsphairn Moor	NS(26)570036	790	67·8	64·83	211	187	71·05	215	188
4.—URR & C. 196 sq. mi.									
D D Auchencairn (Daffin Cottage)	NX(25)798516	50	50·1	45·41	184	154	55·00	209	174
d D Auchencairn (Torr House)	NX(25)800527	50	50·5	45·96	...	...	56·73	208	170
D D CASTLE DOUGLAS (The Leaths)	NX(25)789629	196	...	41·80	175	145	55·30	194	168
d d Castle Douglas (Corbieton)	NX(25)795657	175	47·1	40·39	...	137	52·54	190	159
D D Chipperkyle	NX(25)783687	310	50·1	45·40	189	152	57·13	212	167
5.—NITH & C. 91 sq. mi.									
D D Lochrutton (Dumfries W.W.)	NX(25)901743	273	49·5	44·32	190	149	52·01	205	175
d d Glenkiln Reservoir	NX(25)851776	450	56·9	53·98	...	165	64·79	...	182
DUMFRIESSHIRE. (Area, 1,074 sq. mi.)									
1.—CLYDE. Right Bank Tributaries. 5 sq. mi.									
M M §Daer (Whiteholm)	NS(26)984036	1360	82·9	77·10	...	...	85·70	...	...
2.—URR. 6 sq. mi.									
3.—NITH & c. 421 sq. mi.									
D D RUTHWELL (Comlongon Castle)	NY(35)078691	100	36·9	34·14	191	145	40·80	196	169
D D §DUMFRIES (Crichton Royal Inst.)	NX(25)980746	140	42·8	36·59	180	147	45·38	201	170
D D Blackwood	NX(25)907870	100	46·3	43·39	184	153	53·52	214	177
D D MONIAIVE (Dalmacallan)	NX(25)799891	480	...	54·49	188	168	61·39	200	162
D Maxwelton House	NX(25)822897	370	...	...	...	...	52·26	211	171
M M Eucharhead	NS(26)683057	1370	80·7	79·05	...	...	86·95	...	...
D D Eucharbank	NS(26)705064	1080	...	76·00	237	194	82·29	259	221
M M §Benzien Craig	NS(26)723067	990	...	63·28	...	...	71·26	...	...
M M Poltallan Burn	NS(26)692075	1550	71·0	69·52	...	...	69·45	...	...
D D Durrissdeer (Drumlanrig)	NX(25)852992	191	...	45·42	204	158	49·04	228	178
D Kirkconnel (Fauldhead)	NS(26)735123	530	49·6	48·06	202	168	...	...	...
4.—ANNAN. 367 sq. mi.									
D D Dalton (Kirkwood)	NY(35)122752	260	44·4	37·90	185	154	46·95	211	172
D D Parkgate (Glenview)	NX(25)972918	538	56·4	53·72	189	164	60·19	218	177
M M Forest of Ae (Cran Loch)	NY(35)004938	1100	61·4	59·90	...	...	68·00	...	...
d d Moffat (St. Margaret's)	NT(36)068038	480	57·4	55·03	177	167	62·65	197	172

§ Turf wall around gauge.

DIVISION XII—SOUTHERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
DUMFRIESSHIRE—(contd.)									
5.—ESK. 275 sq. mi.		ft.	in.	in.			in.		
D D Eaglesfield (Springkell)	NY(35)255751	303	45·3	41·68	195	151	51·36	216	171
D D Half Morton (Solway Bank)	NY(35)308775	455	50·1	42·80	194	154	50·59	226	173
D D Canonbie (Irvine House)	NY(35)374806	200	49·6	44·79	170	148	54·78	214	172
D D Winterhope	NY(35)273823	570	56·0	50·21	197	162	57·86	239	179
D Langholm (Craigcleuch)	NY(35)343867	490	59·6	55·68	195	162	...	...	...
D D Eskdalemuir (Sandyford)	NY(35)205938	728	...	49·07	191	167	61·17	222	191
D D Megdale	NY(35)300954	543	...	48·54	182	156	59·10	242	196
M M Eskdalemuir (Fauldbrae)	NY(35)231959	930	...	50·46	...	...	60·31	...	...
M M §Eskdalemuir (Cairn Knowe)	NY(35)199971	1060	64·3	57·99	...	...	69·61	...	...
M M Eskdalemuir (Blackeskhead)	NY(35)205973	797	...	53·47	...	...	63·24	...	...
M M §Eskdalemuir (Peat Rig)	NY(35)184997	1251	...	64·96	...	...	72·38	...	...
M M Eskdalemuir (Garwaldshields)	NY(35)194997	941	62·6	57·49	...	...	67·48	...	...
M M §Eskdalemuir (Monkinshaw Knowe)	NY(35)217996	1054	68·2	63·12	...	...	70·89	...	...
D D Eskdalemuir (Johnstone House)	NT(36)246001	650	58·7	53·15	194	160	61·62	221	189
M Eskdalemuir (White Hole)	NT(36)207011	1230	...	58·97	...	...	...	...	...
M M §Eskdalemuir (Jock's Shoulder)	NT(36)177021	1757	73·1	67·33	...	...	73·29	...	...
D Eskdalemuir (Kiddamhill)	NT(36)209024	905	65·9	...	...	...	71·36	203	187
D D ESKDALEMUIR Observatory . . (+ A)	NT(36)235026	794	62·3	55·58	193	163	61·50	231	186
ROXBURGHSHIRE.									
(Area, 666 sq. mi.)									
1.—NORTH TYNE. 6 sq. mi.									
2.—TWEED. LOWER.									
Right Bank Tributaries. 57 sq. mi.									
D D Yetholm (Old Graden)	NT(36)798300	500	29·9	22·19	145	97	31·52	227	160
D D CHEVIOT HILLS (SOURHOPE) . . (+ A)	NT(36)843203	900	...	28·36	152	117	39·91	225	178
3.—TWEED. Teviot & c. 431 sq. mi.									
D d Linhope Braehead	NT(36)406007	890	...	51·53	184	166	59·23	...	208
d d Robertson (Craik)	NT(36)345084	725	52·8	49·46	...	...	56·08	189	169
D D HAWICK (WAUCHOPE)	NT(36)587097	560	35·6	29·94	161	130	38·70	229	186
D D Hawick (Sewage Works)	NT(36)512156	315	32·3	25·46	167	121	35·95	234	167
d d Alemoor Lock	NT(36)404156	910	...	39·94	173	145	50·61	228	183
D D Denholm (Spital Tower)	NT(36)587182	425	31·1	24·50	170	118	32·52	239	179
d d Jedburgh (Jedneuk)	NT(36)656234	270	26·7	18·96	151	95	25·11	201	146
D D Crailing	NT(36)687243	190	27·1	20·06	148	102	25·60	211	145
D D Ancrum (Monteviot)	NT(36)643250	210	27·7	20·30	139	104	26·82	199	147
4.—TWEED. Ettrick & c. 10 sq. mi.									
D d Melrose (Dingleton Hospital)	NT(36)543332	480	...	22·29	152	102	28·82	...	...
5.—TWEED. Gala. 6 sq. mi.									
6.—TWEED. Leader & c. 25 sq. mi.									
7.—TWEED. LOWER.									
Left Bank Tributaries. 25 sq. mi.									
D D KELSO (FLOORS)	NT(36)707345	195	25·9	20·77	140	104	31·27	217	165
8.—ESK. 106 sq. mi.									
w Newcastleton Forest	NY(35)551878	800	52·2	46·40	...	...	...	...	...

§ Turf wall around gauge.

DIVISION XIII—SOUTH-EASTERN COUNTIES

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more

DIVISION XIII—SOUTH-EASTERN COUNTIES

SELKIRKSHIRE. (Area, 268 sq. mi.)

		ft.	in.	in.			in.		
1.—TWEED. Teviot & c. 34 sq. mi.									
d d	Lindean Reservoir	NT(36)504289	860	...	26·30	...	...	34·34	...
2.—TWEED. Ettrick & c. 192 sq. mi.									
D D	Ettrick School	NT(36)266145	745	...	52·62	195	158	63·04	248
D	Yarrow Manse	NT(36)358277	630	...	32·47	161	129	...	...
D D	SELKIRK (BOWHILL)	NT(36)427283	600	...	28·43	171	125	35·75	209
d	Selkirk (Burn Mill)	NT(36)462286	390	31·7	24·87	148	117	...	...
d	Selkirk (Bythorn)	NT(36)475286	600	...	25·14	...	116	...	...
M M	Selkirk (Broomhill)	NT(36)483297	575	30·5	25·09	...	...	33·45	...
D D	Thirlestane Castle	NT(36)282153	780	57·5	50·10	193	153	55·57	234
M M	§Edinburgh W.W. (Megget Head) ..	NT(36)152199	1496	68·3	63·70	...	...	74·50	...
D D	Walkerburn (Elibank)	NT(36)396367	440	34·5	26·07	157	132	33·43	214

3.—TWEED. UPPER.
Right Bank Tributaries. 17 sq. mi.4.—TWEED. UPPER.
Left Bank Tributaries. 19 sq. mi.

D D	Caddonfoot (Fairnilee)	NT(36)456332	450	33·7	28·04	167	125	36·47	220
D	Galashiels (Sewage Works)	NT(36)513351	316	...	21·53	179	105	...	...
M M	§Galashiels (Knowsdean Reservoir) ..	NT(36)437393	892	36·8	28·19	...	...	36·57	...
M M	§Galashiels (Craig Head)	NT(36)417403	900	38·9	28·76	...	...	40·67	...
M M	§Galashiels (Caddonhead)	NT(36)401410	1050	38·5	30·68	...	...	42·30	...

5.—TWEED. Gala. 6 sq. mi.

PEEBLESHIRE.
(Area, 348 sq. mi.)1.—TWEED. UPPER.
Right Bank Tributaries. 127 sq. mi.

M M	§Edinburgh W.W. (Ravensraig) ..	NT(36)142140	2258	85·3	84·10	...	...	89·60	...
M	§Edinburgh W.W. (Ballaman Hill) ..	NT(36)095149	1700	63·8	61·24	...	...	...	...
M M	§Edinburgh W.W. (Gameshope L.) No. 2	NT(36)132162	1900	83·2	88·10	...	...	91·60	...
M M	§Edinburgh W.W. (Gameshope Farm) ..	NT(36)139176	1538	79·1	72·70	...	...	81·50	...
M M	Edinburgh W.W. (Fruid Farm) ..	NT(36)108182	1020	55·4	58·90	...	...	59·59	...
M M	Edinburgh W.W. (Hawkshaw) ..	NT(36)085204	1100	53·9	53·40	...	...	55·20	...
M M	§Edinburgh W.W. (Talla Linns Foot) ..	NT(36)133203	966	61·0	62·80	...	...	70·40	...
M M	§Edinburgh W.W. (Nether Garelot) ..	NT(36)114209	1700	61·6	62·20	...	...	66·30	...
D D	Edinburgh W.W. (Victoria Lodge) ..	NT(36)106231	900	50·1	49·83	190	167	52·22	227
D D	BROUGHTON (Stanhope Farm) ..	NT(36)123296	741	...	43·81	185	161	45·44	230
	Broughton (Stanhope-Mid-gauge) ..	NT(36)155273	1250	...	51·03	...	...	61·65	...
M M	Broughton (Dun Law)	NT(36)176264	2500	...	69·07	...	...	81·80	...

2.—TWEED. UPPER.
Left Bank Tributaries. 192 sq. mi.

ww	Innerleithen (Glen)	NT(36)299331	720	...	33·55	...	...	37·15	...
D D	Stobo Castle	NT(36)179368	594	38·5	33·08	187	145	39·66	235

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Alti- tude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
PEEBLESHIRE—(contd.)									
2.—TWEED. UPPER—(contd.)									
D PEEBLES (Glentrees)	NT(36)285397	580	30·5	...	...	...	31·78	174	150
D Leithen Water (Huntersknowe) ..	NT(36)307442	880	...	32·90	168	130	...	...	...
D D BLYTH BRIDGE (Blythbank)	NT(36)141463	830	...	28·40	199	140	30·81	226	167
D D West Linton (Woodlea Cottage) ..	NT(36)159507	801	37·0	27·31	187	132	31·28	233	166
D D WEST LINTON (Central School) ..	NT(36)150520	800	39·4	27·71	188	134	32·97	235	165
D D §West Linton (Baddingsgill Reservoir) ..	NT(36)126554	1100	47·5	35·67	184	155	40·10	206	174
3.—ESK. 23 sq. mi.									
D D Eddleston (Portmore Reservoir) ..	NT(36)260507	1000	37·6	27·90	191	134	33·89	238	163
D D Carlops (North Esk Reservoir) ..	NT(36)154578	1150	42·4	32·29	198	142	37·55	242	178
4.—CLYDE. Right Bank Tributaries. 6 sq. mi.									
BERWICKSHIRE. (Area, 457 sq. mi.)									
1.—TWEED. Gala. 6 sq. mi.									
2.—TWEED. Leader. 92 sq. mi.									
D Earlston (Cowdenknowes)	NT(36)577372	300	29·5	...	...	...	33·78	201	172
D D Earlston (Carolside)	NT(36)563401	350	29·6	22·17	150	98	28·64	208	152
3.—TWEED. LOWER. Left Bank Tributaries. 115 sq. mi.									
D D Coldstream (Lochton)	NT(36)777389	150	25·8	19·47	139	101	27·66	216	151
D Gordon Hospital	NT(36)658434	500	...	...	...	...	32·10	213	158
D D Swinton House (+ A)	NT(36)818470	200	27·0	20·24	160	99	29·39	233	150
d D Paxton (Tweedhill)	NT(36)929513	50	26·9	20·09	129	103	31·22	192	156
4.—TWEED. Whiteadder. 164 sq. mi.									
D D MARCHMONT House	NT(36)743484	498	30·7	21·67	148	107	33·77	217	164
d D Oxtou (Channelkirk School)	NT(36)496536	695	...	22·31	...	99	38·22	194	168
M M Duns (Kimmerghame)	NT(36)815513	250	...	20·92	...	...	35·47	...	...
D D Longformacus (Rawburn F.H.) (+ A)	NT(36)677563	813	...	26·27	154	117	38·16	210	163
D D Duns Castle	NT(36)775543	500	31·2	20·06	158	102	31·67	226	151
D D Duns (Manderston)	NT(36)809547	353	31·1	20·93	141	97	37·97	223	158
D D Longformacus (Whitchester)	NT(36)721589	838	33·7	21·75	181	106	37·29	241	172
D Abbey St. Bathans School	NT(36)763620	472	...	22·76	159	92	...	...	...
5.—EAST COAST STREAMS. 80 sq. mi.									
D ST. ABBS HEAD Lighthouse	NT(36)914691	245	27·5	...	...	...	23·02	199	142
d d Cockburnspath (Redheugh)	NT(36)822699	288	28·0	19·68	117	82	31·63	203	152
EAST LOTHIAN. (Area, 267 sq. mi.)									
1.—TWEED. Leader. 1 sq. mi.									
2.—TWEED. Whiteadder. 35 sq. mi.									
D D Lammermuir Hills (Hungry Snout) ..	NT(36)665633	715	...	25·68	158	101	38·59	223	164

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960			
			National grid reference	Alti- tude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
EAST LoTHIAN—(contd.)					ft.	in.	in.			in.		
3.—EAST COAST STREAMS. 69 sq. mi.												
ww	Garvald (Donolly Reservoir)	.. ..	NT(36)580690	532	30·6	22·03	...	...	31·75	...	...
ww	Garvald (Thorster Reservoir)	.. ..	NT(36)607695	725	30·3	22·51	...	...	31·89	...	...
DD	DUNBAR (Public Park)	.. ..	NT(36)672791	75	23·5	15·43	124	72	23·35	187	125
4.—TYNE & C. 114 sq. mi.												
DD	Lammermuir Hills (West Hopes)	.. ..	NT(36)556627	736	35·8	24·01	147	107	35·96	205	150
w	Lammermuir Hills (Stobshiel Res.)	.. ..	NT(36)501617	927	34·2	27·96	...	...	...	...	...
ww	Lammermuir Hills (Lammerloch Res.)	.. ..	NT(36)517634	900	...	26·62	...	...	34·73	...	...
D	Lammermuir Hills (Stobshiel F.H.)	.. ..	NT(36)498638	650	...	...	...	...	27·35	210	156
DD	HADDINGTON (Neilson Park)	.. ..	NT(36)513736	161	25·6	16·24	145	75	22·59	199	130
	East Linton (Smeaton)	.. ..	NT(36)594786	100	...	17·31	...	...	...	...	...
5.—FIRTH OF FORTH. 48 sq. mi.												
DD	Longniddry (Thirladene)	.. ..	NT(36)437763	50	...	17·37	156	87	23·98	195	124
DD	East Fortune Hospital	.. ..	NT(36)553793	101	24·9	16·14	133	86	23·53	191	130
d	\$North Berwick (Netherheugh)	.. ..	NT(36)562846	120	25·0	17·12	137	89	24·18	193	143
DD	NORTH BERWICK (East Lodge)	.. ..	NT(36)555852	51	25·7	17·52	159	89	24·32	198	142
6.—INSULAR.												
MIDLoTHIAN. (Area, 369 sq. mi.)												
1.—TWEED. Gala. 68 sq. mi.												
DD	Stow (Cragdale)	.. ..	NT(36)457454	642	36·4	28·42	158	122	35·89	217	168
2.—TYNE. 28 sq. mi.												
D	Ford (The Dowry House)	.. ..	NT(36)387644	420	27·5	20·86	159	101	...	...	...
3.—FIRTH OF FORTH. 3 sq. mi.												
4.—ESK. 116 sq. mi.												
MM	Moorfoot Hills (Bowbate)	.. ..	NT(36)297484	1260	43·8	31·28	...	...	38·30	...	...
DD	Moorfoot Hills (Gladhouse Res.) (+ A)	.. ..	NT(36)299544	915	37·7	25·43	169	125	30·82	221	154
DD	Moorfoot Hills (Rosebery)	.. ..	NT(36)308570	750	33·7	23·59	167	125	30·84	212	185
DD	PENICUIK	.. ..	NT(36)233599	620	37·3	24·73	171	126	30·68	202	157
d	Gorebridge	.. ..	NT(36)344618	560	30·1	21·34	163	106	28·72	213	158
d	Pentland Hills (Martyr's Cross)	.. ..	NT(36)229623	750	37·2	26·27	...	126	33·18	235	169
DD	Pentland Hills (Loganlea)	.. ..	NT(36)199626	811	38·6	26·80	173	127	33·13	221	155
D	Pentland Hills (Glencorse Filters)	.. ..	NT(36)225631	638	36·0	22·97	164	118	...	...	...
D	Pentland Hills (Glen Cottage)	.. ..	NT(36)223635	739	38·1	22·90	166	123	...	...	...
DD	Milton Bridge (BUSH HOUSE)	.. ..	NT(36)244636	605	...	22·18	168	110	30·52	206	154
d	Newbattle (Public School)	.. ..	NT(36)337649	300	27·5	19·57	...	93	24·12	199	135
5.—ALMOND & C. 153 sq. mi.												
DD	Pentland Hills (Crosswood)	.. ..	NT(36)056575	950	40·6	31·39	172	139	34·36	197	163
DD	Pateshill Reservoir n.g.	.. ..	NS(26)990592	900	51·9	35·70	188	157	36·15	215	169
D	Pentland Hills (Harperrig) (+ A)	.. ..	NT(36)102611	900	40·6	26·75	184	137	...	...	...
DD	Pentland Hills (Morton)	.. ..	NT(36)074632	749	38·5	29·24	182	142	33·27	222	164
d	West Calder (Addiewell)	.. ..	NT(36)001626	620	37·7	30·13	170	136	...	...	...
DD	BALERNO (Cockburn Farm)	.. ..	NT(36)147651	700	37·1	25·12	159	131	32·68	211	161
DD	Pentland Hills (Clubbiedean Res.)	.. ..	NT(36)203670	773	32·2	21·28	149	106	28·75	201	149

\$ Gauge over-sheltered.

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

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
MIDLOTHIAN—(contd.)				ft.	in.	in.			in.		
5.—ALMOND—(contd.)											
D D	MIDCALDER (Howden)	NT(36)053676	400	33·1	25·45	167	124	27·74	207	140	
d d	Fairmilehead (Swanston View)	NT(36)244682	578	...	20·17	157	108	29·26	210	149	
D	Fairmilehead (Waterworks)	NT(36)249683	590	31·2	...	...	...	27·08	200	131
D D	Liberton (Alnwick Hill) (+ A)	NT(36)273690	407	28·7	18·88	155	98	25·07	210	133	
M	Liberton (Hawkhead Grove)	NT(36)272695	400	29·7	18·76	...	...	...	...	...
D D	Colinton (Firhill Tank)	NT(36)226699	412	29·4	20·22	162	109	27·80	216	146	
d d	LIBERTON (College Farm)	NT(36)273705	190	28·5	17·93	...	91	25·27	163	135	
D d	Liberton (The Inch)	NT(36)277708	150	29·5	19·85	168	107	25·72	198	138	
D D	Edinburgh (Craiglockhart)	NT(36)224705	295	...	19·60	149	99	26·51	200	134	
D D	EDINBURGH (BLACKFORD HILL)	NT(36)259706	441	27·5	18·04	140	95	24·38	194	130	
d d	Edinburgh (Fountainhall Road)	NT(36)262715	225	28·5	18·35	149	97	25·36	204	135	
D d	Edinburgh (Portobello)	NT(36)302728	100	26·7	18·69	140	92	24·93	193	131	
D D	TURNHOUSE (Edinburgh Airport) (+ A)	NT(36)159739	114	27·0	19·64	158	98	23·86	193	129	
D D	EDINBURGH (EAST CRAIGS)	NT(36)183735	200	...	19·18	149	97	25·22	188	129	
d d	Edinburgh (Astley Ainslie Hospital)	NT(36)251713	270	28·5	18·75	...	109	27·71	...	153	
D D	EDINBURGH (ROYAL BOTANIC GDN.)	NT(36)247747	74	26·7	17·14	132	90	25·79	189	131	
D D	DAVIDSON'S MAINS (Easter Park)	NT(36)202757	200	28·1	19·69	157	100	26·65	212	131	
6.—CLYDE.											
Right Bank Tributaries. 1 sq. mi.											
WEST LOTHIAN. (Area, 120 sq. mi.)											
1.—ALMOND & C. 60 sq. mi.											
D D	West Calder (Westwood)	NT(36)014643	480	34·7	28·51	177	127	29·84	198	153	
M M	Uphall No. 7	NT(36)018712	646	35·4	27·65	...	...	30·75	...	...
M	Uphall No. 8	NT(36)024708	577	34·7	26·75	...	...	...	...	...
d d	Uphall (Middleton Hall)	NT(36)061716	350	33·8	25·39	...	...	29·18	...	...
d d	Dalmeny House	NT(36)168780	20	28·2	19·69	121	91	25·41	176	137	
2.—FORTH.											
Right Bank Tributaries. 59 sq. mi.											
D	¶ Armadale (Stonerigg Filters)	NS(26)933676	620	36·5	30·80	185	134	...	...	...
d d	Armadale (Sewage Works)	NS(26)938693	417	...	32·99	...	124	33·83	189	162	
D D	Bathgate (Northbank Filters)	NS(26)981692	640	38·8	29·14	172	123	32·95	213	163	
D D	Torphichen (Lochcote)	NS(26)974737	550	36·1	28·67	184	123	33·54	230	161	
D D	§ Uphill (Beecraigs)	NT(36)013743	477	39·3	29·84	172	131	33·16	209	155	
M M	Carriber Reservoir	NS(26)972749	350	35·1	27·98	...	...	32·58	...	...
W W	Linlithgow (Cockleroi Res.)	NS(26)994749	587	35·4	26·87	...	...	30·51	...	...
D D	Linlithgow (Craiglenroan)	NT(36)001766	290	...	25·61	161	114	30·36	207	148	
D	Linlithgow (Preston House)	NS(26)995758	380	35·8	...	...	...	36·48	237	161
D D	Linlithgow (Grange)	NT(36)000787	440	32·4	24·38	175	116	32·12	203	160	
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.

§ Turf wall around gauge.

¶ Gauge over-exposed.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
LANARKSHIRE—(contd.)											
2.—ALMOND. 14 sq. mi.											
3.—FORTH.											
Right Bank Tributaries. 9 sq. mi.											
D D	Airdrie (Forrestburn Reservoir)	NS(26)874649	735	...	37·45	189	156	37·78	220	164	
4.—CLYDE.											
Right Bank Tributaries. 378 sq. mi.											
M M	§Daer (Lamb Sike)	NS(26)978044	1310	80·5	74·55	...	...	84·10	...	...
D	§Daer (Crookburn)	NS(26)966056	1163	84·3	...	...	...	84·47	249	205
M M	§Daer (Whiteburn)	NS(26)997060	1250	79·4	73·55	...	...	80·60	...	...
D D	§Daer (Sweetshaw Burn)	NS(26)983090	1152	71·0	65·18	208	175	70·77	234	188	
D	§Daer (Garls Craig)	NS(26)976092	985	71·3	...	...	...	72·98	233	184
M M	§Crawford (Camps Res.) Risingclaw	NT(36)036199	1610	64·4	60·45	...	...	65·25	...	...
M M	§Crawford (Camps Res.) Peat Rig	NT(36)013209	1485	62·1	59·60	...	...	63·40	...	...
M M	§Crawford (Camps Res.) Whitecamp	NT(36)029214	1155	54·6	50·45	...	...	57·70	...	...
D D	Crawford (Camps Reservoir) .. (+ A)	NS(26)997226	969	45·8	44·80	201	159	46·37	227	176	
M M	Crawford (Camps Res.) Kneesend	NT(36)013225	1205	52·9	47·75	...	...	52·05	...	...
M M	§Crawford (Camps Res.) Hillshaw	NT(36)042252	1805	57·9	50·05	...	...	56·95	...	...
M M	§Crawford (Camps Res.) Linnburn	NT(36)022253	1210	53·3	48·35	...	...	50·30	...	...
M M	Lamington (Cowgill Res.)	NT(36)009288	1012	43·8	38·20	...	...	42·81	...	...
D D	Bonnington Weir	NS(26)887407	572	34·5	29·00	191	141	31·24	213	149	
D D	Stonebyres Weir	NS(26)855442	306	32·8	28·18	178	137	29·81	206	146	
D D	CARNWATH	NS(26)980462	706	34·5	27·35	189	138	29·40	221	149	
D D	Carluke (Coldstream Res.)	NS(26)875498	800	36·1	28·93	202	141	32·93	233	154	
M M	Carluke (Whiteshaw)	NS(26)841506	630	33·9	26·91	...	...	29·34	...	...
WW	Carluke (Springfield Res.)	NS(26)906520	860	39·3	30·24	...	...	35·11	...	...
D D	Carluke (Gair Res.)	NS(26)857535	665	33·0	26·82	174	133	32·28	213	148	
M M	Wishaw (Coronation Street)	NS(26)810552	510	33·8	27·19	...	...	31·07	...	...
WW	Motherwell (Elvan Street)	NS(26)748570	175	35·4	27·22	...	...	30·65	...	...
D D	Shotts Reservoir	NS(26)885603	812	41·0	36·79	190	153	38·24	223	167	
D D	Glasgow (Tollcross Park)	NS(26)639638	84	39·0	30·12	190	142	35·96	209	166	
D D	Glasgow Green	NS(26)599645	35	39·4	31·12	186	142	37·95	212	164	
D D	Glasgow (Alexandra Park)	NS(26)617658	141	39·2	31·69	189	148	37·88	219	173	
D D	Glasgow (Botanic Gdns.)	NS(26)568675	131	40·1	33·84	187	144	39·22	210	172	
D D	Glasgow (Kelvingrove Park)	NS(26)572666	48	39·8	32·63	182	149	37·77	210	173	
D D	Glasgow (Victoria Park)	NS(26)543673	30	38·8	32·46	191	143	39·78	228	167	
D D	Glasgow (Ruchill Park)	NS(26)578684	228	38·3	34·19	196	150	39·25	225	171	
D D	GLASGOW (SPRINGBURN PARK)	NS(26)610685	351	39·9	34·21	196	150	41·32	230	170	
M M	Clarkston (Roughrigg Res.)	NS(26)807639	664	39·1	30·35	...	...	33·85	...	...
d d	Coatbridge (West End Park)	NS(26)717638	240	38·9	30·53	...	140	34·32	...	154	
D D	COATBRIDGE	NS(26)708646	256	35·3	29·19	175	143	32·86	213	157	
D D	Coatbridge (Whifflet Public Park)	NS(26)740637	295	36·3	29·77	195	142	33·28	205	163	
D D	Coatbridge (Dunbeth Public Park)	NS(26)743654	325	38·6	30·15	197	145	33·97	213	168	
D D	Airdrie (Broomknoll Street)	NS(26)762651	402	36·7	28·76	170	136	33·39	199	168	
D D	Gartcosh (Gartloch Hospital)	NS(26)673670	291	39·9	32·53	189	148	36·85	219	170	
D D	Bishopbriggs (Springfield Nursery)	NS(26)619700	300	...	33·81	179	148	39·96	195	160	
5.—CLYDE.											
Left Bank Tributaries. 448 sq. mi.											
M	§Daer (Thick Cleuch)	NS(26)952021	1485	82·4	...	...	...	82·75	...	...
D D	§Daer (Daerhead)	NS(26)964030	1304	85·3	78·25	216	188	88·23	228	198	
M M	§Daer (Upper Carshope)	NS(26)939040	1600	83·7	76·30	...	...	85·40	...	...
M M	§Daer (Lower Carshope)	NS(26)963048	1180	80·9	75·65	...	...	82·40	...	...

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
LANARKSHIRE—(contd.)									
5.—CLYDE Left Bank Tbts.—(contd.)									
D D §Daer (Kirkhope)	NS(26)963055	1170	78·9	72·53	213	186	78·20	239	205
M M §Daer (Kirkhope Cleuch)	NS(26)954069	1350	84·0	78·45	...	...	83·20	...	...
M M §Daer (Hitteril)	NS(26)963099	950	68·0	64·25	...	...	69·70	...	...
M M Elvanfoot (Potrenick Burn)	NS(26)934101	1004	67·2	60·84	...	...	66·34	...	...
d d Elvanfoot (Peden Res.)	NS(26)942123	964	67·4	61·22	...	161	66·35	...	166
D D LEADHILLS (Muirhouse)	NS(26)888153	1270	65·3	60·34	205	169	61·89	237	185
D D Douglas (Monksfoot)	NS(26)787286	780	50·0	45·79	206	174	46·71	231	170
D COALBURN	NS(26)801338	920	51·5	45·26	200	163	...	...	...
D COALBURN (Midtown)	NS(26)830342	707	...	...	...	...	40·78	220	153
d D Strathaven (GLENCAVEL Res.)	NS(26)663351	839	55·4	51·67	...	178	50·71	225	178
D D Strathaven (Dunside Res.)	NS(26)748372	1002	53·7	45·41	198	162	47·63	214	161
D D Strathaven (Kype Res.)	NS(26)735387	941	53·5	47·34	197	169	46·22	216	173
D D Stonehouse (Glassford Filters)	NS(26)708479	775	48·6	39·02	192	156	43·08	218	164
D D Hamilton W.W. (Townhill) .. (+ A)	NS(26)694546	430	39·2	28·95	183	141	37·30	210	160
D D §THORNTONHALL (+ A)	NS(26)590555	453	46·1	39·49	190	159	43·24	213	166
W Carmunnock (Waterworks)	NS(26)608574	540	40·9	34·45	...	...	...	...	...
D Bothwell (Sewage Purification Works)	NS(26)714576	112	33·8	27·95	179	136	...	...	...
D D Cambuslang (Greenlees Filters)	NS(26)640590	322	44·0	35·08	182	147	38·29	201	149
D D Glasgow (Linn Park)	NS(26)582592	164	42·0	33·88	196	150	39·43	214	160
D D Glasgow (Rutherglen)	NS(26)603608	100	43·2	35·54	208	153	38·60	213	164
D D Glasgow (Queen's Park)	NS(26)578619	147	38·8	32·84	202	150	37·35	227	167
D D Glasgow (Bellahouston Park)	NS(26)551638	80	...	35·31	181	151	40·27	211	162
D D Glasgow (Elder Park)	NS(26)543658	25	41·6	34·35	188	145	41·00	220	172
6.—IRVINE. 2 sq. mi.									
7.—AYR. 1 sq. mi.									
8.—NITH. 2 sq. mi.									
9.—ANNAN. 7 sq. mi.									
AYRSHIRE. (Area, 1,135 sq. mi.)									
1.—CLYDE.									
Left Bank Tributaries. 7 sq. mi.									
2.—FIRTH OF CLYDE. 60 sq. mi.									
D D §Ardrossan (Mill Glen Filters)	NS(26)235444	167	43·5	35·12	178	144	45·76	206	172
D D Stevenston (Greenhead Filters)	NS(26)273437	186	42·9	37·88	186	149	48·31	207	166
W W §Ardrossan (Busbie Res.)	NS(26)239463	370	47·7	39·25	...	...	49·07	...	...
D D West Kilbride (Crosbie Reservoir)	NS(26)218507	373	...	44·39	195	157	50·32	210	174
d d West Kilbride (Hunterston)	NS(26)184513	27	...	40·08	183	162	44·51	216	171
M M Fairlie (Waterworks)	NS(26)214555	270	52·1	47·14	...	...	56·83	...	...
D Largs (Moorburn Nursery)	NS(26)204599	20	...	...	...	...	51·13	209	175
D D LARGS (WOODBANK)	NS(26)199607	25	48·8	45·29	188	153	48·40	205	165
D D Largs (South Routenburn)	NS(26)196615	150	46·1	43·43	195	160	44·39	216	167
D D Largs (Middleton Filters)	NS(26)215624	230	52·2	49·23	206	170	51·07	214	179
M Greenock W.W. (Knockencorsan)	NS(26)249682	940	68·7	...	...	...	66·90	...	...
M M §Greenock W.W. (Largs Road)	NS(26)242686	910	70·8	69·50	...	...	75·00	...	...

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
AYRSHIRE—(contd.)											
3.—IRVINE & c. 296 sq. mi.											
d	Prestwick (Sherwood Road)	NS(26)363258	50	...	...	...	...	35·41	198	147
D D	PRESTWICK AIRPORT (+ A)	NS(26)358269	30	36·9	30·38	167	131	34·54	190	144	
D D	Prestwick (Ladykirk Filters)	NS(26)388270	185	38·0	31·94	172	145	35·41	204	152	
ww	Hurlford (Carnell)	NS(26)467323	250	42·7	36·30	...	...	37·95	...	...
d d	Troon (Collenan Res.)	NS(26)350331	203	...	33·60	...	145	38·59	226	159	
D	Irvine (Gailes)	NS(26)323355	12	39·0	...	...	...	35·47	202	160
D d	Newmilns (Tanfine)	NS(26)547364	500	51·0	45·66	189	160	47·48	193	166	
D D	Darvel (Kirkland Park)	NS(26)563376	347	46·0	40·90	183	155	41·22	203	164	
D D	KILMARNOCK (Springhill House) ..	NS(26)421377	115	41·6	36·42	175	141	37·15	187	149	
d d	Irvine (Ravenspark Hospital) ..	NS(26)311406	24	40·9	32·20	...	132	37·03	181	147	
D D	Kilmarnock (North Craig Res.) ..	NS(26)438412	319	46·5	42·58	187	159	43·05	212	163	
D D	Montgreenan Gardens	NS(26)344443	180	47·3	41·90	188	159	45·71	209	175	
MM	Fenwick (Whiteleehill)	NS(26)546427	915	55·0	47·18	...	...	47·65	...	...
MM	Croilburn	NS(26)537440	725	51·7	45·76	...	...	47·03	...	...
D D	Fenwick (Amlaird Filters)	NS(26)483444	590	50·6	42·88	206	165	45·20	226	165	
MM	Craigendunton Reservoir	NS(26)522455	805	56·3	49·70	...	...	51·18	...	...
MM	Loch Goin Reservoir	NS(26)534473	865	59·5	55·70	...	...	54·46	...	...
d d	Blair Gardens	NS(26)302481	155	51·0	48·04	...	168	56·07	...	190	
MM	Raithill	NS(26)483466	640	55·0	43·75	...	...	(48·16)	...	...
M	Moor Farm	NS(26)509480	810	57·8	47·74	...	...	...	...	...
D D	Stewarton Filters	NS(26)439478	515	51·4	43·38	176	159	45·26	191	168	
D D	Dunlop (The Hill)	NS(26)412489	480	...	45·16	201	166	47·77	200	166	
D D	Dalry (Munnock Res.)	NS(26)253481	325	52·5	45·09	195	159	52·41	220	183	
D D	Dalry (Caaf Reservoir) n.g. ..	NS(26)255499	550	...	48·62	196	162	55·16	225	178	
D D	Dalry (Birkheadsteel)	NS(26)245503	520	60·0	50·38	196	164	55·53	225	176	
D D	Dalry (Filters)	NS(26)277501	320	55·3	48·55	189	155	55·74	211	181	
MM	Dalry (Thirdpart)	NS(26)266508	560	...	51·82	...	...	(60·91)	...	...
MM	§Dalry (Drum Burn)	NS(26)237513	684	...	48·10	...	...	56·70	...	...
MM	Dalry (South Knockendon) ..	NS(26)245513	709	...	50·90	...	...	60·60	...	...
MM	§Dalry (Knockendon)	NS(26)240524	750	60·1	52·70	...	...	61·65	...	...
M	Dalry (South Bradshaw)	NS(26)246528	932	...	...	...	...	62·10	...	...
M	Dalry (Bradshaw)	NS(26)239539	1060	...	...	...	...	61·20	...	...
MM	Dalry (Haining)	NS(26)264545	895	66·0	56·75	...	...	63·55	...	...
MM	Dalry (Camphill Res.) (+ A)	NS(26)275549	611	70·6	58·29	...	...	67·00	...	...
MM	Dalry (Catburn)	NS(26)255559	1014	71·3	62·35	...	...	69·20	...	...
MM	§Dalry (Whitehill)	NS(26)264563	628	70·3	60·55	...	...	71·55	...	...
M	§Dalry (Routdane Burn)	NS(26)266573	1044	...	...	...	...	65·15	...	...
MM	§Dalry (Blairpark)	NS(26)246574	722	68·2	61·80	...	...	71·55	...	...
MM	Dalry (Rye Water)	NS(26)253587	1032	72·8	60·81	...	...	70·25	...	...
D D	Beith (Filter Station)	NS(26)371538	412	57·2	47·59	201	174	53·04	215	182	
D D	Kilbirnie (Holehouse Filters) ..	NS(26)309560	377	70·3	56·76	221	177	64·40	238	186	
M	Kilbirnie (Pundeavon Reservoir) No. 2	NS(26)294577	904	...	...	...	...	77·04	...	...
4.—AYR. 222 sq. mi.											
D D	Ayr (Cemetery)	NS(26)348211	40	35·9	30·32	170	141	34·54	194	155	
D D	AUCHINCRAIVE	NS(26)389236	147	39·4	31·72	180	135	34·24	192	149	
d d	Muirkirk (Kaimeshill)	NS(26)696266	750	48·1	42·91	(196)	(165)	44·16	(234)	(168)	
D D	Mauchline (Hillhead Tank)	NS(26)494283	564	44·6	39·66	195	149	39·43	204	165	
5.—DOON. 119 sq. mi.											
MM	Loch Recaurr	NX(25)441938	933	75·1	71·40	...	...	76·10	...	...

§ Turf wall around gauge.

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

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
AYRSHIRE—(contd.)					ft.	in.	in.			in.		
5.—DOON—(contd.)												
ww	Loch Finlas	..	..	NX(25)469981	840	66·1	59·96	...	...	63·57	...	...
ww	§Loch Doon (Starr)	..	..	NX(25)482937	800	64·1	62·33	...	...	65·61	...	...
DD	§Loch Doon (Garpel Burn)	..	..	NX(25)482985	710	...	59·50	207	164	61·66	212	164
DD	†Dalmellington (Mossdale Filters) <i>n. site</i>	..	..	NS(26)495043	752	52·3	52·81	211	177	58·30	228	180
d	Dunaskin (Ardoon)	..	..	NS(26)441086	686	50·6	...	...	...	49·30	184	157
DD	Patna (Kerse Filters)	..	..	NS(26)425131	741	50·9	44·58	218	166	48·20	236	174
DD	Maybole (Otterden) <i>new site</i>	..	..	NS(26)308147	350	45·3	35·60	192	154	40·74	216	157
MM	Dalrymple (Knockjarder W.W.)	..	..	NS(26)354151	287	43·3	35·73	...	...	37·67	...	...
DD	Ayr (Doonholm)	..	..	NS(26)338175	90	44·2	36·23	184	150	41·38	205	151
D	Alloway (Doonside)	..	..	NS(26)332177	250	46·3	33·59	181	147	...	...	...
6.—CULZEAN BAY & C. 32 sq. mi.												
D	Maybole (Culzean Castle Gdns.)	..	..	NS(26)232103	138	43·3	35·35	171	143	...	...	...
7.—GIRVAN. 105 sq. mi.												
DD	Girvan (Penwhapple Reservoir)	..	..	NX(25)257969	662	54·2	52·15	213	165	56·06	215	182
ww	Loch Bradan <i>new site</i>	..	..	NX(25)436978	990	69·2	(66·81)	...	...	72·10	...	...
8.—STINCHAR & C. 155 sq. mi.												
D	Ballantrae	..	..	NX(25)086825	15	43·7	36·49	208	141	...	...	...
DD	COLMONELL (Knockdolian)	..	..	NX(25)122857	170	43·7	38·30	181	151	44·71	191	159
ww	Girvan (Glendriassaig Res.)	..	..	NX(25)188950	266	50·4	41·54	...	...	47·48	...	...
DD	BARR (Changue)	..	..	NX(25)287943	400	...	52·17	209	166	57·34	221	178
9.—LOCH RYAN. 12 sq. mi.												
10.—LUCE BAY. 15 sq. mi.												
DD	Ballantrae (Lagafater Lodge)	..	..	NX(25)138762	800	63·3	54·69	183	163	65·09	212	181
11.—CREE. 40 sq. mi.												
12.—DEE. 9 sq. mi.												
13.—NITH. 62 sq. mi.												
MM	Afton Res. (Afton Water)	..	..	NS(26)637024	1525	90·5	87·65	...	...	89·00	...	...
MM	Afton Res. (Alwhat Burn)	..	No. 2	NS(26)642029	1435	88·3	83·90	...	...	88·10	...	...
MM	Afton Res. (Montraw Burn)	..	..	NS(26)649034	1554	87·0	84·15	...	...	87·35	...	...
MM	§Afton Res. (Montraw)	..	..	NS(26)639035	1372	83·5	79·45	...	...	79·70	...	...
MM	Afton Res. (Green Burn)	..	..	NS(26)633035	1415	91·3	89·00	...	...	90·65	...	...
D	Afton Reservoir (No. 2)	..	..	NS(26)632044	1277	...	74·85	230	188	...	...	...
D	Afton Reservoir (Filters)	..	..	NS(26)630050	1275	83·2	...	...	...	88·35	248	201
DD	Glen Afton Hospital	..	..	NS(26)616101	833	57·5	51·89	209	171	57·92	222	175
DD	New Cumnock (Bank Colliery)	..	..	NS(26)595114	741	52·8	49·92	201	164	54·39	213	171
	Ailsa Craig	..	..	NX(25)025997	35	32·1	29·00	128	117	...	...	...
14.—INSULAR. 1 sq. mi.												
RENFREWSHIRE.												
(Area, 241 sq. mi.)												
1.—CLYDE.												
Right Bank Tributaries. 3 sq. mi.												

§ Turf wall around gauge.

† 1960 values from new gauge 25 yds. N.W.

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

STATIONS		Rain-gauge site		Average Rain- fall	1959			1960		
		National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
RENFREWSHIRE—(contd.)			ft.	in.	in.			in.		
2.—CLYDE.										
Left Bank Tributaries. 194 sq. mi.										
MM	Eaglesham (Dunwan Res.) .. No. 3	NS(26)551487	822	57·5	53·15	...	...	56·34	...	...
MM	Eaglesham (Dunwan Res.) .. No. 4	NS(26)542492	841	57·3	53·20	...	...	56·77	...	...
WW	Eaglesham (Dunwan Res.) .. No. 2A	NS(26)555497	820	57·9	53·95	...	...	58·68	...	...
WW	Eaglesham (Picketlaw Res.) .. No. 1	NS(26)567516	690	57·0	52·07	...	...	54·05	...	...
MM	Long Loch Reservoir (South End) ..	NS(26)472518	770	56·4	51·26	...	...	51·18	...	...
MM	Long Loch Reservoir (North End) ..	NS(26)485533	775	54·2	47·54	...	...	50·66	...	...
DD	Gorbals District W.W. (Waulk Glen) ..	NS(26)522578	280	49·5	44·33	193	165	48·37	199	171
MM	Paisley W.W. (Muirhead) ..	NS(26)391571	482	59·0	47·72	...	...	52·79	...	...
DD	Neilston (Filters) ..	NS(26)475564	561	57·4	50·70	200	161	52·61	218	177
MM	Paisley W.W. (Springside) ..	NS(26)404578	532	59·0	50·49	...	...	53·27	...	...
MM	Paisley W.W. (Back Thornlymuir) ..	NS(26)467592	646	...	48·64	...	...	49·50	...	...
MM	Paisley W.W. (Stanely) ..	NS(26)469616	190	50·5	46·05	...	...	47·77	...	...
DD	BARRHEAD (Sewage Works) ..	NS(26)511601	97	45·5	39·26	191	148	43·73	202	153
DD	Howwood (Tor Bracken) ..	NS(26)405601	360	59·1	46·85	205	160	54·91	221	172
DD	Thornliebank (Rouken Glen Park) ..	NS(26)548586	155	...	35·93	174	148	40·23	204	163
DD	Pollokshaws (Pollok House) ..	NS(26)549619	50	39·7	32·39	...	129	39·69	187	149
DD	Lochwinnoch (Sewage Works) ..	NS(26)356588	95	64·0	53·24	196	166	59·21	213	177
DD	Lochwinnoch (Kaim Dam) ..	NS(26)347621	616	78·7	64·43	203	179	72·49	210	193
d	Kilbarchan (Glentyan) ..	NS(26)395631	300	61·5	...	...	...	56·09	204	182
MM	§Calder Water (White Grain Burn) ..	NS(26)279633	1437	92·2	78·89	...	...	92·25	...	...
DD	Calder Water (Muirshiel Mill) .. (+ A)	NS(26)310633	782	85·0	72·23	227	184	83·80	247	196
MM	§Calder Water (Queenside Loch) ..	NS(26)294643	1260	94·5	82·82	...	...	93·59	...	...
MM	Upper Calder ..	NS(26)265647	1337	90·8	81·02	...	...	93·97	...	...
DD	Calder Water (Barytes Mine) ..	NS(26)283650	1008	90·9	80·32	228	191	90·76	247	204
DD	Bridge of Weir (Ranfurly) ..	NS(26)389652	290	62·3	52·85	208	178	59·26	212	182
MM	Calder Dam ..	NS(26)295653	918	95·1	83·14	...	...	91·68	...	...
DD	Paisley (Thornly Park School) ..	NS(26)487613	195	51·4	45·18	185	155	49·01	211	178
DD	PAISLEY (Coats Observatory) ..	NS(26)478642	106	44·2	36·97	192	150	44·29	216	162
M	§Greenock W.W. (Duchal Moor) ..	NS(26)282667	1150	83·5	...	...	...	77·40	...	...
MM	§Greenock W.W. (Creuch Hill) ..	NS(26)267688	1350	...	71·80	...	...	79·40	...	...
MM	Greenock W.W. (Green Water) ..	NS(26)287701	788	73·6	65·00	...	...	73·40	...	...
DD	RENFREW (Glasgow Airport) .. (+ A)	NS(26)508662	26	40·7	32·58	185	141	38·90	212	155
DD	Kilmacolm (Waterworks) ..	NS(26)317674	600	70·0	58·41	206	181	62·74	226	188
DD	Kilmacolm Village ..	NS(26)358691	243	60·4	57·04	206	174	55·16	226	179
DD	Greenock W.W. (Gryfe Res.) ..	NS(26)285713	640	69·4	52·78	200	170	61·43	223	184
DD	Greenock W.W. (Mansfield) ..	NS(26)295714	593	66·5	50·29	200	171	58·43	224	183
MM	§Greenock W.W. (Darndaff Moor) ..	NS(26)276731	850	67·9	60·50	...	...	66·00	...	...
WW	Greenock W.W. (Kelly Dam) ..	NS(26)221684	640	66·3	59·00	...	...	65·60	...	...
3.—FIRTH OF CLYDE. 34 sq. mi.										
MM	Inverkip (Daff Burn Res.) ..	NS(26)228711	506	65·0	58·31	...	...	58·97	...	...
DD	Dougliehill Filters (Pt. Glasgow W.W.)	NS(26)317739	550	56·2	45·06	195	169	49·54	220	168
DD	Parkhill Filters (Pt. Glasgow W.W.) ..	NS(26)354736	275	52·0	42·75	191	156	50·17	203	167
D	§Greenock W.W. (Compensation Res.)	NS(26)248723	600	...	...	...	...	66·20	240	193
DD	Greenock W.W. (Loch Thom) ..	NS(26)256724	643	70·4	62·25	220	184	72·52	239	195
WW	§Greenock W.W. (Shielhill) ..	NS(26)238727	912	72·3	61·10	...	...	67·50	...	...
DD	Greenock W.W. (New Tett's Dam) ..	NS(26)264738	800	67·2	57·47	211	178	68·84	233	190
WW	Greenock W.W. (Spango Burn) ..	NS(26)240732	757	70·9	63·80	...	...	69·40	...	...
DD	Greenock W.W. (Hole Glen) ..	NS(26)258746	603	69·6	58·44	212	179	68·10	229	188

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
RENFREWSHIRE—(contd.)									
3.—FIRTH OF CLYDE—(contd.)									
D D GREENOCK (Prospect Hill) .. (+ A)	NS(26)268757	199	62.5	53.68	204	168	58.87	227	172
D D Gourrock (Larkfield Filters)	NS(26)244761	350	60.8	52.04	193	170	60.71	214	184
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 Cumbernauld House (+ A)	NS(26)772760	310	...	...	...	...	43.60	209	170
D D HELENSBURGH (Valve House)	NS(26)303836	293	57.6	44.99	200	171	49.62	225	184
Garelochhead (Whistlefield Filters) ..	NS(26)237925	295	72.4	57.68	...	...	...	...	...
D D Garelochhead (Arddarroch Gdns.) ..	NS(26)239950	50	...	69.70	212	185	70.06	237	194
3.—CLYDE. LEVEN. 149 sq. mi.									
d d Dumbarton (Sewage Works)	NS(26)407745	11	46.2	39.66	...	147	43.84	...	167
D D Loch Lomond Park	NS(26)391831	156	62.7	50.41	219	197	50.51	243	190
M Helensburgh (Blairnairn) .. No. 1	NS(26)302882	575	...	...	...	...	63.46	...	...
M Loch Sloy (Coiregrogain)	NN(27)300093	449	119.1	103.23	...	...	...	...	...
D D Loch Sloy (Sloy Power Station) (+ A)	NN(27)324099	40	106.3	96.45	222	198	92.65	237	197
D D Loch Sloy (Main Adit)	NN(27)293105	700	123.4	114.46	225	205	104.67	237	212
M M Ardvorlich	NN(27)315116	1123	125.1	116.88	...	...	107.51	...	...
M M Allt a' Chnoic	NN(27)255140	1349	129.6	114.65	...	...	113.12	...	...
M M Loch Sloy (Cam Allt)	NN(27)266143	1600	132.1	115.21	...	...	109.85	...	...
M Dubh Uisge	NN(27)285152	1060	...	...	...	...	109.44	...	...
4.—CLYDE. Right Bank Tributaries. 59 sq. mi.									
W W Bowling Filters	NS(26)449740	230	...	38.57	...	...	44.94	...	...
D D Duntocher (Cochno Filters)	NS(26)495737	385	48.9	40.82	191	163	44.82	207	173
D D Cumbernauld (Auchenkilm Road) ..	NS(26)743734	255	...	36.03	178	144	39.54	213	164
W W Kilpatrick Hills (Greenside Res.) ..	NS(26)478754	840	...	43.33	...	...	52.22	...	...
W W Kilpatrick Hills (Loch Cochno) ..	NS(26)488763	915	58.6	46.56	...	...	53.99	...	...
W W Kilpatrick Hills (Jaw Reservoir) ..	NS(26)496757	910	56.6	45.63	...	...	53.80	...	...
STIRLINGSHIRE. (Area, 463 sq. mi.)									
1.—FORTH. Right Bank Tributaries. 263 sq. mi.									
D D Shieldhill (Gardrum Moss)	NS(26)898751	660	40.7	32.79	179	139	39.08	208	173
d d Falkirk (Inglewood Laurieston) ..	NS(26)907797	133	37.1	28.11	...	...	34.27	...	...
D Falkirk (Windsor Road)	NS(26)873796	160	...	...	...	...	35.65	205	160
D FALKIRK (Arnotdale) (+ A)	NS(26)880803	105	37.2	30.33	175	131	...	...	...
d Falkirk (Putting Green)	NS(26)879803	105	37.2	...	...	...	35.98	197	157
M M Falkirk (Kerse)	NS(26)912817	18	33.6	26.88	...	...	32.13	...	...
d Grangemouth (Public Park)	NS(26)930816	15	33.9	...	...	...	30.09	217	146

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
STIRLINGSHIRE—(contd.)											
1.—FORTH—Right Bank Tbts. (contd.)											
M M	Little Denny Reservoir	NS(26)799816	325	46.7	39.46	...	...	42.75	...	...
M M	Little Denny Filters	NS(26)805820	243	46.7	39.47	...	...	42.38	...	...
M M	Kilsyth (Faughlin Res.)	NS(26)741831	707	60.4	50.32	...	...	54.94	...	...
D D	Kilsyth (Craigannet)	NS(26)717839	740	62.0	53.51	201	163	60.19	244	193	
M M	Fintry (Waterhead)	NS(26)651836	850	67.5	56.65	...	...	62.73	...	...
M M	§Kilsyth (Kirkburn)	NS(26)701839	743	62.2	52.10	...	...	58.16	...	...
M M	§Denny (Buckieburn Res.)	NS(26)742856	824	60.6	54.14	...	...	60.97	...	...
M M	§Denny (Buckieburn Filters)	NS(26)751851	760	60.9	54.87	...	...	59.58	...	...
M M	Earlsburn Reservoir	NS(26)702893	1202	63.4	49.75	...	...	63.41	...	...
D D	Stirling (North Third Reservoir) No. 1	NS(26)756896	574	54.1	47.27	202	157	55.01	232	181	
M M	Stirling (North Third Reservoir) No. 2	NS(26)742891	820	55.5	46.24	...	...	56.10	...	...
M M	Stirling (North Third Reservoir) No. 3	NS(26)733886	989	57.4	49.12	...	...	60.15	...	...
D D	Stirling (Touch Res.) No. 3	NS(26)732915	758	58.6	47.04	203	164	60.70	232	186	
D D	Stirling (Touch Res.) No. 2	NS(26)735918	704	59.2	46.59	203	162	60.29	232	184	
D D	Stirling (Touch Res.) No. 1	NS(26)746917	455	55.6	43.95	196	157	56.32	224	174	
D d	Kippen (Gribloch Gardens)	NS(26)634926	530	50.6	39.96	193	153	48.90	193	169	
D D	STIRLING (Sauchie House)	NS(26)793936	151	38.5	32.12	184	135	38.88	210	160	
D	STIRLING (BATTERFLATS)	NS(26)786925	125	...	...	...	...	41.75	202	162
M M	Meiklewood	NS(26)727957	39	44.1	33.27	...	...	43.30	...	...
M M	Duchray Valley (Ben Lomond)	NN(27)401017	1500	92.1	82.00	...	...	88.30	...	...
M M	Duchray Valley (Glen Dhu)	NN(27)400034	500	86.8	75.35	...	...	84.25	...	...
M	Duchray Valley (Comer)	NN(27)385041	600	89.5	...	...	...	81.15	...	...
M M	Duchray Valley (Achaidh Burn)	NN(27)369043	1200	99.7	85.60	...	...	93.95	...	...
M M	Duchray Valley (Head of Main Stream)	NN(27)390062	950	92.7	80.25	...	...	81.60	...	...
D D	Stronachlachar (Invergyle)	NN(27)402131	376	93.7	76.97	227	193	81.10	239	195	
2.—FORTH. Teith. 5 sq. mi.											
3.—FORTH. Left Bank Tributaries. 15 sq. mi.											
D D	Bridge of Allan (Park Cottage)	NS(26)791972	37	38.0	33.51	195	147	43.30	228	166	
4.—CLYDE. Leven. 128 sq. mi.											
M M	Kilpatrick Hills (Burncrooks Res.) ..	NS(26)485796	822	...	46.21	...	...	53.25	...	...
d D	Strathblane (Blane field)	NS(26)555796	250	55.3	46.69	...	161	50.60	220	193	
d D	Fintry (Police Station)	NS(26)616867	300	59.9	55.16	181	153	60.36	224	182	
D D	Balfron (Old Ballikinrain)	NS(26)559879	214	51.7	44.50	197	164	48.82	217	176	
M M	§Endrick Weir	NS(26)682867	780	61.4	52.35	...	...	61.49	...	...
	Loch Arklet (Corrieichon)	NN(27)374085	870	...	75.70	...	...	...	...	...
	Loch Arklet (Corrieichon) <i>new site</i> ..	NN(27)371081	870	...	...	...	...	81.30	...	...
	Loch Arklet (Corriearklet)	NN(27)382099	950	89.7	79.10	...	...	83.80	...	...
5.—CLYDE. Right Bank Tributaries. 52 sq. mi.											
D D	Strathblane (Mugdock Reservoir) ..	NS(26)557755	320	50.9	41.67	197	164	46.95	227	178	
D D	Kilsyth (Sewage Works)	NS(26)716779	135	49.9	43.65	201	170	51.19	228	181	
D D	Kilsyth (Colzium Lennox House) ..	NS(26)727786	306	52.5	43.92	194	163	48.77	218	176	
D D	Lennox town	NS(26)629788	320	56.6	47.85	174	158	53.13	209	182	

§ Turf wall around gauge.

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS		Rain-gauge site		Average Rain-fall	1959			1960		
		National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
BUTESHIRE. (Area, 218 sq. mi.)										
1.—ISLE OF BUTE. 50 sq. mi.										
D D	Rothesay (Dhu Loch Water Works) ..	NS(26)071624	273	51·9	46·78	194	160	51·52	218	177
D	ROTHESAY (Academy)	NS(26)083649	150	56·2	...	...	...	53·90	231	179
2.—CUMBRAES. 4 sq. mi.										
D D	MILLPORT (Marine Biol. Station) ..	NS(26)174544	16	45·1	41·71	190	155	45·73	211	161
WW	Millport (Waterworks)	NS(26)159558	117	44·0	42·02	...	...	44·52	...	...
3.—ARRAN. 164 sq. mi.										
D D	Dougarie Lodge	NR(16)883372	50	48·4	47·24	207	164	51·68	224	179
D	LOCHRANZA	NR(16)936508	35	...	55·29	194	162	...	...	...
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)	NM(17)416675	79	...	...	...	...	37·51	223	157
D D	Morvern (Drimnin)	NM(17)553550	225	61·0	60·56	233	196	52·81	237	204
D	LOCH SHIEL (Pollock House)	NM(17)793688	33	87·2	90·18	241	215	...	...	...
3.—LOCH LINNHE. Right Bank Tributaries. 139 sq. mi.										
D D	Morvern (Kingairloch)	NM(17)836531	40	105·1	106·25	225	205	89·98	219	202
D	Ardgour (Inversanda)	NM(17)940595	25	106·6	101·78	240	206	...	...	...
	Corran Lighthouse	NN(27)016635	13	85·3	80·03	227	190	62·49	212	180
D D	Ardgour House	NM(17)994639	60	110·3	95·76	240	208	74·33	230	189
D	Conaglen	NN(27)025691	50	97·0	96·15	234	198	...	...	...
4.—LOCH LINNHE. Left Bank Tributaries. 165 sq. mi.										
d d	Barcaldine	NM(17)958415	50	69·1	64·48	229	190	55·61	233	179
D D	Loch Creran (Rhuagarbh)	NM(17)933407	20	66·2	58·51	231	186	51·52	235	186
D D	Duror (Achadh Nan Sgiath)	NM(17)980557	40	...	67·92	248	226	54·72	233	191
M M	Glenduror Forest	NN(27)048544	970	115·0	114·70	...	...	91·65	...	...
	Glenleven (Blackwater House)	NN(27)282599	1070	...	78·86	...	...	70·30	...	...
D	Glenleven (Blackwater Dam S.)	NN(27)245601	1100	95·4	94·88	251	219	...	...	...
D	Glenleven (Blackwater Dam S.) <i>new site</i>	NN(27)245602	1035	...	...	...	...	83·77	279	226
d d	Glenleven (Kinlochleven) .. No. 1	NN(27)193617	140	94·1	90·68	(223)	(202)	75·48	(235)	(208)
5.—LOCH ETIVE. 197 sq. mi.										
w	Glen Noe	NN(27)061341	100	...	...	...	...	71·17	...	...
d d	Connel (Alltnacree)	NM(17)933360	10	...	52·76	221	193	49·92	230	183
d d	Glen Etive (Dalness)	NN(27)169512	240	121·3	104·20	222	199	94·26	242	211
6.—LOCH ETIVE. Loch Awe. 319 sq. mi.										
D	Loch Awe (Ford)	NM(17)870035	150	...	...	...	...	61·59	237	196
M	Abhainn a'Bhealach	NM(17)976055	825	...	...	...	...	79·61	...	...
d	Barmaddy	NM(17)953121	440	...	...	...	...	73·11	...	...
M M	Loch Avich (Creag Loisgte)	NM(17)934163	945	91·3	83·34	...	...	81·76	...	...
D D	Loch Awe (Inverinan)	NM(17)998176	150	89·0	74·79	220	203	70·90	228	199
d	Achnacroabh	NN(27)033240	520	...	...	...	...	67·22	...	...
M M	Coire Cruachan	NN(27)080277	1020	...	80·13	...	...	77·10	...	...

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
ARGYLLSHIRE—(contd.)									
6.—LOCH ETIVE. Loch Awe—(contd.)		ft.	in.	in.			in.		
D	Dalmally (Craig)	NN(27)178276	200	88·3	...	...	61·94	211	188
d d	Pass of Brander (Signal Box)	NN(27)050284	200	94·6	78·26	...	70·27	223	191
D d	Glenlochy Crossing	NN(27)254295	660	109·7	94·20	225	218	93·79	...
d d	Glenorchy (Airidh Castlualaich)	NN(27)255342	365	101·3	84·77	...	184	78·53	208
d d	Bridge of Orchy	NN(27)301397	610	103·1	90·30	...	197	79·78	...
M M	Allt Coire a'Ghabhalach	NN(27)341397	1940	...	127·50	...	104·23	...	...
D	Inveroran Hotel	NN(27)273413	580	...	...	...	73·46	238	199
7.—FIRTH OF LORNE. 112 sq. mi.									
D D	Kilmelfort (Kilchoan)	NM(17)795134	30	64·3	56·08	242	199	52·50	265
D d	Kilmelfort (Tralaig Blaran)	NM(17)859172	402	...	80·12	222	207	78·87	...
d	Musdale	NM(17)936220	550	...	...	...	...	69·03	...
W W	Oban (Gleann a Bhearraidh Res.)	NM(17)846272	400	63·0	54·08	...	...	51·89	...
D D	OBAN	NM(17)852294	230	56·6	55·39	225	190	54·42	236
D D	Loch Caolisport (Ormsary)	NR(16)740718	50	57·1	50·94	228	174	55·32	236
8.—SOUND OF JURA. 163 sq. mi.									
d d	Glean Airidh (Tunns Farm)	NR(16)924954	330	...	65·09	...	...	63·78	...
D d	Duntrune Castle	NR(16)795960	50	...	48·01	188	175	50·41	194
9.—KINTYRE, WEST. 146 sq. mi.									
D	Largie Castle	NR(16)699461	80	49·9	49·80	208	177	50·76	220
D D	West Loch Tarbert (Ardpatrick)	NR(16)752593	25	...	...	...	...	45·14	249
D D	TARBERT (ACHAGLACHGACH)	NR(16)813643	40	...	55·30	210	183	58·72	238
10.—KINTYRE, EAST. 177 sq. mi.									
D	CAMPBELTOWN	NR(16)721208	10	...	...	...	...	46·46	188
W W	Glen Lussa (Corylach)	NR(16)707300	450	56·0	53·08	...	...	58·45	...
M	Glen Lussa (Bordadubh)	NR(16)735315	575	61·7	...	...	...	68·62	...
D d	Carradale (The Manse)	NR(16)798380	30	...	55·72	190	171	58·47	...
D D	Skipness House	NR(16)907576	80	54·9	47·43	196	168	50·23	212
11.—LOCH FYNE. 246 sq. mi.									
D D	Ardlamont (Camp Cottage)	NR(16)991654	110	45·4	41·10	196	154	44·81	225
d d	Ardrishaig (Stronachullin)	NR(16)850799	50	78·2	66·02	201	191	67·30	...
D D	Ardrishaig (Canal Office)	NR(16)852853	48	69·0	58·90	236	188	61·79	225
D D	LOCH FYNE (LEPHINMORE) .. (+ A)	NR(16)985926	30	70·5	60·21	216	183	58·09	226
d d	Loch Fyne (Barnacarry)	NS(26)001943	44	70·4	60·23	207	179	60·78	217
D	Crarae Lodge	NR(16)986973	20	76·7	...	...	...	60·21	220
D D	Strachur Park	NN(27)093017	25	79·3	71·19	230	196	69·90	221
D D	Brenchoillie	NN(27)019022	240	...	74·49	214	188	69·61	214
D D	Inveraray Castle Gardens	NN(27)089099	40	88·1	79·85	221	194	69·74	229
d d	Ardkinglas	NN(27)175104	27	85·9	74·96	217	193	71·47	218
M M	Loch Sloy (Beinn Chorrannach)	NN(27)264104	1340	146·0	131·90	...	...	122·08	...
W W	Loch Sloy (Allt Uaine) (+ A)	NN(27)263113	1123	113·4	120·31	...	...	117·64	...
D D	Clachan Power Station	NN(27)195133	25	84·5	75·68	210	187	76·18	220
D D	Ellerigbeg	NN(27)135145	29	87·6	80·27	212	201	71·11	228
M M	§Brannie Burn	NN(27)165150	1370	104·5	99·85	...	...	92·68	...
d d	§Glen Fyne Lodge	NN(27)220155	126	100·5	89·82	...	187	91·80	...
W W	§Allt Na Lairige	NN(27)252171	1075	127·9	106·02	...	...	104·09	...
D D	§Shira Main Dam	NN(27)161203	1123	99·5	93·07	216	202	81·32	228
M M	§Sron Mhor	NN(27)169208	1194	100·6	96·35	...	...	79·01	...
M M	Upper Glen Fyne	NN(27)236213	1151	120·5	106·58	...	...	97·92	...

§ Turf wall around gauge.

DIVISION XV—WEST MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
ARGYLLSHIRE—(contd.)					<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
12.—FIRTH OF CLYDE AND COWAL. 242 sq. mi.												
D D	Toward (Knockdow Gardens) ..	..	..	NS(26)104706	101	61·9	56·40	216	178	56·70	227	187
D	DUNOON (Waterworks) ..	..	..	NS(26)161767	228	85·6	74·06	211	184	...	...	...
D D	Ardnadam (Ashville) ..	..	..	NS(26)167803	26	...	67·64	214	178	69·88	221	189
M M	Glendarvel (Ormidale) ..	..	..	NS(26)002817	50	80·8	70·81	...	...	66·96	...	...
d d	Glen Tarsan ..	..	..	NS(26)070833	385	...	77·87	...	...	82·40	...	...
D D	Loch Striven (Power Station) ..	..	..	NS(26)056839	13	84·3	73·42	218	190	72·59	232	195
D D	BENMORE (Forestry School) ..	..	..	NS(26)138853	46	93·0	77·26	211	193	81·06	221	194
D D	BENMORE (Younger Botanic Gardens) ..	..	..	NS(26)141856	40	94·3	78·40	218	187	82·93	241	199
D D	Garvie Farm ..	..	..	NS(26)037904	140	87·0	76·09	233	189	75·27	232	191
D d	Strachur (GLENBRANTER) ..	..	..	NS(26)112973	120	94·3	84·19	200	186	82·65	201	192
D D	Lochgoilhead (Ardgoil) ..	..	..	NN(27)201014	20	90·4	89·24	233	201	90·72	251	201
M M	Allt a Bhalachain (Sour Milk) ..	..	..	NN(27)279051	1150	133·4	113·40	...	...	105·64	...	...
13.—CLYDE. Leven. 4 sq. mi.												
M M	Loch Sloy (Beinn Ime South) ..	..	..	NN(27)270080	1250	140·7	126·99	...	...	119·83	...	...
M M	Loch Sloy (Beinn Ime North) ..	..	..	NN(27)266093	1533	138·9	129·89	...	...	120·24	...	...
14.—INSULAR. 854 sq. mi.												
	Sanda Lighthouse ..	..	..	NR(16)726037	134	38·5	38·59	...	155	46·11	...	167
D D	Gigha ..	..	..	NR(16)642479	65	41·3	36·93	190	157	40·17	203	173
	Islay (Lochindaul) ..	..	..	NR(16)257588	45	54·4	45·65	234	196	50·02	243	213
D D	Islay (Eallabus) ..	..	..	NR(16)335634	68	53·1	47·57	227	172	50·88	256	195
D D	Islay (RHUVAAL) ..	..	..	NR(16)425791	47	...	53·16	210	179	49·66	220	172
D D	Jura (Tarbert) ..	..	..	NR(16)612823	30	58·3	51·83	215	185	48·43	200	173
D d	Jura (Ardlussa) ..	..	..	NR(16)651879	100	56·0	50·33	217	180	45·44	208	176
d d	COLONSAY ..	..	..	NR(16)393966	87	53·1	44·47	...	194	43·89	...	191
D D	Seil (An Cala) ..	..	..	NM(17)748173	30	64·9	52·81	236	186	49·44	236	182
	Lismore (Mousedale) ..	..	..	NM(17)777353	38	45·1	57·80	194	180	51·76	197	180
D D	Iona (Cnocmor) ..	..	..	NM(17)282240	60	48·4	42·30	224	191	38·29	216	182
d	Mull (Ulva) ..	..	..	NM(17)442389	30	63·3	...	...	...	47·96	...	...
d D	Mull (White House of Aras) ..	..	..	NM(17)564455	20	72·0	59·10	...	190	50·92	219	197
D D	TREE Airport ..	..	.. (+ A)	NL(07)999446	29	44·0	40·00	230	172	40·25	231	177

DIVISION XVI—EAST MIDLAND COUNTIES

CLACKMANNANSHIRE.
(Area, 55 sq. mi.)

1.—FORTH. LOWER.

Left Bank Tributaries. 55 sq. mi.

d d	Alloa W.W. (Gartmorn Res.) ..	..	..	NS(26)915937	172	33·9	30·18	...	112	33·89	...	143
w	Menstrie (Lipney Filters) ..	..	..	NS(26)847973	328	37·1	32·46	...	...	...	...	...
M M	Glendevon (Burnsfoot Burn) ..	..	..	NN(27)908037	1250	69·7	64·62	...	...	70·66	...	...

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

1.—FORTH. LOWER.

Left Bank Tributaries. 15 sq. mi.

DIVISION XVI—EAST MIDLAND COUNTIES —(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Alti- tude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
KINROSS-SHIRE—(contd.)									
2.—LEVEN & C. 67 sq. mi.									
d D Loch Leven Sluice	NT(36)171994	360	37·1	31·61	...	132	40·46	226	162
D D Kinross (Muirpark Road)	NO(37)119027	400	38·6	33·89	177	134	42·39	204	172
D D Milnathort (Greenburn)	NO(37)124047	476	36·3	33·95	164	128	43·11	177	160
D Milnathort (Ledlanet)	NO(37)078058	650	46·5	43·56	182	151	...	...	...
3.—EDEN. 2 sq. mi.									
4.—TAY. Earn. 3 sq. mi.									
FIFESHIRE. (Area, 505 sq. mi.)									
1.—FORTH. LOWER.									
Left Bank Tributaries. 66 sq. mi.									
D D Kincardine (Tulliallan)	NS(26)936881	90	33·9	24·62	147	116	30·97	182	148
2.—LEVEN & C. 208 sq. mi.									
D Dunfermline (PITREAVIE)	NT(36)117848	130	...	...	...	...	28·49	193	139
D D KIRKCALDY (Beveridge Park)	NT(36)272907	106	30·0	24·35	154	115	32·65	211	169
D D Cowdenbeath (Sewage Works)	NT(36)170917	390	34·9	28·97	173	129	38·74	224	164
M M Cleish Hills (Craigaveral)	NT(36)087940	760	...	32·45	...	...	41·67	...	...
M M Cleish Hills (Roscobie Reservoir)	NT(36)090934	660	39·9	32·84	...	...	42·80	...	...
D D Kirkcaldy (Carberry)	NT(36)284948	326	30·9	24·56	153	123	33·48	203	148
D D Glenrothes (Woodside) (+ A)	NO(37)289002	273	32·2	26·51	158	121	31·79	194	149
D D Leslie (Lothrie Reservoir)	NO(37)223040	700	37·3	30·20	167	123	39·39	199	160
D D Leven (Silverburn)	NO(37)394020	70	27·7	21·86	152	104	28·33	207	151
d D LUNDIN LINKS	NO(37)408023	80	26·9	21·09	...	101	25·98	182	137
D D Markinch (Rothies)	NO(37)283015	198	32·7	27·52	164	125	33·86	204	149
D D Markinch (Carriston Reservoir)	NO(37)327036	290	34·2	28·54	147	122	33·58	190	148
D D Markinch (Coul Reservoir)	NO(37)270037	438	35·3	30·28	177	131	37·48	204	157
D D Carnbee (Ovenstone Waterworks)	NO(37)538051	168	27·9	22·77	142	114	27·64	196	144
D D Arncroach (Belliston)	NO(37)500056	270	30·5	23·93	163	111	31·59	207	151
3.—EDEN & c. 205 sq. mi.									
D D Cupar (Clatto Reservoir)	NO(37)366078	505	34·2	29·38	167	122	37·59	203	161
D D Cameron (Waterworks)	NO(37)476115	478	32·4	26·42	164	119	38·95	225	165
D D Cupar (Pitlair)	NO(37)319121	126	30·4	28·94	164	114	33·26	204	160
d Cupar (Rankeillour)	NO(37)326118	240	30·0	28·51	...	...	...	...	...
D D Cupar (Over Rankeillour)	NO(37)327135	170	...	28·47	148	110	33·45	191	147
D D CUPAR (Sugar Factory)	NO(37)388152	82	29·0	25·64	152	109	34·76	190	152
D D St. Andrews (Waterworks)	NO(37)505148	217	28·5	24·37	176	116	33·89	222	165
D D St. ANDREWS	NO(37)502171	13	28·1	23·22	149	106	31·21	202	149
D D LEUCHARS Airfield (+ A)	NO(37)468208	36	26·7	22·52	154	96	32·81	208	147
4.—FIRTH OF TAY. 25 sq. mi.									
D D Balmerino Manse	NO(37)367245	200	28·4	23·78	163	109	36·14	213	151
d d Newport (Tayfield) (+ A)	NO(37)422274	100	30·5	22·33	...	92	36·41	179	152
D D TAYPORT Lighthouse	NO(37)447293	27	29·1	23·06	173	112	35·65	216	154

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
FIFESHIRE—(contd.)					ft.	in.	in.			in.		
5.—TAY. Earn. 1 sq. mi.												
6.—INSULAR.												
PERTSHIRE. (Area, 2,535 sq. mi.)												
1.—FORTH.												
Right Bank Tributaries. 17 sq. mi.												
D D	Loch Dhu	.. .. .	NN(27)429037	325	81·1	71·46	200	179	83·64	229	197	
2.—FORTH. UPPER.												
Left Bank Tributaries. 84 sq. mi.												
3.—FORTH. Teith. 221 sq. mi.												
M	Ochertyre (Stirling)	.. .. .	NS(26)751979	14	40·8	31·76	...	...	41·02	...	159	
D	Callander (Duilatur)	.. .. .	NN(27)601063	...	63·4	55·20	206	166	...	...	...
D D	Brig o' Turk	.. .. .	NN(27)536064	275	64·8	57·86	198	176	63·30	222	186	
	Loch Katrine (Tunnel Hill Top)	.. .. .	NN(27)417088	830	83·3	76·90	...	...	81·50	...	...
D	CALLANDER (McLaren High School)	.. .. .	NN(27)627077	230	60·6	...	...	...	59·23	215	184	
	Achnahard	.. .. .	NN(27)527092	474	68·9	67·60	...	...	72·70	...	...
WW	Strone Bridge	.. .. .	NN(27)454105	380	74·8	64·00	...	...	70·40	...	...
	Glen Meann	.. .. .	NN(27)522125	800	79·7	77·00	...	...	76·90	...	...
	Glen Finglas	.. .. .	NN(27)487124	1200	80·7	77·10	...	...	74·50	...	...
D D	Glengyle	.. .. .	NN(27)388133	380	91·8	84·32	223	184	86·52	259	203	
	Upper Glengyle	.. .. .	NN(27)361148	750	96·9	93·80	...	...	...	...	...
	Upper Glengyle (new site)	.. .. .	NN(27)360147	700	94·3	...	...	...	89·92	...	...
	Allt a' Choin	.. .. .	NN(27)414145	1250	92·5	(82·10)	...	...	...	...	...
	Allt a' Choin (new site)	.. .. .	NN(27)414145	1250	90·4	...	...	...	77·45	...	...
d D	STRATHYRE	.. .. .	NN(27)560168	425	80·8	69·26	184	166	83·44	225	195	
	Balquhider (Blaircreach)	.. .. .	NN(27)441178	460	101·5	90·91	...	...	84·24	...	...
d D	Balquhider (Tulloch Lodge)	.. .. .	NN(27)532208	450	...	66·99	203	177	72·45	243	198	
M M	Balquhider (Meall Rearnhar)	.. .. .	NN(27)517233	1850	...	84·23	...	...	86·27	...	...
4.—FORTH. LOWER.												
Left Bank Tributaries. 107 sq. mi.												
D D	Dunblane (Old Doune Road)	.. .. .	NN(27)776011	230	41·1	32·28	182	140	39·85	209	165	
D D	Dunblane (Ledcameroch)	.. .. .	NN(27)788019	320	42·7	34·93	193	154	40·76	223	172	
D D	Glendevon (Glenquey Res.)	.. .. .	NN(27)982029	910	...	55·45	192	161	60·75	219	186	
M	Glendevon (Frandy Burn)	.. .. .	NN(27)932032	970	71·1	...	...	...	69·98	...	...
d D	§Glendevon (Frandy)	.. .. . No. 2	NN(27)942043	950	66·0	59·09	...	164	66·55	208	181	
d	Glendevon (Glensherup Res.)	.. .. .	NN(27)959037	953	...	...	...	...	68·19	...	...
M	Glendevon (Glensherup Res.) new site	.. .. .	NN(27)963046	920	...	54·70	...	...	...	...	...
5.—LEVEN. 1 sq. mi.												
6.—EDEN. 4 sq. mi.												
7.—TAY. Earn. 376 sq. mi.												
M M	Blackford	.. .. .	NN(27)898081	520	47·8	41·60	...	...	55·27	...	...
d D	§Upper Farge (Main Bank)	.. .. .	NO(37)109109	632	...	33·33	...	126	36·63	183	146	
D D	Dunning (Kippen House)	.. .. .	NO(37)019129	450	45·5	36·79	159	139	48·95	181	168	
	Glenfarg (Waterworks)	.. .. .	NO(37)127127	675	...	34·96	...	...	41·78	...	...
d	Auchinner	.. .. .	NN(27)696157	650	...	...	...	...	83·86	...	185	

§ Turf wall around gauge

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960			
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	
PERTHSHIRE—(contd.)					ft.	in.	in.			in.		
7.—TAY. Earn—(contd.)												
		Bridge of Earn (Ramsheugh)	NO(37)131141	310	36·8	30·83	...	...	41·42	...	...
d		Dalchruin	NN(27)716168	570	...	...	...	...	84·45	...	181
		Ben Vorlich	NN(27)646166	1375	...	...	...	...	95·17	...	...
D D		Bridge of Earn (Ballendrick)	NO(37)119175	50	33·4	27·95	165	123	37·22	209	157	
M		Lochearnhead (Ardlock)	NN(27)592239	370	62·9	...	...	...	63·60	...	...
D D		Lochearnhead (Edinchip)	NN(27)577223	513	68·7	65·76	214	188	71·30	216	203	
D D		Comrie (Dunira Gdns.)	NN(27)731238	270	55·4	52·47	192	164	60·48	213	180	
MM		§Meall nam Fiadh	NN(27)712275	1850	...	62·98	...	...	71·08	...	...
d		§Comrie (Invergeldie Lodge)	NN(27)742278	795	57·5	54·98	...	163	...	...	...
M		§Glen Tarken	NN(27)655283	1170	65·0	...	...	...	68·04	...	...
MM		Allt a' Driuchd No. 2	NN(27)679307	1720	...	62·65	...	...	66·18	...	...
D D		Crieff (Strathearn Hydro)	NN(27)867223	400	41·0	36·24	189	147	46·82	205	173	
M		Loch Turret (Lower Barvick)	NN(27)843263	1100	...	45·75	...	...	...	...	...
MM		§Loch Turret (Lower Glenturret)	NN(27)821266	1100	54·1	47·80	...	...	(71·20)	...	...
M		§Loch Turret (Carn Chois)	NN(27)799269	2050	...	55·15	...	...	...	...	...
M		Loch Turret (Lower Shaggie)	NN(27)875281	1450	60·3	56·30	...	...	...	...	...
M		§Loch Turret (Stonefield Hill)	NN(27)839286	2125	...	58·20	...	...	...	...	...
M		§Loch Turret (Mealne Veron)	NN(27)852287	1800	...	57·50	...	...	...	...	...
M		§Loch Turret (Upper Keltie)	NN(27)844289	1850	66·9	62·55	...	...	...	...	...
M		§Loch Turret (Alt Non Columan Burn)	NN(27)780289	2350	...	62·85	...	...	...	...	...
M		Loch Turret (Upper Shaggie)	NN(27)861292	2000	66·1	64·35	...	...	...	...	...
MM		§Loch Turret (Glenturret Lodge)	NN(27)802293	1250	65·0	64·20	...	...	(77·90)	...	...
MM		§Loch Turret (Upper Glenturret)	NN(27)795299	1400	66·0	64·50	...	...	(77·05)	...	...
M		Loch Turret (Lower Ben Chonzie)	NN(27)781304	2050	...	69·60	...	...	...	...	...
M		§Loch Turret (Ben Chonzie)	NN(27)769304	2800	76·9	71·85	...	...	...	...	...
MM		Loch Turret (Lochan Uaine)	NN(27)786307	1550	69·3	68·05	...	...	(84·50)	...	...
M		§Loch Turret (Upper Barvick)	NN(27)831282	1625	62·2	57·85	...	...	...	...	...
8.—TAY. Almond & c. 149 sq. mi.												
D D		PERTH (Wellshill Cemetery)	NO(37)101239	77	30·7	26·69	173	118	38·02	214	159	
M W		Methven (Waterworks) <i>new site</i>	NN(27)988267	459	37·0	29·75	...	...	43·10	...	...
MM		§Loch Turret (Fendoch)	NN(27)885297	1480	...	53·90	...	...	(70·40)	...	...
M		Almond Intake	NN(27)758332	1230	...	...	...	...	75·59	...	...
9.—TAY. Strathtay below Dunkeld. 33 sq. mi.												
10.—TAY. 81 sq. mi.												
D D		Strath Bran (Glenquaich Lodge)	NN(27)864373	900	...	52·36	208	166	69·13	255	183	
D D		Strath Bran (Garrows)	NN(27)821403	980	...	56·44	183	158	66·35	204	177	
11.—TAY. Strathtay above Dunkeld. 95 sq. mi.												
D D		Aberfeldy (Tigh'n Eilean)	NN(27)852492	320	38·8	38·79	195	131	46·66	217	154	
M		Loch Ordie	NO(37)029501	980	...	...	...	...	48·20	...	...
M		Capel Hill West	NO(37)029519	1160	...	...	...	...	48·85	...	...
D D		Strathtay (Derculich)	NN(27)891526	350	36·3	36·28	181	147	42·39	208	161	
M		Lochan Oisinn each Mòr	NO(37)026543	1400	...	...	...	...	53·40	...	...
12.—TAY. Loch Tay. 241 sq. mi.												
MM		Glendochart (Dun Saorach)	NN(27)453274	550	...	84·08	...	...	83·64	...	...
D		§Glenoglehead	NN(27)558281	942	73·2	...	...	...	83·06	224	204
MM		Beinn Leabhain	NN(27)571283	2050	...	68·35	...	...	75·17	...	...

§ Turf wall around gauge.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
PERTSHIRE—(contd.)											
12.—TAY. Loch Tay—(contd.)											
D	Cononish	NN(27)301285	945	...	...	...	...	90·01	241	203
D D	Tyndrum (Tighness)	NN(27)328307	790	97·7	89·20	236	201	82·52	226	197	
M M	Loch Tay (Achmore Burn)	NN(27)587296	1400	...	69·66	...	...	75·31	...	...
M M	§ Auchlyne West	NN(27)485306	1400	94·6	80·88	...	...	74·30	...	...
M M	Loch Tay (Lochan Breachlaich)	NN(27)618316	1450	...	67·13	...	...	71·87	...	...
M M	Allt-meal-nan-Damh	NN(27)663317	1500	...	67·16	...	...	71·88	...	...
D D	Killin (Kinnell Gardens)	NN(27)577329	380	62·2	54·98	192	173	59·24	231	184	
M M	Ben Challum	NN(27)396334	1500	116·7	108·39	...	...	99·84	...	...
M M	§ Badvaim	NN(27)412338	900	109·1	98·24	...	...	93·86	...	...
D D	Braentrian	NN(27)662343	850	...	61·22	195	170	66·19	217	187	
M M	Innisdaimh	NN(27)468346	1730	...	94·09	...	...	90·49	...	...
d d	Finlarig Power Station North	NN(27)580348	600	60·5	51·53	...	...	54·49	...	...
d d	Lochay Power Station	NN(27)546349	410	62·3	55·01	...	...	58·24	...	...
M M	Murlaganmore	NN(27)538342	750	73·7	64·02	...	...	68·34	...	...
M M	Meall Liath	NN(27)583356	1770	...	56·39	...	...	58·39	...	...
M	Kenknock	NN(27)467364	710	...	81·09	...	...	73·13	...	...
M M	Lairig nan Lunn	NN(27)447390	1720	93·3	95·34	...	...	86·17	...	...
d w	Lawers Dam (+A)	NN(27)597391	1690	75·3	67·18	...	...	66·57	...	...
d d	Allt a' Mhoirneas	NN(27)604383	1500	...	64·54	...	...	62·88	...	...
D D	Ardtalnaig (Old Schoolhouse)	NN(27)701391	465	...	51·21	202	160	55·34	221	168	
D	Ardtalnaig (Milton)	NN(27)701391	425	52·7	...	...	...	53·31	211	170
M	Lochan nan Cat (old site)	NN(27)649425	2350	...	69·43	...	...	...	...	...
d d	Kenmore (Dalerb)	NN(27)763454	390	42·8	39·80	...	...	46·17	...	161
13.—TAY. Lyon. 142 sq. mi.											
D D	Glen Lyon (Meggerine Castle)	NN(27)553462	690	63·7	64·03	211	173	59·87	253	200	
M M	Allt Tarabhan	NN(27)371396	1200	...	96·77	...	...	89·33	...	...
M	Coire Riadhailt (old site)	NN(27)575400	2000	79·5	68·61	...	...	...	...	...
M M	Dalchiorlich West	NN(27)473414	1050	72·6	70·94	...	...	64·24	...	...
M M	Invermearan	NN(27)402419	1200	...	95·96	...	...	90·02	...	...
M M	Gleann da Eig	NN(27)603419	1900	...	78·80	...	...	91·08	...	...
D W	Stronuich Dam	NN(27)508422	941	69·1	67·17	201	169	65·72	...	...
D D	Lubreoch Dam	NN(27)457417	1050	...	77·84	210	185	72·92	249	194	
M M	Allt Cailliche	NN(27)388432	1300	99·9	90·71	...	...	84·00	...	...
M M	Phubuill	NN(27)456435	1770	...	80·14	...	...	71·08	...	...
M M	Chobhair	NN(27)626425	1950	84·3	76·20	...	...	78·54	...	...
M M	Finglen No. 2	NN(27)627445	1430	73·2	72·29	...	...	79·49	...	...
M M	Finglen No. 2 (new site)	NN(27)625438	1550	...	76·75	...	...	78·26	...	...
M M	Loch Daimh	NN(27)463452	1520	...	77·92	...	...	75·57	...	...
D W	§ Giorra Dam	NN(27)510465	1375	71·3	67·76	211	173	62·68	...	...
D D	Fortingall (Glenlyon House)	NN(27)734472	425	48·5	44·98	204	155	47·58	231	161	
14.—TAY. Tummel. 587 sq. mi.											
D D	Gaur Power Station	NN(27)464571	794	54·7	47·82	215	172	46·55	245	191	
D D	Loch Rannoch (Power House)	NN(27)531582	675	45·2	37·66	198	154	39·42	233	182	
d d	Foss (Domnaheich)	NN(27)792579	640	41·4	42·02	...	148	41·26	197	157	
D D	Errochty Switching Station	NN(27)770590	485	...	38·51	189	141	37·84	210	148	
D D	§ PITLOCHRY	NN(27)945588	473	32·2	33·22	178	133	36·08	221	160	
D D	PITLOCHRY (Faskally)	NN(27)918599	310	35·5	33·94	191	135	34·63	227	158	
W W	Over Bohespie	NN(27)743607	895	42·6	37·59	...	...	37·29	...	...
D D	Pitlochry (Bonskeid)	NN(27)894611	540	37·0	36·40	200	146	36·27	229	156	
M	Pitlochry (Allt Girnaig)	NN(27)924627	850	...	37·30	...	...	...	...	...
D D	Fincastle House	NN(27)868623	980	36·7	36·03	178	143	36·10	205	165	

§ Turf wall around gauge.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS			Rain-gauge site		Average Rain-fall	1959			1960		
			National grid reference	Altitude		Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain-fall	Days with ·01 in. or more	Days with ·04 in. or more
PERTHSHIRE—(contd.)											
14.—TAY. Tummel—(contd.)											
d d	Ericht Dam	.. .. .	NN(27)511629	1196	57·4	51·27	...	...	47·35	...	...
D D	Auchleeks P.O.	.. .. .	NN(27)724641	880	...	39·85	208	156	41·46	229	176
WW	§Dalnacardoch	.. .. .	NN(27)730672	1500	...	42·89	...	...	45·70	...	...
D D	Blair Atholl (Blair Castle Gdns.)	.. .. .	NN(27)864658	450	35·8	34·27	203	142	34·09	237	156
M M	Edendon Bridge	.. .. .	NN(27)715706	1040	48·5	43·40	...	...	46·14	...	...
d	Glen Tilt (Auchghoul)	.. .. .	NN(27)886707	750	...	...	...	...	36·98	...	...
WW	Dalnaspidal (Allt Dubhaig)	.. .. .	NN(27)641727	1365	...	56·88	...	...	58·53	...	...
w	Dalnaspidal (Luidhearnaidh)	.. .. .	NN(27)622730	1710	...	63·50	...	...	...	...	...
W	Dalnaspidal (Luidhearnaidh) new site	.. .. .	NN(27)624730	1700	73·8	...	...	...	69·55	...	...
M	Bruar Intake	.. .. .	NN(27)823726	1251	...	...	...	...	38·73	...	...
M M	Edendon (Stronphadruig Lodge)	.. .. .	NN(27)714791	1630	65·2	59·13	...	...	61·06	...	...
15.—TAY. Isla. 282 sq. mi.											
D d	Blairgowrie (Burnhead)	.. .. .	NO(37)174458	440	31·1	31·04	173	126	36·94	193	149
D D	Dunkeld (Cardney)	.. .. .	NO(37)051452	350	38·6	36·52	156	126	46·63	200	170
D D	Dunkeld (Riechip Lodge)	.. .. .	NO(37)064478	930	...	35·71	156	127	45·24	...	159
M M	Loch Benachally South	.. .. .	NO(37)078491	1060	...	38·95	...	...	50·89	...	...
M	Craig Wood South	.. .. .	NO(37)060518	1130	...	...	...	...	52·25	...	...
M	Capel Hill North	.. .. .	NO(37)038532	1350	...	...	...	...	54·37	...	...
M	Craigsheal Burn	.. .. .	NO(37)058532	1480	...	...	...	...	57·05	...	...
M	Meal Dubh	.. .. .	NO(37)074533	1250	...	...	...	...	53·95	...	...
D D	Kirkmichael (Woodhill)	.. .. .	NO(37)098544	600	...	37·94	168	133	45·68	201	155
D D	GLENSHEE LODGE	.. .. .	NO(37)133684	1100	45·4	51·39	211	154	54·43	238	177
16.—TAY. Left Bank Tributaries. 51 sq. mi.											
WW	Balbeggie (Montague Reservoir)	.. .. .	NO(37)182283	530	32·4	29·10	...	...	39·44	...	...
17.—FIRTH OF TAY. 45 sq. mi.											
M M	Errol (Fingask)	.. .. .	NO(37)227273	550	30·9	26·60	...	...	...	...	...
18.—SPEY. Right Bank Tributaries. 1 sq. mi.											
19.—LOCH LINNHE. Left Bank Tributaries. 2 sq. mi.											
20.—CLYDE. Leven. 36 sq. mi.											
M M	Lairig Arnan	.. .. .	NN(27)295182	1115	125·9	111·30	...	...	105·43	...	...
M M	Dubh Eas	.. .. .	NN(27)291203	1210	120·1	108·94	...	...	106·52	...	...
M	Loch Sloy (Allt Nan Caorunn)	.. .. .	NN(27)278222	1200	118·9	...	...	...	93·97	...	...
ANGUS. (Area, 875 sq. mi.)											
1.—TAY. Isla. 211 sq. mi.											
D D	Newryle (Commercial Street)	.. .. .	NO(37)299414	250	...	32·11	161	125	45·83	202	161
D D	GLAMIS CASTLE	.. .. .	NO(37)388486	200	30·2	31·99	187	130	47·03	215	162
D D	Kirriemuir (Lintrathen)	.. .. (+ A)	NO(37)275540	700	35·3	32·80	188	137	46·51	216	158
D D	Kirriemuir (Lochcraigs)	.. .. .	NO(37)275538	710	36·6	34·16	188	137	47·34	216	159
M M	Kirriemuir (Balnakeilly)	.. .. .	NO(37)281554	685	36·7	34·79	...	...	45·65	...	...
M M	Kirriemuir (Dykends)	.. .. .	NO(37)253569	750	38·5	36·70	...	...	52·14	...	...
M M	Kirriemuir (Backwater)	.. .. .	NO(37)255589	850	42·1	39·10	...	...	55·69	...	...

§ Turf wall around gauge.

DIVISION XVI—EAST MIDLAND COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain-fall	1959			1960		
				National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
ANGUS—(contd.)					ft.	in.	in.			in.		
1.—TAY. Isla—(contd.)												
M M	Kirriemuir (Westerton) .. ..	..	..	NO(37)282598	900	42.5	44.50	...	...	56.19	...	...
M	Kirriemuir (Clintlaw) .. ..	..	..	NO(37)258616	1040	...	...	...	...	60.04	...	...
M M	Kirriemuir (Newton) .. ..	..	..	NO(37)285573	735	39.8	39.10	...	...	51.69	...	...
M M	Kirriemuir (Longdrum) .. ..	..	..	NO(37)278619	1045	44.6	45.60	...	...	60.19	...	...
M M	Kirriemuir (Glendye) .. ..	..	..	NO(37)296621	1050	47.5	50.30	...	...	63.84	...	...
M M	Kirriemuir (Barney) .. ..	..	..	NO(37)251634	1120	45.0	50.10	...	...	61.84	...	...
M M	Kirriemuir (Glenhead) .. ..	..	..	NO(37)273648	1200	46.9	50.80	...	...	64.74	...	...
M M	Kirriemuir (Dalvanie) .. ..	..	..	NO(37)186657	1020	45.7	47.80	...	...	54.10	...	...
M M	§Glen Isla (Auchavan) .. ..	..	..	NO(37)191697	1200	48.3	49.70	...	...	57.20	...	...
M M	§Glen Isla (Linns) .. ..	..	..	NO(37)201705	1370	48.9	55.90	...	...	58.80	...	...
M M	Glen Isla (Tulchan Lodge) .. ..	..	..	NO(37)185723	1450	51.3	55.20	...	...	60.10	...	...
M M	Glen Isla (Sheilin) .. ..	..	..	NO(37)196756	1530	58.3	64.30	...	...	68.85	...	...
2.—FIRTH OF TAY. 80 sq. mi.												
D D	Carnoustie (BUDDON NESS Light Ho.) ..			NO(37)539309	15	28.1	23.41	166	106	31.92	203	149
D	Dundee (Stobsmuir Res.) .. ..	..	..	NO(37)414321	285	30.2	25.39	165	116	...	...	...
D D	§DUNDEE (MYLNEFIELD) .. ..	..	..	NO(37)341299	100	28.1	22.70	165	107	34.50	203	147
D D	DUNDEE (Mayfield) .. ..	..	..	NO(37)435310	147	31.1	24.74	176	117	38.82	212	156
D D	Dundee (Clatto Res.) .. ..	..	..	NO(37)368344	500	32.4	27.80	182	124	41.11	213	156
D	AUCHTERHOUSE .. ..	..	..	NO(37)347392	780	...	...	...	...	46.98	217	161
D D	CARNOUSTIE .. ..	..	..	NO(37)569344	29	29.1	22.10	147	107	33.60	201	151
3.—SOUTH ESK & C. 371 sq. mi.												
D D	Monikie Reservoir .. ..	..	..	NO(37)502383	494	34.0	27.65	163	117	43.53	208	160
D D	Monikie (Crombie Res.) .. ..	..	..	NO(37)522404	528	35.7	27.73	158	114	43.52	198	150
M M	Monikie (Fallaws) .. ..	..	..	NO(37)503407	585	35.1	28.71	...	...	45.19	...	...
D D	ARBROATH (Springfield Park) .. ..	..	..	NO(37)649411	95	26.3	20.52	148	106	27.62	209	145
W	Arbroath (Muirheads Res.) .. ..	..	..	NO(37)607443	251	29.9	22.82	...	...	...	...	...
D D	Montrose (Wellington Park) .. ..	..	..	NO(37)722582	17	28.8	25.92	153	103	37.26	188	146
D D	§Forfar W.W. (Den of Ogil) .. ..	..	..	NO(37)439620	663	40.1	36.91	189	146	49.63	201	169
D D	Glenogil (Waterworks) .. ..	..	..	NO(37)445625	690	40.8	37.35	182	142	48.99	212	161
M M	Glen Prosen (Cormuir) .. ..	..	..	NO(37)306667	870	46.6	48.60	...	...	58.10	...	...
4.—NORTH ESK & C. 213 sq. mi.												
D D	MONTROSE (ROYAL MENTAL HOSPITAL)			NO(37)707617	200	28.7	26.94	164	116	40.43	207	156
D D	Montrose (Kinnaber W.W.) .. ..	..	..	NO(37)713622	30	28.3	24.78	154	109	37.66	184	150
D D	Brechin (Stracathro Hospital) .. ..	..	..	NO(37)626655	120	32.6	30.41	180	123	42.94	211	158
D D	Loch Lee (Inchgrundle) .. ..	..	..	NO(37)413794	885	49.5	51.07	186	147	63.90	230	185
M M	Bridge of Lee .. ..	..	..	NO(37)395803	920	51.4	53.55	...	...	68.25	...	...
D D	Loch Lee (Invermark) .. ..	..	..	NO(37)431803	895	46.2	52.07	193	139	62.55	227	182
d D	TARFSIDE (Low Level) .. ..	..	..	NO(37)478808	750	...	48.42	...	139	58.07	219	170
M M	Glen Lee (Stables) .. ..	..	..	NO(37)374815	1555	50.0	56.05	...	...	70.45	...	...
	Tarfside (High Level) .. ..	..	..	NO(37)447842	2000	...	...	...	...	65.30	...	...

DIVISION XVII—NORTH-EASTERN COUNTIES

KINCARDINESHIRE.

(Area, 382 sq. mi.)

1.—NORTH ESK & C. 99 sq. mi.

D D Fettercairn (Fasque)	NO(37)649757	320	37.2	36.64	192	133	50.42	219	177
D D §FETTERCAIRN (Glensauigh) .. (+ A)	NO(37)669782	560	39.0	37.54	190	141	52.63	205	177
D Auchenblae (The Hollies)	NO(37)726787	...	...	33.08	179	127	...	...	...

§ Turf wall around gauge.

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

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
KINCARDINESHIRE—(contd.)					ft.	in.	in.			in.		
2.—BERVIE, COWIE & C. 139 sq. mi.												
				Todhead Point Lighthouse	NO(37)870769	114	25·9	27·09	...	114	...	...
D D				STONEHAVEN	NO(37)873864	125	30·2	25·18	170	120	39·37	226
D D				MUCHALLS	NO(37)898919	210	29·7	24·83	172	115	37·13	219
3.—DEE. 144 sq. mi.												
D D				Strachan (Bridge of Dye)	NO(37)650857	553	44·9	48·13	189	143	66·99	244
D D				Banchory (Invery)	NO(37)698940	225	36·5	35·81	176	126	46·82	224
D D				Banchory (Invercannie)	NO(37)664966	208	...	30·58	163	112	42·32	220
ABERDEENSHIRE.												
(Area, 1,974 sq. mi.)												
1.—DEE. 672 sq. in.												
M M				Glen Muick (Allt Na Guibhsaich) ..	NO(37)300858	1370	46·6	45·46	...	...	52·86	...
D D				Glen Muick (Inchnabobart)	NO(37)310876	1270	44·3	45·00	187	144	51·06	225
d d				Braemar (Irrigation Farm)	NO(37)148921	1060	...	34·71	202	148	41·47	233
D D				BRAEMAR (Bank)	NO(37)151912	1111	36·5	33·12	189	136	40·86	230
D D				Braemar (Derry Lodge)	NO(37)036932	1400	43·9	40·35	201	170	41·31	247
d d				Ballater (Birkhall Sawmill)	NO(37)349936	650	34·6	35·07	141	122	42·56	...
D D				Glen Tanar (Mansion House)	NO(37)474958	553	37·4	37·01	179	117	51·30	225
D D				BALMORAL Castle Gdns. .. (+ A)	NO(37)253949	927	33·3	31·38	184	122	41·85	233
d d				§Ballater (Irrigation Farm)	NO(37)381966	633	34·3	35·28	(180)	(119)	42·95	220
M M				Beinn Bhreac	NO(37)058968	2700	47·9	47·75	...	...	50·11	...
d d				Aboyne (Irrigation Farm)	NO(37)542982	380	30·1	30·85	(170)	(116)	40·51	222
D D				Glen Gairn (Gairn Shiel Lodge) ..	NJ(38)295008	1100	35·4	32·58	185	129	41·92	231
M M				Glen Gairn (Corndavan)	NJ(38)228021	1500	36·6	33·60	...	...	42·83	...
M M				§Lumphanan	NJ(38)575036	476	31·8	30·90	...	...	41·17	...
D				Drumoak (Drum Castle)	NJ(38)796005	320	33·1	...	...	...	47·45	238
d d				§Tarland (Irrigation Farm)	NJ(38)488040	467	...	29·40	162	116	37·49	214
D				LOGIE COLDSTONE School	NJ(38)434044	608	30·7	...	...	...	38·48	219
d				Bielside (Cairnlee House)	NJ(38)882028	240	...	...	...	...	42·35	212
w				Bielside (Kerrere)	NJ(38)872036	400	...	...	...	...	46·73	...
D D				ABERDEEN (MANNOFIELD RES.) .. (+ A)	NJ(38)915042	169	32·9	24·30	168	118	37·41	210
D D				Craigiebuckler	NJ(38)903045	220	35·0	29·00	184	138	43·00	238
ww				Aberdeen (Rubislaw Den South) ..	NJ(38)916058	200	...	25·28	...	...	40·97	...
2.—DON. 512 sq. mi.												
w				Aberdeen (Grandholm Works) ..	NJ(38)928096	30	...	...	...	...	37·28	...
D				Bridge of Don (Braehead)	NJ(38)938098	114	...	...	...	...	34·60	206
D D				Dyce (CRAIBSTONE)	NJ(38)872107	300	33·9	27·49	174	121	42·86	227
D D				DYCE (Aberdeen Airport) .. (+ A)	NJ(38)873125	190	35·3	26·41	164	120	39·35	218
D				House of Monymusk	NJ(38)689154	300	...	...	...	...	42·73	234
D D				§Alford (Littlewood Park)	NJ(38)516185	750	39·3	33·80	179	125	50·97	234
3.—YTHAN & C. 285 sq. mi.												
D				Inverurie (Norwood)	NJ(38)771218	225	...	...	...	...	41·77	241
D				Insch (Rannes Green)	NJ(38)633280	400	...	...	...	...	40·93	231
d				UDNY (Tillicorthie)	NJ(38)906232	363	...	...	...	...	39·61	220
D D				Ellon (Esslemont House)	NJ(38)934304	100	33·0	26·75	171	121	33·56	213
D D				Haddo House	NJ(38)868347	186	33·4	29·47	187	133	37·30	216
D D				FYVIE CASTLE	NJ(38)764393	200	34·6	27·10	170	140	38·01	212
D				Auchterless School House	NJ(38)713416	290	...	...	...	...	37·94	212

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960			
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more	
ABERDEENSHIRE—(contd.)										
4.—UGIE & C. 257 sq. mi.		ft.	in.	in.			in.			
D D	New Deer (School House)	NJ(38)886470	397	35.0	31.43	194	140	37.89	238	172
D D	Peterhead (Forehill Works)	NK(48)105463	132	33.2	28.02	185	125	33.17	222	164
D D	Old Deer (Mavis Bank)	NJ(38)978480	150	...	...	...	...	41.10	217	172
D D	Fedderate Reservoir	NJ(38)865526	390	36.6	32.60	191	147	38.42	233	174
D	Strichen (High Street)	NJ(38)946551	175	...	...	...	...	40.75	225	171
D D	§RATTRAY HEAD (C.G. Station) .. (+ A)	NK(48)093582	85	28.3	30.41	200	134	34.05	233	169
	Kinnaird Head	NJ(38)998675	62	26.7	25.51	152	126	...	...	...
5.—DEVERON & C. 248 sq. mi.										
D D	HUNTLY	NJ(38)529402	405	39.3	28.25	164	121	44.00	237	169
D D	Turriff (Muireisk House)	NJ(38)704496	130	33.4	30.37	184	130	34.67	226	163
BANFFSHIRE. (Area, 630 sq. mi.)										
1.—YTHAN. 1 sq. mi.										
2.—DEVERON & C. 344 sq. mi.										
D D	Cabrach Manse	NJ(38)388269	1025	40.6	35.59	176	132	46.43	235	179
D D	Drummuir Castle	NJ(38)372441	620	37.7	30.89	178	123	44.89	239	181
d d	Easterfield School	NJ(38)654454	450	33.0	26.32	...	...	36.68	...	...
d d	Keith (Isla Bank Mill)	NJ(38)429506	360	37.1	33.23	192	134	46.45	232	181
D D	Turriff (Forglen Gardens)	NJ(38)699519	220	32.9	32.55	174	136	35.94	205	170
d d	Buckie (Rochomie)	NJ(38)442632	287	27.8	25.05	...	120	34.93	...	144
D D	Cullen House Gardens	NJ(38)503656	150	30.2	23.11	166	120	33.34	204	148
3.—SPEY.										
Right Bank Tributaries. 285 sq. mi.										
D D	§GLENLIVET (Clashnoir) (+ A)	NJ(38)223222	1085	36.4	31.49	193	130	35.60	235	173
D D	Ballindalloch	NJ(38)185369	630	34.8	25.38	149	119	34.74	199	164
D d	Dufftown (Balvenie St.)	NJ(38)326399	550	...	31.52	166	131	39.42	214	169
MORAYSHIRE. (Area, 477 sq. mi.)										
1.—DEVERON & C. 7 sq. mi.										
2.—SPEY.										
Right Bank Tributaries. 35 sq. mi.										
D D	Fochabers (GORDON CASTLE)	NJ(38)350595	104	29.6	23.41	164	108	32.31	199	148
3.—SPEY.										
Left Bank Tributaries. 133 sq. mi.										
D D	GRANTOWN-ON-SPEY	NJ(38)027273	720	31.2	24.82	190	114	29.65	212	150
4.—LOSSIE & C. 154 sq. mi.										
W	Loch Romach	NJ(38)073518	510	...	...	...	...	38.78	...	...
D D	Forres (Dallas Lodge)	NJ(38)108526	600	35.1	26.26	178	122	38.72	210	159
D	Glen Latterach (Filter Station)	NJ(38)200546	494	...	...	...	...	36.05	202	162
d d	Kellas (Kellas House)	NJ(38)165539	446	34.8	26.89	153	128	37.75	...	158
D D	Lhanbryde (Blackhills House)	NJ(38)272582	310	31.7	24.69	166	124	34.82	222	158
D D	Elgin (Kirkhill)	NJ(38)211624	35	27.1	20.66	165	117	30.16	224	151
D D	Elgin (The Bield)	NJ(38)194627	120	...	20.03	166	111	30.33	206	147

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960			
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	
MORAYSHIRE—(contd.)										
4.—LOSSIE & C.—(contd.)		ft.	in.	in.			in.			
D D	§ELGIN (Cemetery) (+ A)	NJ(38)226617	92	25·9	20·19	165	110	28·08	201	140
D D	Elgin (Lesmurdie)	NJ(38)226636	114	27·3	21·76	173	123	30·45	212	150
d d	Elgin (Newton Nursery)	NJ(38)164638	75	25·7	19·10	171	112	29·42	193	136
D D	LOSSIEMOUTH Airfield	NJ(38)211701	21	...	19·30	152	102	27·40	192	134
5.—FINDHORN & C. 148 sq. mi.										
w	§Duthil Road	NH(28)944335	1150	...	...	...	...	36·00	...	...
d	§Dava Station (+ A)	NJ(38)008387	980	...	...	...	...	36·01	...	...
D D	FORRES (Hydro)	NJ(38)047587	155	24·6	19·30	153	106	28·32	184	133
D D	Kintessack (Culbin)	NJ(38)000602	28	26·2	19·49	176	115	29·29	215	136
D D	KINLOSS Airfield (+ A)	NJ(38)069625	15	24·2	18·90	161	113	27·22	194	117
D W	FINDHORN	NJ(38)039644	20	24·0	19·20	167	109	26·74	...	...
NAIRNSHIRE. (Area, 163 sq. mi.)										
1.—FINDHORN & C. 102 sq. mi.										
D D	Drynachan Lodge	NH(28)865395	750	...	31·23	202	139	41·43	229	165
D D	Ardclach (Glenferness)	NH(28)937430	700	36·7	29·05	168	127	36·95	207	149
d d	Lethen	NH(28)938517	300	...	23·75	...	114	30·10	178	144
2.—NAIRN & C. 61 sq. mi.										
D D	Cawdor (Auchindoune)	NH(28)838479	425	32·2	25·41	188	122	32·65	219	143
D D	Cawdor Castle	NH(28)847498	225	31·7	23·07	164	114	30·84	204	141
D D	Nairn (Firhall)	NH(28)881550	50	...	19·96	166	111	27·43	196	126
d d	Nairn (Balblair)	NH(28)873553	94	28·7	21·32	...	117	29·17	186	137
D D	Nairn (Achareidh)	NH(28)868565	59	26·4	20·47	168	120	25·83	209	138
d d	NAIRN (Golf Course)	NH(28)862566	20	25·0	18·17	...	...	24·85	216	129

DIVISION XVIII—NORTH-WESTERN COUNTIES

INVERNESS-SHIRE.

(Area, 4,146 sq. mi.)

1.—TAY. Tummel. 28 sq. mi.

2.—SPEY.

Right Bank Tributaries. 437 sq. mi.

D D DALWHINNIE	NN(27)638848	1176	49·2	48·72	205	170	45·22	243	181
d d §Loch Seilich (Gaick Lodge)	NN(27)756848	1430	60·8	56·88	...	...	44·95	...	...
D d Loch Seilich (Tromie Dam)	NN(27)763883	1430	51·3	44·89	232	179	51·43	...	...
M M §Loch Cuaich	NN(27)702836	1340	47·2	40·64	...	...	46·57	...	...
d d Glenshero	NN(27)550931	880	48·3	43·39	217	168	35·99	252	178
M M Glenfeshie Lodge	NN(27)842933	1170	43·0	37·78	...	...	39·45	...	...
D d Aviemore (Kinrara)	NH(28)877072	800	35·3	27·80	191	138	27·92	212	161
d d §Loch an Eilein (ACHNAGOICHAN)	NH(28)913082	1000	...	27·97	160	132	31·96	198	167
D D Loch Morlich (Foresters Cottage)	NH(28)978097	1072	40·2	33·78	185	138	41·44	220	168
D D Loch Morlich (GLENMORE LODGE)	NH(28)986095	1120	40·0	33·27	175	129	42·20	216	167

3.—SPEY.

Left Bank Tributaries. 257 sq. mi.

D D Cluny Castle	NN(27)646943	830	41·2	36·75	222	169	34·23	257	170
M M Loch Spey	NN(27)424938	1164	68·6	63·04	...	...	54·95	...	...

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
INVERNESS-SHIRE—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
3.—SPEY. Left Bank Tfts.—(contd.)									
M M Glen Spey (Mealgarve)	NN(27)463959	1135	48.5	57.42	...	...	49.50	...	...
D D §Laggan (Gergash)	NN(27)613945	900	...	36.27	212	163	34.92	249	181
D Kingussie (Dalnanent)	NH(28)757005	750	...	...	...	...	25.96	229	142
D d Carrbridge (Braeval)	NH(28)910224	850	...	23.69	173	126	27.80	216	146
D D Carrbridge (Dalrachney Beg)	NH(28)896229	900	...	24.02	193	123	29.41	235	147
4.—FINDHORN. 164 sq. mi.									
d d Strath Dearn (Coignafearn Lodge) ..	NH(28)681153	1460	54.2	44.81	...	...	42.71	207	173
D D Tomatin (Dalmigavie Lodge)	NH(28)753234	1150	45.8	33.55	219	169	44.40	252	191
ww Glen Kyllachy	NH(28)742253	1450	...	34.07	...	...	52.38	...	...
5.—NAIRN & C. 131 sq. mi.									
d d Strathnairn (Brin House)	NH(28)667298	750	...	32.49	...	...	40.73	...	...
d d Strathnairn (Farr)	NH(28)683331	650	38.4	30.84	188	133	38.16	233	175
d d Dalcross Airfield (+ A)	NH(28)766520	35	25.7	21.77	(163)	(116)	28.05	205	138
6.—NESS. Right Bank Tributaries. 252 sq. mi.									
d d Invergarry (Aberchalder Lodge) ..	NH(28)343033	180	...	53.10	...	...	38.27	...	...
D D Loch Oich (South Laggan)	NN(27)294973	155	...	73.85	231	193	62.31	258	199
M Glen Tarff (Liath Dhoire)	NH(28)383047	1262	...	...	...	...	46.81	...	...
M M Auchterawe (Lon Mor)	NH(28)336068	525	54.1	48.77	...	...	41.40	...	...
D D Fort Augustus (Auchterawe)	NH(28)368092	136	48.5	45.16	196	174	37.12	216	173
D D FORT AUGUSTUS (St. Benedicts) ..	NH(28)381091	68	47.5	42.61	211	163	35.57	231	168
d d §Loch Ness (Sronlairig Lodge)	NH(28)535070	1175	...	48.08	...	...	48.98	...	...
D D Loch Ness (Garthbeg)	NH(28)512182	630	39.3	34.29	210	148	34.79	241	167
D D Loch Ness (Foyers)	NH(28)497212	52	36.7	33.85	200	141	32.46	220	164
D D Loch Ness (Aberchalder)	NH(28)552201	640	40.5	33.22	193	146	34.60	226	170
ww Loch Ashie	NH(28)637359	718	33.3	28.92	...	...	33.39	...	...
d D INVERNESS (Harbour Road)	NH(28)668462	13	...	22.44	...	...	26.89	166	120
7.—NESS. Garry & c. 185 sq. mi.									
M M Loch Quoich (Cruadhach)	NM(17)932994	710	162.5	151.32	...	...	112.26	...	...
M Coire nan Gall	NM(17)926974	950	...	...	...	...	112.35	...	...
M M Glen Kingie (Lochan an Sgud) <i>new site</i>	NN(27)061984	470	100.0	99.08	...	...	71.90	...	...
M M Loch Quoich (Kinlochquoich)	NG(18)961007	675	146.0	135.66	...	...	101.42	...	...
D Invergarry (Craigard)	NH(28)293010	181	59.5	54.73	213	173	...	...	...
d D Glen Garry (Kingie Camp)	NH(28)102014	480	85.2	83.28	...	...	61.74	230	185
wd Glengarry (Inchlaggan)	NH(28)174016	350	70.5	68.12	...	...	52.62	...	...
D d Invergarry Dam	NH(28)276022	290	...	53.25	211	168	43.32	...	...
M Glen Quoich (Alltbeithe)	NH(28)021072	700	...	...	...	...	82.40	...	...
ww Glenquoich	NH(28)025032	700	...	108.51	...	...	82.81	...	...
M M Loch a Choire Bheithe	NG(18)986036	700	...	113.33	...	...	84.39	...	...
8.—NESS. Moriston. 120 sq. mi.									
d d Cluanie Dam	NH(28)192100	600	81.6	79.84	...	...	61.67	...	...
wd Glenmoriston (Ceannacroe)	NH(28)226113	427	71.9	71.48	...	...	55.06	...	...
M M Glen Moriston (Corrie Doe)	NH(28)183146	936	80.5	81.04	...	...	59.86	...	...

§ Turf wall around gauge.

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

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
INVERNESS-SHIRE—(contd.)											
8.—NESS. Moriston—(contd.)											
D D	Glenmoriston (Blairaidh)	.. (+ A)	NH(28)382165	229	...	42·74	197	143	39·19	235	173
d d	Invermoriston (Post Office)	.. ..	NH(28)417170	70	45·8	41·62	...	...	37·88	...	...
d d	§Invermoriston (Allt Saigh)	.. ..	NH(28)456192	95	43·7	40·97	...	148	33·64	...	158
9.—NESS. Enrick. 133 sq. mi.											
M M	Glen Urquhart Forest	.. ..	NH(28)426284	1330	45·5	45·20	...	...	39·57	...	...
d D	Glen Urquhart House	.. ..	NH(28)442307	470	38·2	35·87	175	148	30·34	204	166
10.—BEAULY. 341 sq. mi.											
M M	Glen Affric (Creag na Calman)	.. ..	NH(28)185218	1050	74·7	72·35	...	...	58·78	...	...
D D	Glen Affric (Affric Lodge)	.. ..	NH(28)185230	765	62·6	61·99	197	174	49·89	247	190
M M	Glen Fiadh	.. ..	NH(28)180257	1550	...	88·55	...	...	71·45	...	...
d d	Glen Affric (Benevean Dam)	.. ..	NH(28)275280	762	51·4	46·12	...	...	44·49	...	...
D D	CANNICK (Balcladaich)	.. ..	NH(28)297259	350	46·8	41·59	187	157	40·98	209	178
D D	Cannick (Fasnakyle)	.. ..	NH(28)314288	264	42·2	37·31	186	146	35·54	230	167
D D	Mullardoch Dam	.. ..	NH(28)223310	805	68·7	62·28	213	176	52·65	243	191
d d	Muchrache	.. ..	NH(28)287337	540	...	49·75	...	152	43·06	...	164
D D	Strathglass (Glassburn)	.. ..	NH(28)370344	170	43·1	39·41	200	149	37·56	239	170
M M	Upper Misgeach	.. ..	NH(28)173379	796	...	78·36	...	...	69·62	...	...
M W	Deanie Generating Station	.. ..	NH(28)294388	450	...	(49·87)	...	...	38·85	...	...
d	Strathfarrar (Inchruilt)	.. ..	NH(28)229387	495	...	...	...	...	46·16	...	...
d	Strathfarrar (Loch a' Mhuillidh)	.. ..	NH(28)282386	460	...	...	...	...	42·98	...	...
D d	Strathfarrar (Milton Cottage, Strug)	.. ..	NH(28)394406	175	44·0	41·41	200	156	36·22	...	...
M M	Strathfarrar (Loch Toll a Mhuic)	.. ..	NH(28)232421	1875	...	76·85	...	...	72·39	...	...
D D	The Aird (Teanaicoll)	.. .. (+ A)	NH(28)492413	220	34·0	28·76	168	127	31·64	220	148
M	§Neaty Burn	.. ..	NH(28)346436	1800	...	...	...	...	48·16	...	...
d	Teanassie	.. ..	NH(28)482444	150	...	...	...	...	33·05	...	...
d d	Tighachrochadair	.. ..	NH(28)434483	850	...	35·33	...	140	41·58	...	191
11.—CROMARTY FIRTH. 13 sq. mi.											
12.—SOUND OF SLEAT. 259 sq. mi.											
D D	Arisaig (Traigh House)	.. ..	NM(17)657906	20	60·1	59·73	225	205	49·66	221	186
D D	Loch Morar (Rhubana)	.. ..	NM(17)688922	52	70·9	70·64	240	206	53·13	225	195
D D	Loch Nevis (Inverie Gardens)	.. ..	NM(17)774994	15	84·1	84·64	225	214	61·76	203	193
D D	Loch Hourn (Kinlochourn)	.. ..	NG(18)951066	18	...	101·41	221	208	74·75	216	196
13.—SOUND OF ARISAIG. 126 sq. mi.											
D D	Moidart (Glenmoidart)	.. ..	NM(17)745728	200	79·1	77·41	231	205	62·82	213	195
d d	Loch Ailort (Inverailort)	.. ..	NM(17)763815	8	89·9	88·55	231	223	72·90	209	201
D D	Arisaig House	.. ..	NM(17)692848	40	63·8	65·36	235	210	51·33	225	195
14.—LOCH LINNHE. Right Bank Tributaries. 48 sq. mi.											
15.—LOCHY. Right Bank Tributaries. 143 sq. mi.											
D D	Loch Eil (Achdaluieu)	.. ..	NN(27)060782	100	...	69·68	227	191	55·35	225	180
D D	Loch Arkaig (Achnacarry)	.. ..	NN(27)176880	128	82·3	75·66	238	184	63·20	250	184
M	Clunes (Kilmallie)	.. ..	NN(27)188894	1050	...	72·40	...	...	...	...	...

§ Turf wall around gauge.

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

STATIONS		Rain-gauge site		Average Rain-fall	1959			1960		
		National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
INVERNESS-SHIRE—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
16.—LOCHY.										
Left Bank Tributaries. 362 sq. mi.										
M M	Fort William (Allt a' Mhuilinn) ..	NN(27)148746	1000	93.9	90.14	...	...	77.64	...	...
d d	Fort William (The Factory) ..	NN(27)130751	75	...	66.90	(234)	(200)	52.41	253	189
M M	Roybridge (Lairig Road) ..	NN(27)278753	1650	101.8	95.10	...	...	80.65	...	...
M M	Spean Bridge (The Cour) ..	NN(27)222758	1050	101.6	95.90	...	...	82.12	...	...
M M	Sgurr Finisgaig ..	NN(27)190758	1850	95.6	90.77	...	...	84.04	...	...
D D	Loch Freig (Fersit) ..	NN(27)351782	850	67.1	66.71	221	189	57.15	243	186
M M	Tulloch (Allt Laire) ..	NN(27)328776	1050	78.1	77.93	...	...	62.98	...	...
M	Roybridge (Allt Leachdach) ..	NN(27)256789	650	66.7	...	...	...	52.80	...	...
M M	Loch Pattack ..	NN(27)543798	1420	62.9	61.40	...	...	47.90	...	...
M M	Glen Spean (Craigbeg) ..	NN(27)406817	860	59.9	57.40	...	...	42.78	...	...
D D	Spean Bridge (Spean Lodge) ..	NN(27)221816	200	67.3	59.96	210	184	45.93	205	184
D D	Spean Bridge (Gairlochy) ..	NN(27)176843	100	78.4	70.81	223	190	58.98	244	202
d d	Loch Laggan (Airdverikie) ..	NN(27)508876	838	56.6	49.22	...	163	48.16	...	173
d	Glen Roy (Braeroy Lodge) ..	NH(28)338914	725	...	67.96	...	182	...	...	...
17.—LOCH LINNHE.										
Left Bank Tributaries. 120 sq. mi.										
M M	Glenrigh (Lower) ..	NN(27)061630	420	83.8	79.50	...	...	61.30	...	...
D D	ONICH ..	NN(27)030635	48	81.4	77.50	231	218	61.91	235	205
M M	Glenleven (Invercam) ..	NN(27)322608	1070	...	71.55	...	...	64.25	...	...
M M	Glenleven (Loch Chiarain) ..	NN(27)291634	1200	81.5	78.95	...	...	70.05	...	...
M	Glenleven (Loch Eilde Mhor) ..	NN(27)217633	1130	99.8	106.56	...	...	82.50	...	...
M M	Glenrigh (Upper) ..	NN(27)076647	480	88.5	85.65	...	...	63.26	...	...
M M	Glenleven (Loch Eilde Beg) ..	NN(27)249652	1125	98.9	103.95	...	...	86.10	...	...
d	Lundavra ..	NN(27)087662	520	...	...	...	...	62.04	236	186
M M	Glenleven (Corrou) ..	NN(27)356664	1350	...	75.10	...	...	68.90	...	...
d d	Glen Nevis (Achriabhach) ..	NN(27)145684	169	95.1	91.64	...	193	78.41	...	193
D	FORT WILLIAM (Secondary School) ..	NN(27)099737	34	79.6	78.47	241	197	...	...	...
D D	Fort William (Glasdrum) ..	NN(27)101735	216	78.7	74.99	228	196	56.18	231	180
18.—INSULAR. INNER HEBRIDES										
832 sq. mi.										
D D	Isle of Eigg ..	NM(17)479836	120	60.6	57.76	232	198	51.22	238	191
M M	Rhum (Harris) ..	NM(17)337958	70	...	59.10	...	...	47.50	...	...
M M	Rhum (Ard Rev) ..	NM(17)354987	900	...	94.70	...	...	73.60	...	...
D D	RHUM (Kinloch Castle) ..	NM(17)402996	10	99.5	104.74	243	210	89.25	229	196
M M	§Rhum (Kilmory) ..	NG(18)362038	70	...	84.20	...	...	64.14	...	...
d d	Skye (Broadford) ..	NG(18)644233	50	78.2	88.68	212	202	68.55	214	189
D D	Skye (Kyleakin Dunringell) ..	NG(18)744263	70	64.0	63.47	245	198	52.85	248	180
D d	Skye (Grula) ..	NG(18)384266	60	83.6	89.37	238	203	70.19	249	210
d D	Skye (Tallisker) ..	NG(18)325302	15	65.3	69.53	222	210	55.77	213	190
D	Skye (Loch Harport, Carbost) ..	NG(18)369330	160	86.1	97.69	241	213	...	...	...
D D	Skye (Portree) ..	NG(18)479440	90	71.4	77.44	235	203	56.99	236	200
D D	Skye (PRABOST) ..	NG(18)418502	220	71.5	79.37	248	208	59.50	248	202
D D	Skye (DUNTULM Kilmuir) ..	NG(18)399718	294	53.1	59.78	236	201	45.50	231	180
19.—INSULAR. OUTER HEBRIDES.										
243 sq. mi.										
D	South Uist (Stilligary) ..	NF(08)770387	16	...	...	...	...	51.97	238	193
D D	BENBECULA Airfield .. (+ A)	NF(08)784556	18	44.9	49.38	239	186	43.95	238	180
D D	North Uist (Lochmaddy) ..	NF(08)922696	34	42.3	51.16	244	193	40.58	247	188
D	Harris (Kyles Lodge) ..	NF(08)997878	20	43.8	51.81	249	190	...	...	...

§ Turf wall around gauge.

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

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
INVERNESS-SHIRE—(contd.)									
19.—INSULAR. O. Hebrides—(contd.)									
D St. Kilda	NF(08)104991	...	...	...	...	...	43·17	253	199
d d §Chliostair Power Station	NB(19)058092	153	...	83·58	...	...	62·68	...	...
d Harris (Log Garbh Aqueduct)	NB(19)071096	585	...	...	...	...	71·01	...	...
M Harris (Ashavat)	NB(19)072123	...	...	...	...	...	80·60	...	...
ROSS & CROMARTY. (Area, 3,237 sq. mi.)									
1.—NESS. Moriston. 35 sq. mi.									
d Cluanie Inn	NH(28)076117	730	...	...	...	...	79·72	...	...
2.—BEAULY. 109 sq. mi.									
3.—MORAY FIRTH COAST STREAMS. 64 sq. mi.									
d Muir of Ord	NH(28)527500	150	...	...	...	...	29·64	222	147
D D §FORTROSE	NH(28)749557	15	25·4	22·03	162	112	26·45	194	132
D D Millbuie (Blackstand)	NH(28)716611	520	31·8	26·87	169	126	32·81	220	152
D D Fearn (Geanies)	NH(28)895793	200	23·6	22·12	155	115	23·15	181	141
4.—CROMARTY FIRTH. 714 sq. mi.									
M Upper Orrin (Loch na Caoidhe) ..	NH(28)228473	1450	...	...	...	...	61·43	...	...
M M Upper Meig (Gleann Fhiodhaig) ..	NH(28)177490	730	...	67·64	...	...	62·03	...	...
D D River Meig (Corriefeol)	NH(28)203509	530	...	59·59	205	176	44·30	229	182
d d Muir of Ard (Fairburn)	NH(28)455528	500	37·5	33·28	163	137	37·05	190	163
D D Strathconan (Bridgend)	NH(28)323551	400	50·1	44·60	196	157	44·14	240	196
d Loch Gowan (Luib)	NH(28)130547	625	...	...	...	...	56·47	...	192
M Allt na Feithe Baine	NH(28)086585	830	...	...	...	...	62·34	...	...
D D Loch Luichart (East)	NH(28)390575	165	42·9	38·80	200	155	37·88	238	172
D Achnasheen (Druimdhu)	NH(28)188592	540	...	...	...	...	47·38	223	197
d d Lochluichart (The Manse)	NH(28)317625	310	44·7	43·12	...	163	35·01	229	178
M M Loch Fannich South	NH(28)178647	960	...	70·86	...	...	57·70	...	...
M D §Loch Fannich (Fannich Lodge) ..	NH(28)219660	880	...	69·03	...	...	52·02	233	203
D D Lochluichart (Aultdearg)	NH(28)288652	725	54·1	54·27	221	187	43·05	248	201
M Garbat (Dubh Choille)	NH(28)399683	1150	48·4	...	...	...	45·50	...	...
D d Garve (Inchbae)	NH(28)405693	526	46·1	42·51	198	157	42·47	197	182
d d §Blackbridge	NH(28)374710	690	...	42·79	...	...	40·13	...	...
d Strathvaich Schoolhouse	NH(28)373710	700	...	44·11	...	...	...	...	...
d d Strathvaich Lodge	NH(28)349743	790	54·5	52·18	...	...	42·78	...	...
D Invergordon (Rosskeen)	NH(28)683695	50	...	...	...	...	28·21	211	133
D D Alness (Ardross School)	NH(28)644736	495	...	31·05	179	127	33·80	226	158
d w †Strath Rannoch	NH(28)386745	925	...	50·62	...	...	44·78	...	...
ww Strathvaich (Luibachlaggan)	NH(28)350782	850	...	56·95	...	...	47·08	...	...
5.—DORNOCH FIRTH. 355 sq. mi.									
ww §Strath Carron (Deanich Lodge) ..	NH(28)368839	900	...	59·61	...	...	57·34	...	...
D TARBATNESS	NH(28)947875	60	21·9	...	...	...	21·16	197	111
6.—ENARD BAY. 78 sq. mi.									
7.—LOCH BROOM & C. 367 sq. mi.									
d Loch Droma	NH(28)257755	915	64·6	...	...	...	53·34	...	...
D d Inverbroom (Glackour)	NH(28)191820	65	57·1	60·50	204	185	44·80	212	182

§ Turf wall around gauge.

† 1960 values from new site 400 yds. N. at 950 ft.

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

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
ROSS & CROMARTY—(contd.)			<i>ft.</i>	<i>in.</i>	<i>in.</i>		<i>in.</i>		
7.—LOCH BROOM & C.—(contd.)									
M M Glackour (Strone Nea)	NH(28)204843	1200	...	...	...	...	50.70	...	...
D D Ullapool (Semardon)	NH(28)128942	50	49.6	52.87	218	169	38.13	230	176
D d Strath Kanaird (Power Station) ..	NC(29)149013	45	...	58.22	195	176	41.27	...	159
8.—LOCH EWE, LOCH TORRIDON & C. 423 sq. mi.									
D Loch Torridon (Torridon House) ..	NG(18)869572	25	65.2	71.12	223	188	...	...	...
M M Glen Torridon (Carn Anthony) ..	NG(18)977575	350	95.0	99.10	...	...	79.45	...	...
D D KINLOCHEWE (Anancaun) .. (+ A)	NH(28)024630	76	77.5	81.44	223	189	63.60	243	194
M M Gairloch (Loch na h-Oidhche) ..	NG(18)899642	1350	...	(166.25)	...	...	(114.09)	...	...
d Kinlochewe (Heights of Kinlochewe) ..	NH(28)069638	300	...	...	...	...	57.72	...	...
M M Gairloch (a'Gharbh-Choire)	NG(18)873701	800	86.8	104.07	...	...	76.59	...	...
M Loch Fada (Loch Gleann na Muice) ..	NH(28)063681	1000	...	...	...	...	68.10	...	...
D D Loch Maree (Letterewe)	NG(18)953712	42	...	78.52	222	211	64.42	242	232
D D Loch Bad-na-Scalaig	NG(18)848719	355	70.6	79.28	226	198	57.98	223	186
D D Gairloch (Badachro)	NG(18)778737	90	52.3	58.26	197	159	44.09	196	165
M M Sithean Mor	NG(18)848741	850	...	92.41	...	...	72.07	...	...
D Poolewe (Inverewe)	NG(18)861818	20	...	69.42	220	199	...	...	...
d d Inverasdale (Midtown)	NG(18)821866	70	58.4	71.15	217	189	48.56	203	171
9.—LOCH CARRON, LOCH ALSH & C. 401 sq. mi.									
M M Glen Shiel (Tigh an Allt)	NH(28)017132	600	134.5	98.46	...	...	68.05	...	...
D D Loch Duich (Ratagan)	NG(18)919197	12	80.4	89.03	218	200	64.49	213	189
D D Loch Alsh (Nostie)	NG(18)857273	25	72.5	72.07	225	199	56.02	225	189
D BALMACARA HOUSE	NG(18)800276	2	...	66.94	223	197	...	...	...
D D Stromeferry (Dailfean)	NG(18)854337	60	...	65.09	241	210	52.94	246	191
M Stromeferry (Am Meallan)	NG(18)874339	625	66.1	71.40	...	...	...	...	...
D Attadale	NG(18)936383	50	...	...	...	...	54.39	222	187
D Applecross Gardens	NG(18)723456	70	59.8	...	...	...	56.97	218	188
D Applecross (Milltown)	NG(18)707439	20	50.5	58.11	209	185	...	...	...
M M Applecross (Bealach)	NG(18)757441	1300	...	78.95	...	...	65.40	...	...
D D Loch Kishorn (Culdoran)	NG(18)843441	50	83.9	87.16	225	203	69.23	222	194
D D ACHNASHELLACH	NH(28)040491	220	81.0	87.67	258	206	64.13	279	201
M §Coulin Pass	NH(28)025501	950	89.1	103.05	...	...	...	...	...
10.—INSULAR. OUTER HEBRIDES. 691 sq. mi.									
d d §Gisla (Power Station)	NB(19)129259	24	...	80.94	...	...	56.28	...	...
D D §STORNOWAY Airport (+ A)	NB(19)465332	11	39.5	48.85	233	184	37.56	234	179
d Stornoway (Back Schoolhouse) ..	NB(19)482401	102	39.8	...	...	...	36.18	...	...
M Back Filters	NB(19)466425	225	...	...	...	...	40.68	...	...

DIVISION XIX—NORTHERN COUNTIES

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

1.—DORNOCH FIRTH. 413 sq. mi.

D D Dornoch (Ospisdale)	NH(28)713898	100	31.4	29.73	206	139	35.58	237	174
D D LAIRG (ACHANY)	NC(29)570018	240	41.5	37.59	210	157	35.45	260	168
D d Strath Oyke (Rosehall)	NC(29)467023	250	...	40.56	...	...	32.49	243	164

§ Turf wall around gauge.

DIVISION XIX—NORTHERN COUNTIES—(contd.)

STATIONS				Rain-gauge site		Average Rain- fall	1959			1960		
				National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
SUTHERLAND—(contd.)					ft.	in.	in.					
1.—DORNOCH FIRTH—(contd.)												
D D	Glenrossal	..	..	NC(29)465040	130	...	41·16	194	164	32·91	231	167
d D	Lairg (Raonocloy)	..	..	NC(29)566037	279	...	33·34	...	...	31·73	237	152
D D	Lairg Dam	..	..	NC(29)577071	310	...	35·05	208	151	34·78	229	169
M M	§Cnoc Riabhach	..	..	NC(29)543077	850	...	42·17	...	...	41·22	...	...
d d	Loch Ailsh (Ben More Lodge)	..	..	NC(29)323114	513	71·8	68·17	...	...	49·45	...	...
W W	Glen Cassley (Dalphaid)	..	..	NC(29)397145	360	64·5	59·38	...	...	45·70	...	...
W W	Glen Cassley (Duchally)	..	..	NC(29)388170	436	67·2	63·74	...	...	49·28	...	...
M M	§Cnoc na Doire	..	..	NC(29)548199	680	...	40·53	...	...	38·87	...	...
M	§Cnoc an Laoigh	..	..	NC(29)487199	450	...	...	...	...	37·52	...	...
M M	Glen Cassley (Ben More)	..	..	NC(29)346194	1240	123·7	113·87	...	...	82·31	...	...
D D	Overscaig	..	..	NC(29)421226	400	60·3	58·50	200	183	44·49	219	191
D	Loch Shin (Cassley Power Station)	..	..	NC(29)396232	325	...	...	...	...	48·77	226	183
M	§Loch Shin (Fiag)	..	..	NC(29)445238	880	56·0	...	...	...	42·98	...	...
D d	Loch Shin (Corrykinloch)	..	..	NC(29)365257	386	76·7	74·39	223	199	53·11	...	...
2.—FLEET. BRORA & C. 309 sq. mi.												
D	Loch Merkland	..	..	NC(29)401297	387	70·9	...	...	...	51·52	236	191
M M	Loch Merkland (Garvault)	..	..	NC(29)372305	1100	91·4	82·97	...	...	64·72	...	...
D D	Brora (Uppat)	..	..	NC(29)870025	220	...	30·67	197	145	33·93	221	163
M M	Lairg (Dalnessie)	..	..	NC(29)631152	581	...	38·69	...	...	33·87	...	...
3.—HELMSDALE & C. 226 sq. mi.												
d d	Kinbrace (The Hatchery)	..	..	NC(29)872285	341	...	35·33	...	...	41·08	...	...
4.—NORTH COAST STREAMS. 736 sq. mi.												
W W	Loch Choire Lodge	..	..	NC(29)651305	575	...	49·34	...	...	46·60	...	...
M	Vagastie Aqueduct	..	..	NC(29)518272	770	...	...	...	...	41·88	...	...
M M	Loch Merkland (Ben Hee)	..	..	NC(29)409368	1700	107·1	96·81	...	...	69·13	...	...
D	Gobernuisgach	..	..	NC(29)437417	250	...	...	...	...	54·03	265	199
M	Lochstrathy	..	..	NC(29)795489	525	...	...	...	...	42·06	...	...
D D	Skerray (Borgie)	..	..	NC(29)663579	110	43·8	42·82	235	177	34·24	258	182
D D	Tongue	..	..	NC(29)586585	40	43·3	41·18	223	163	30·55	229	167
D D	STRATHY (Bowside)	..	..	NC(29)830609	125	42·9	43·25	223	166	33·90	260	182
d	Melvich School	..	..	NC(29)877650	200	38·5	39·57	(212)	(160)	...	...	...
D D	Durness (Keoldale)	..	..	NC(29)381662	16	48·5	47·32	261	180	33·34	251	176
D D	CAPE WRATH	..	..	NC(29)259747	367	47·4	48·73	219	179	32·28	230	172
5.—LOCH LAXFORD & C. 256 sq. mi.												
d D	Kylestrome	..	..	NC(29)219344	130	...	62·57	206	191	43·02	219	190
D	Lochmore Lodge	..	..	NC(29)299386	220	...	...	...	...	50·92	257	196
6.—ENARD BAY. 138 sq. mi.												
D D	Kinlochbervie	..	..	NC(29)221565	80	...	53·54	218	181	36·55	202	158
D	Elphin	..	..	NC(29)222118	600	65·8	68·34	233	206	...	...	...
D D	†Lochinver (Bank House)	..	..	NC(29)094223	22	48·7	51·77	219	175	37·08	189	144
d d	Stoer	..	..	NC(29)035290	70	42·1	43·84	200	160	32·29	198	158

§ Turf wall around gauge.

† Gauge moved to Lochinver (Culag Hotel) from July 1960.

DIVISION XIX—NORTHERN COUNTIES—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
SUTHERLAND—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
7.—INSULAR. 2 sq. mi.									
CAITHNESS. (Area, 696 sq. mi.)									
1.—BERRIEDALE, DUNBEATH & C. 169 sq. mi.									
M M Berriedale (Langwell)	ND(39)103224	230	...	31.97	...	...	32.78	...	...
2.—WICK & C. 184 sq. mi.									
D D Wick Airport (+ A)	ND(39)366523	119	30.0	31.65	205	147	31.86	227	161
Noss Head	ND(39)389550	129	...	27.66	179	141	...	...	...
3.—THURSO & C. 238 sq. mi.									
D D HALKIRK (OLGRINBEG POWER STATION)	ND(39)091527	232	38.4	36.73	195	153	33.36	209	170
d d §Loch Calder (Achavarn Weir)	ND(39)086595	221	37.7	34.62	(197)	(154)	33.33	209	171
D D Thurso (Buckies)	ND(39)109633	240	38.9	34.87	204	165	33.65	218	184
D D Loch Schurrery	ND(39)042567	329	...	38.67	211	191	35.87	239	189
4.—FORSS & C. 104 sq. mi.									
D §DOUNREAY	NC(29)990670	70	...	...	...	...	31.60	210	167
5.—INSULAR. 1 sq. mi.									
ORKNEY ISLANDS. (Area, 389 sq. mi.)									
Hoy (Cantick Head)	ND(39)346893	68	34.1	31.96	184	152	(29.20)	228	171
Hoy (Graemsay Sound, High)	HY(310)246066	29	...	39.05	226	172	29.93	245	180
Hoy (Graemsay Sound, Low)	HY(310)269061	40	41.1	39.63	204	155	34.21	212	162
D D §KIRKWALL (Grimsetter) (+ A)	HY(310)483076	84	39.4	36.10	219	168	31.03	230	169
D D Stenness	HY(310)299118	75	39.6	40.51	224	162	31.84	243	174
Hellyar Holm	HY(310)483151	35	34.7	32.07	204	162	...	...	...
Sanday (Start Point)	HY(310)787435	27	35.6	33.80	186	165	34.71	221	173
D D SULE SKERRY	HX(210)623241	43	...	42.20	233	182	29.92	235	164
SHETLAND ISLANDS. (Area, 558 sq. mi.)									
d Sandwick	HU(411)411250	330	42.0	42.97	(228)	(180)	...	...	...
D D LERWICK OBSERVATORY (+ A)	HU(411)454396	269	40.5	36.16	223	163	33.43	229	146
D D Bixter (Vementry)	HU(411)309597	25	38.6	35.65	225	180	33.14	213	157
D D BALTASOUND	HP(412)624092	78	44.9	39.95	236	186	41.18	246	186

Northern Ireland

FERMANAGH. (Area, 713 sq. mi.)

1.—ERNE. 667 sq. mi.

D D Newtownbutler (Crom Castle)	IH(23)356241	200	39.3	39.33	234	167	47.82	272	194
D D Florencecourt	IH(23)176347	274	48.6	45.52	216	155	(52.93)	(253)	(190)

§ Turf wall around gauge.

NORTHERN IRELAND—(contd.)

STATIONS	Rain-gauge site		Average Rain-fall	1959			1960		
	National grid reference	Altitude		Rain-fall	Days with .01 in. or more	Days with .04 in. or more	Rain-fall	Days with .01 in. or more	Days with .04 in. or more
FERMANAGH—(contd.)									
1.—ERNE—(contd.)									
D D Enniskillen (Bellevue)	IH(23)253410	210	39·7	35·84	220	151	40·47	254	180
D Enniskillen (Portora Sluice)	IH(23)222453	166	...	...	...	...	44·70	248	190
D D Colebrooke	IH(23)409446	250	41·3	39·32	185	158	49·14	214	183
D D Belleek (Roscor)	IG(13)971551	500	48·2	41·88	211	170	52·22	246	189
D D Belleek	IG(13)941589	150	48·4	44·70	238	190	50·58	285	209
D D ELY LODGE	IH(23)190512	166	...	41·07	211	179	46·41	241	195
d d Irvinestown (R.U.C.)	IH(23)236582	303	40·8	39·21	...	...	45·54	...	...
2.—DROWES & C. 46 sq. mi.									
ARMAGH. (Area, 514 sq. mi.)									
1.—DUNDALK BAY. 118 sq. mi.									
2.—CARLINGFORD LOUGH. 23 sq. mi.									
D D Bessbrook (The Woodhouse)	IJ(33)051284	260	40·1	42·77	181	155	46·36	231	179
3.—BANN. Lough Neagh, East. 37 sq. mi.									
4.—BANN. UPPER. 144 sq. mi.									
D D Ballylane Waterworks	IH(23)965352	480	...	36·79	203	148	43·94	234	176
d d Markethill (Whitecross)	IH(23)987313	400	41·2	36·41	161	148	42·11	210	172
D D Portadown Sewage Works	IJ(33)022556	70	...	28·23	182	146	36·46	213	168
5.—BANN. Lough Neagh, West. 192 sq. mi.									
D D Seagahan Reservoir (+ A)	IH(23)898379	525	...	36·57	188	147	44·28	229	169
D D Tynan Abbey	IH(23)759422	167	34·3	29·13	184	146	37·24	217	170
D D ARMAGH Observatory (+ A)	IH(23)874457	205	33·3	29·39	190	146	39·43	223	167
d d Richhill (Sandymount)	IH(23)924495	200	32·2	28·01	176	136	37·81	225	178
D LOUGHGALL (Manor Farm) (+ A)	IH(23)907519	91	...	...	...	...	36·21	217	163
DOWN. (Area, 961 sq. mi.)									
1.—CARLINGFORD LOUGH. 104 sq. mi.									
D D Newry (Bridge Street Ho.)	IJ(33)082258	23	38·7	39·06	167	142	44·74	206	166
2.—DUNDRUM BAY & C. 173 sq. mi.									
D D KILKEEL Coastguard Stn.	IJ(33)314140	59	40·0	30·00	168	133	40·20	198	162
D Newcastle	IJ(33)371311	27	...	...	...	...	59·56	196	167
D D §Silent Valley	IJ(33)305210	457	52·8	46·23	193	139	64·07	235	174
D D §Annalong Valley	IJ(33)355225	435	48·4	42·19	206	141	57·12	259	177
M M §Mourne Mtns. (Slieve Lamagan)	IJ(33)322255	1320	72·1	62·20	...	...	77·00	...	...
M M §Mourne Mtns. (Lough Shannagh)	IJ(33)298259	1280	72·2	58·65	...	...	80·80	...	...
M M §Mourne Mtns. (Slieve Bearnagh)	IJ(33)314279	1954	74·2	58·80	...	...	78·00	...	...
d d Foffany Resrv. (No. 2)	IJ(33)285291	950	...	59·60	(182)	(142)	87·13	...	...
d TOLLYMORE PARK FOREST	IJ(33)346327	250	...	...	...	...	(62·52)	(209)	(172)
D D Seaforde	IJ(33)402435	180	41·4	34·91	196	146	45·49	198	170

§ Turf wall around gauge.

BRITISH RAINFALL 1959-60
NORTHERN IRELAND—(contd.)

STATIONS			Rain-gauge site		Average Rain- fall	1959			1960		
			National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
DOWN—(contd.)											
3.—STRANGFORD LOUGH. 206 sq. mi.											
d d	Lough Cowey Waterworks	IJ(33)596545	45	...	26·78	...	...	39·53	176	150
D D	Downpatrick (The Mall)	IJ(33)483444	80	...	29·22	193	132	42·23	238	177	
4.—COAST STREAMS. 47 sq. mi.											
D D	Ballywalter Park.	IJ(33)620682	50	34·1	29·46	201	136	39·56	227	174	
D D	Donaghadee	IJ(33)583802	40	...	26·73	166	126	39·84	197	169	
D D	Donaghadee (Orlock Reservoir) ..	IJ(33)561827	23	...	26·46	188	138	39·36	205	167	
5.—BELFAST LOUGH. 206 sq. mi.											
d D	Dromara	IJ(33)289495	400	40·7	(38·93)	(179)	(146)	50·35	192	166	
D D	HILLSBOROUGH Ag. Res. Inst.	IJ(33)251577	388	35·4	30·85	195	138	42·56	229	172	
D D	Hillsborough (Lisadian)	IJ(33)219591	217	35·5	30·82	189	146	39·15	217	166	
D D	Dundonald (Moyard)	IJ(33)412730	200	36·6	28·18	206	141	43·33	206	165	
D D	BELFAST (STORMONT CASTLE)	IJ(33)402749	186	...	29·59	176	138	43·87	202	163	
D D	Conlig Reservoir	IJ(33)499781	213	37·2	30·39	223	146	47·78	243	178	
D D	Ballysallagh Reservoir	IJ(33)455785	245	40·1	31·55	168	138	48·61	203	168	
D D	Bangor (Garth House School)	IJ(33)494822	120	34·9	28·35	171	135	43·66	180	158	
6.—BANN. Lough Neagh, East. 7 sq. mi.											
7.—BANN. UPPER. 162 sq. mi.											
M M	Mourne Mtns. (Deers Meadow)	IJ(33)260257	1250	...	64·70	...	...	88·17	...	...
M M	Mourne Mtns. (Ott)	IJ(33)280272	1500	...	63·35	...	...	90·92	...	...
8.—INSULAR. 2 sq. mi.											
ANTRIM. (Area, 1,193 sq. mi.)											
1.—BELFAST LOUGH. 107 sq. mi.											
M M	Lisburn (Seymour Park)	IJ(33)276639	139	...	29·99	...	...	41·34	...	...
d	Lisburn (Hillhall)	IJ(33)280635	151	...	...	...	...	(39·79)	...	...
D D	Dunmurry (Lagmore)	IJ(33)265690	385	44·6	33·95	198	150	47·08	229	179	
D D	Belfast (Sewage Works) (+ A)	IJ(33)352770	26	37·9	30·08	183	130	41·41	206	165	
D D	§Belfast (Oldpark Filters)	IJ(33)323775	203	45·8	33·61	178	156	42·72	212	199	
D D	Carrickfergus (Copeland)	IJ(33)429916	427	41·6	35·40	202	163	51·26	226	191	
D D	Carrickfergus (Dorisland)	IJ(33)386879	271	40·2	36·09	215	163	50·05	241	198	
D D	Carrickfergus (Knockagh)	IJ(33)364880	723	44·0	37·60	205	163	52·30	234	190	
D D	Carrickfergus (Loughmourne)	IJ(33)416922	596	44·6	36·13	203	158	54·21	234	188	
D D	Carrickfergus (N. Woodburn)	IJ(33)367904	735	48·6	38·31	221	170	56·90	233	192	
D D	§Carrickfergus (S. Woodburn)	IJ(33)371893	640	46·6	37·61	220	166	53·48	233	185	
2.—GLENARM & C. 186 sq. mi.											
D D	Larne (Ballycarry)	IJ(33)459949	210	41·4	31·08	177	144	47·72	196	170	
D	Larne (Grammar School)	ID(34)393026	150	...	...	...	...	49·15	205	168
3.—BUSH & C. 193 sq. mi.											
M M	Cloughmills (Altnahinch)	ID(34)123230	830	...	51·86	...	...	60·61	...	...
D D	Ballycastle (Coolgreany)	ID(34)123406	90	41·6	34·80	202	164	48·25	228	197	
D D	Portrush	IC(24)854411	18	...	31·23	187	147	41·64	227	178	

§ Turf wall around gauge.

NORTHERN IRELAND—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
ANTRIM—(contd.)									
4.—BANN. LOWER. 112 sq. mi.									
D D Toomebridge	IH(23)988905	59	36·2	31·31	188	139	38·05	223	172
5.—BANN. Lough Neagh, East. 590 sq. mi.									
D D Stoneyford (No. 1)	IJ(33)221701	453	41·2	34·59	...	...	46·98	243	191
D D Stoneyford (No. 2)	IJ(33)218701	452	...	(34·59)	...	...	45·53	237	185
D D Leathermstown	IJ(33)214723	534	41·3	36·16	204	153	49·90	241	194
D D NUTTS CORNER Airport	IJ(33)196776	338	39·0	32·99	190	147	42·50	214	172
D D ALDERGROVE Airfield (+ A)	IJ(33)143800	217	34·7	29·33	183	140	35·28	220	162
D D Randalstown	IJ(33)083907	100	41·2	32·61	209	150	40·56	241	180
W W Ballyclare (Killylane Reservoir)	IJ(33)279986	741	49·5	45·72	...	...	56·87	...	...
D D Ballymena (Harryville)	ID(34)107028	150	43·4	33·55	223	151	39·54	241	174
D D Broughshane (Quolie)	ID(34)178128	864	55·8	44·49	238	178	53·31	249	211
6.—INSULAR. 5 sq. mi.									
LONDONDERRY. (Area, 816 sq. mi.)									
1.—LOUGH SWILLY. 6 sq. mi.									
2.—BUSH & C. 9 sq. mi.									
3.—BANN. LOWER. 240 sq. mi.									
D D Upperlands (Ardtara)	IC(24)874047	250	43·5	34·31	209	155	43·13	238	188
D D GARVAGH (MONEYDIG)	IC(24)889171	121	42·4	33·77	208	153	42·54	240	190
D D Coleraine (The Cutts)	IC(24)854302	22	40·9	35·46	225	160	48·88	244	197
D D Coleraine (Carthall Filters)	IC(24)829324	177	...	32·35	204	158	42·97	210	182
4.—BANN. Lough Neagh, West. 196 sq. mi.									
D D Draperstown (Ard Muiri)	IH(23)779947	267	51·3	43·15	249	159	51·13	250	193
5.—FOYLE & C. 365 sq. mi.									
M M §Glenedra Hill	IH(23)696992	1333	67·2	60·84	...	...	69·68	...	...
M M §Glenedra Lodge	IH(23)705005	950	61·1	55·93	...	...	66·25	...	...
M M §Glenedra (Altgarra Mtn.)	IC(24)711012	1230	59·0	55·19	...	...	65·27	...	...
M M §Dungiven (Labbyheige)	IC(24)723021	1150	59·3	55·67	...	...	68·57	...	...
M M §Altnahegligh (Altabrogy Burn)	IC(24)701033	967	58·3	57·66	...	...	65·79	...	...
M M §Altnahegligh (Glack Burn)	IC(24)707040	967	55·4	55·88	...	...	63·83	...	...
M M §Glenedra Intake	IC(24)682024	740	57·7	51·19	...	...	59·36	...	...
M M §Glenedra (Spelhoagh Mtn.)	IH(23)704985	1333	66·4	60·95	...	...	73·70	...	...
D D §Dungiven (Banagher Filters)	IC(24)670046	373	52·3	49·17	230	173	56·55	272	209
D D Dungiven (Grianan)	IC(24)694089	330	44·3	40·07	232	155	47·45	268	192
D D Londonderry (Creggan Reservoir)	IC(24)415171	325	46·1	35·69	219	168	42·43	262	206
D D Limavady (Drenagh)	IC(24)689236	80	37·5	34·57	224	164	42·29	248	192
D D BALLYKELLY Airfield (+ A)	IC(24)624235	10	34·5	28·01	193	138	33·21	234	167
TYRONE. (Area, 1,257 sq. mi.)									
1.—ERNE. 46 sq. mi.									

§ Turf wall around gauge.

BRITISH RAINFALL 1959-60
NORTHERN IRELAND—(contd.)

STATIONS	Rain-gauge site		Average Rain- fall	1959			1960		
	National grid reference	Altitude		Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more	Rain- fall	Days with ·01 in. or more	Days with ·04 in. or more
TYRONE—(contd.)		<i>ft.</i>	<i>in.</i>	<i>in.</i>			<i>in.</i>		
2.—BANN. Lough Neagh, West. 442 sq. mi.									
D D Auchnacloy Sewage Works	IH(23)664519	180	...	35·73	194	158	40·35	212	175
D D Dungannon (Aloha)	IH(23)807614	275	41·2	34·61	207	155	43·64	238	187
D D Dungannon Park	IH(23)802606	250	40·2	33·75	207	162	41·41	233	184
D D Castlecaulfield (Parkanaur)	IH(23)739614	250	...	37·45	218	160	44·38	257	183
D D Cookstown (Loughry Ag. Coll.) ..	IH(23)813743	208	39·5	35·65	201	156	45·90	248	188
3.—FOYLE. 769 sq. mi.									
D D Omagh (Edenfel)	IH(23)464719	280	42·8	38·19	206	181	42·56	230	191
D d Gortin (Beltrim School)	IH(23)490858	393	49·7	42·74	206	170	(52·15)	...	...
d D Sion Mills (Sion House)	IH(23)339932	100	42·6	36·17	...	...	43·14	204	186
D LISLAP FOREST	IH(23)485823	686	...	...	...	...	53·63	233	207

BRITISH RAINFALL 1959-60

PART III

SNOW SURVEY OF GREAT BRITAIN FOR THE SEASONS 1958-59 AND 1959-60

The reports which follow are the third and fourth annual reports of the Snow Survey of Great Britain to appear in *British Rainfall*. Previous annual reports, commencing with that for the season 1953-54, were also prepared by the Meteorological Office but were published in the *Meteorological Magazine*. Annual reports for the seasons 1946-47 to 1952-53 were prepared by the British Glaciological Society, from whom the Meteorological Office assumed responsibility for the Survey in 1953, and were published in the *Journal of Glaciology*.

The basic material for these reports has been obtained, as in previous years, from returns made by voluntary observers who have provided, month by month, daily records of snowfall and of snow cover within sight. These records, from a network of stations distributed over the country, have been augmented by data extracted from the monthly returns of official weather stations and voluntary climatological and rainfall stations reporting to the Meteorological Office. Without the co-operation of all those responsible for the voluntary observations, this report could not have been prepared in such detail.

The measurements of snow depth in the following pages refer, in general, to 09.00 G.M.T. or thereabouts.

Summary of 1958-59 Season

The season, taken as a whole, was mild and dry. Total precipitation, that is, rainfall and the rainfall equivalent of melted snow and hail,

was about 85 per cent of the 1916-1950 average over England and Wales and about 75 per cent over Scotland. Mean temperatures for the eight months showed an accumulated excess of more than 5°F. over England and Wales, where January was the only cold month, and more than 6°F. over Scotland, where both December and January were cold, the latter particularly so.

Data for ten* representative stations in Great Britain at altitudes between 400 ft. and 1,200 ft. which have been used for seasonal comparison since the Survey of 1946-47, give for the 1958-59 season a mean of 23 days with snow lying at the morning observation. This is four less than the corresponding figure for the season 1957-58 and 12 less than the average for the 12 seasons 1946-47 to 1957-58. The snowfall of the present season was more than usually concentrated in December and January. February, often one of the snowiest months, was very dry in most places. As a consequence, most stations in England and Wales and at a number of low-lying stations in Scotland, even as far north as the Orkneys, had not one day during the month with snow lying at the morning observation.

The number of days with snow falling ranged from more than 50 in the Cairngorms and 40 or more in the Shetlands and the northern parts of the Western Highlands to less than 5 in coastal districts of south Wales and along much of the coast of south and south-west England, where in a few favoured places there was no snow throughout the

season. Days with snow falling exceeded 20 over the Southern Uplands, the northern Pennines, the Peak District and the mountains of north Wales. Most high ground above about 700 ft., excluding the hills of south-west England and south-west Wales, had at least 10 days with snow falling. So too, did many lower lying areas of the Midlands and most of East Anglia.

The seasonal duration of snow cover in the mountainous regions of Great Britain is summarized in Table 1 and illustrated for a selected number of these regions in Figure 2. At lower levels there were 20 to 30 days with snow cover in the Shetlands and parts of Staffordshire. Totals of 10 to 20 days were reported from coastal areas of northern Scotland, the north-east of England including coastal districts, parts of East Anglia, much of the Midlands and the Upper Thames Valley and also, from most of Wiltshire and adjacent parts of Berkshire. Snow lay on less than 10 days in other low-lying areas and parts of the south and west coasts of Wales, while large sections of the south coast of England did not report a single occasion with snow cover at the morning observation.

While in terms of days with snow cover the winter was less severe than usual for the country as a whole, there were, by this standard, wide variations in the severity of the winter in different parts of Great Britain. For example, the Hebrides, the Orkneys, the north coast of the Scottish mainland and much of Staffordshire had two to three times their normal number of days with snow lying. In contrast, large areas including parts of the Western Highlands, the Southern Uplands and the Pennines had less than their usual number of days with snow cover, while Dartmoor, particularly favoured, had only half the usual number.

Notes on the months

September was very wet in England and Wales, but Scotland had slightly less than average rainfall. It was warm generally, but fresh north-westerly winds on the 24th and

25th brought some snow showers to the highest ground in the Grampians and a little sleet fell at 2,000 ft.

October was wet and changeable during the first part of the month becoming dry later. It was generally rather mild with sunshine totals about average. There was no snow reported over England nor over Wales. Snowfall in Scotland was largely confined to the mountains in the north, although a little snow fell near sea-level in the Orkneys and in Caithness. Cold westerly winds on the 6th and 7th brought the first sleet and snow of the winter to a number of places in northern Scotland, but no snow settled below 2,500 ft. Further light snow showers occurred in the Cairngorms, Grampians and Western Highlands on the 10th and 11th and lay for a few hours at 2,000 ft. Strong westerly winds developed over Great Britain on the 15th and veered slowly to the north, bringing more snow showers to the north and east of Scotland, mainly in the mountains, although heavy sleet showers were reported near sea-level. Snow reached a depth of 18 inches at 3,000 ft. in the Cairngorms. After a mild, mainly dry spell, cold west to north-west winds on the 30th and 31st gave slight snow showers at heights of above 2,000 ft. in the mountains of northern Scotland.

November was generally dry with temperatures above average, particularly in the north. Snowfall, usually slight in this month, was rather below average. The snowfall of late October lay for a day or two in the mountains of north Scotland, subsequently clearing except at the highest levels in the Cairngorms and on Ben Nevis where in the latter area a cover remained for the rest of the season. A few isolated snow showers occurred at 3,000 ft. and above in the Scottish mountains on the 5th and 6th and there was more widespread slight snow in the mountains of central and northern Scotland as a small wave depression crossed the Southern Uplands on the 7th. Cold northwest to north winds behind the depression spread southwards over the whole of Great Britain and there were further snow

showers in Scotland. Little snow settled below 1,500 ft., even in the north, although sleet occurred near sea-level along the northern coast and in the Orkneys and Shetlands. Snowdonia and the Yorkshire Moors had their first snow of the winter—no snow settled in Yorkshire but a thin covering persisted for a few hours at 3,000 ft. in Snowdonia. A warm front moving eastwards on the 11th was preceded by snow over high ground from the Cumbrian mountains northwards. A quick return to cold north-westerly winds on the 12th brought snow showers to most of the mountains of Scotland, the Cumbrian Mountains and the Yorkshire Pennines. Although sleet showers occurred down to about 350 ft. above sea-level in the south of this area, very little snow settled below 1,000 ft., even in the north. Milder weather reached all areas from the west by the 15th, clearing all snow lying except over the highest ground in the north. Mainly dry weather with some fog and only a little rain, mainly in the west, followed for much of the remainder of the month. However, on the 29th the anticyclone which had for some time been centred to the east of the British Isles moved westwards and very cold northerly winds spread southwards over Scotland and eastern England. Some snow, falling as showers, settled at heights above 2,000 ft. in north and north-east Scotland.

December was wet and dull with a marked sunshine deficit over England and Wales. Temperatures were slightly above average in England and Wales, and rather below average in Scotland. Snow, in terms of days with snow falling and days with snow lying, was below average over most of Great Britain except in north-east Scotland. A ridge of high pressure over England and Wales gave widespread fog in southern and central districts during the first four days of the month. Cold north-westerly winds which reached northern Scotland early on the 4th spread southwards, clearing the fog from all areas by the 5th, and brought snow showers to the Orkneys, Shetlands and the mountains of Sutherland and Inverness-shire. Milder air spread eastwards

over the country on the 6th. Snow showers were renewed in the north as cold air spread south-eastwards on the 7th and subsequently affected areas as far south as the Midlands and north Wales, where, in Snowdonia, snow lay for a short time down to 600 ft. Depressions moving east-south-eastwards on the 10th and 11th brought snow to a wide area of the north Midlands, northern England and southern Scotland, snow showers continuing further north. Snow lay to a depth of 10 in. on the morning of the 11th at South Moorhouse (750 ft.), Renfrewshire, while a number of places at 600 ft. in Lancashire and the West Riding and at 1,000 ft. in County Durham reported falls of between 4 in. and 6 in. Vigorous troughs of low pressure associated with a depression to the west of northern Scotland moved east-north-eastwards across Great Britain on the 12th and brought rain to all areas preceded by some snow over the Scottish mountains. The depression moved slowly south-eastwards across northern Ireland and secondary depressions moved eastwards across southern districts. Cold east to north-east winds were gradually established over all districts except the extreme south. There were snow showers in many eastern districts between the 13th and 18th, with a few sleet showers in the Midlands and over the highest parts of Exmoor and Dartmoor. Although no very heavy falls were reported over low ground during this period, snow accumulated to appreciable depths in parts of the Scottish mountains. Around Glen Esk in Angus there was an average depth of 2 ft. to 3 ft. of snow at 2,000 ft. with drifts to 15 ft. Warmer air spread northwards over Great Britain on the 19th preceded by heavy rain, with some snow over parts of the Grampians. There was no further snow until the 25th when troughs moving from the west brought a little snow to the higher ground in Inverness-shire, Perthshire and Stirlingshire, but none settled below 1,500 ft. Scattered snow showers developed in the cold air behind the troughs. These were mainly confined to the mountains of eastern Scotland, where some fresh snow

Table 1. Number of days with snow lying in the British mountains
(a) near summit;
(b) at about 2,500 ft.;
(c) at station level.

		Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Season
Clisham and Roneval (2,622 ft.)	a	} 0	1	20	31	12	0	6	2	72
Station: Leverburgh, Harris (25 ft.)	b									
Inverness-shire	c		0	0	13	0	0	0	0	13
Mountains round Glen Lyon (3,407 ft.)	a	3	8	26	31	23	16	17	4	128
Station: Meggernie Castle (760 ft.)	b	3	7	26	31	18	7	15	4	111
Perthshire	c	0	0	6	24	0	0	1	0	31
Cairngorms (4,296 ft.)	a	12	11	31	31	28	31	30	15	189
Station: Achnagoichan (1,000 ft.)	b	2	6	28	31	26	22	18	6	139
Inverness-shire	c	0	0	11	28	2	0	2	1	44
Ben Nevis (4,406 ft.)	a	15	30	31	31	28	31	30	31	227
Station: Corpach (30 ft.)	b	0	2	24	31	27	2	10	3	99
Inverness-shire	c	0	0	1	20	0	0	0	0	21
Snowdonia (3,560 ft.)	a	0	3	18	21	0	1	13	3	59
Station: Capel Curig (640 ft.)	b	0	1	14	20	0	0	11	0	46
Caernarvonshire	c	0	0	1	18	0	0	0	0	19
South Snowdonia (2,527 ft.)	a	0	0	2	23	0	0	3	0	28
Station: Llanfrothen (475 ft.)	b	0	0	2	23	0	0	3	0	28
Merionethshire	c	0	0	0	8	0	0	0	0	8
Brecon Beacons (2,906 ft.)	a	0	0	8	31	22	0	4	0	65
Station: Tairbull (660 ft.)	b	0	0	8	31	22	0	4	0	65
Brecknockshire	c	0	0	0	11	0	0	0	0	11
Cross Fell (2,893 ft.)	a	0	5		31	1	1	7	1	
Station: Alston (1,070 ft.)	b	0	5	*	26	1	1	3	0	
Cumberland	c	0	0		20	0	0	0	0	
Helvellyn (3,118 ft.)	a	0	4	14	25	0	2	5	0	50
Station: Patterdale (520 ft.)	b	0	2	14	20	0	2	5	0	43
Westmorland	c	0	0	0	7	0	0	0	0	7
Skells Range (2,668 ft.)	a	} 0	0	14	28	0	0	4	0	46
Station: Dalry (Forrest Lodge) (500 ft.)	b									
Kirkcudbrightshire	c		0	3	8	0	0	0	0	11

* No December observations available.

settled above 2,500 ft. Further troughs moving eastwards on the 27th and 28th were followed by a cold unstable westerly airstream which persisted in the north until the end of the month, although warm air spread back over the extreme south on the 31st. Snow showers occurred over high ground as far south as Durham on the 29th and Caernarvonshire on the 30th. Snow settled near sea-level in the north. In the south little, if any, snow settled below 2,500 ft.

January was a cold month, in a number of places the coldest since 1947, yet sunshine was above average. Precipitation was also above average in England and Wales but well below average in Scotland as a whole, though above average in the north. New Year's Day started mild in most areas, but a depression moved eastwards across Scotland during the day and cold north-westerly winds spread southwards to all areas before dawn on the 2nd. Rain associated with the depression turned to snow

in Scotland and snow showers followed, later affecting most northern counties of England, parts of north Wales and the north-west Midlands. North-westerly winds persisted for a few days and most parts of Great Britain except south-west England, south and west Wales, had further snow showers. Small depressions moving eastwards across southern England on the 5th and 6th brought periods of more continuous slight snow to central districts of England and Wales. Meanwhile snow showers persisted further north and once again spread south behind the depressions, affecting all areas by the 8th, and continued until the 11th. A depression then over Sweden turned south-westwards into the North Sea and the associated fronts moving south-westwards over Great Britain brought further snow and strong winds to many districts, followed by a renewal of cold showery weather. Appreciable snow depths had accumulated by this time, there being 12 in. lying near sea-level in Ross-shire, 14 in. at about 600 ft. in Sutherland, and 16 in. at about the same height in Nairn, with drifts of 3 ft. or 4 ft. Drifting was often severe and many roads were blocked, drifts to 8 ft. being reported at heights of about 1,400 ft. in Aberdeenshire. Further south snow depths were rather less and maximum depths occurred earlier in the month than in Scotland. Around the 11th a level fall of 4 in. was reported near sea-level in Anglesey and 10 in. at about 900 ft. in Denbighshire, with drifts of 2 ft. At the same time snow lay to a depth of 13 in. at 600 ft. in the North Riding, with drifts to 5 ft. in the hills. Drifts to depths of between 3 ft. and 4 ft. were reported from the Dunstable Downs, where level falls reached a depth of 8 in. Heaviest falls occurred around the 7th in the west and north Midlands—on this morning snow depths of 5 in. were measured at 600 ft. in Worcestershire and 9 in. at around the same elevation in Derbyshire. The north-westerly winds gradually decreased over Great Britain as troughs approached from the south-west. By the 13th snow showers were confined to the

extreme north-east although by this time a trough had moved into the western Channel bringing a little snow to Devon and Cornwall. A depression moving east-south-eastwards across the Breton Peninsula on the 15th brought snow and sleet to many parts of southern England. Falls were heavy in places, snow lying to a depth of 8 in. at 1,200 ft. over Dartmoor and 7 in. at 1,500 ft. over Exmoor. An anticyclone developed over Ireland in the early hours of the 16th and drifted slowly south-eastwards into the continent. Slight snow showers continued over north-east Scotland but elsewhere weather was fine and cold with moderate or severe frost in many central and eastern districts in the early hours of the 17th. Freshening southerly winds were followed by a trough of low pressure which, moving north-eastwards, brought rain and drizzle to most of Great Britain, with some sleet and snow over the mountains of northern Scotland. A well-marked warm front moved north-eastwards on the 18th, crossing all areas except the Shetlands, where winds freshened from the east and there was some snow. On the 20th and 21st a complex depression moved slowly eastwards across the British Isles, the snow in the Shetlands spreading slowly southwards to affect much of Scotland, northern England and north Wales, although precipitation was generally slight and confined to the east coast and the hills. Another depression near the Scillies early on the 22nd moved quickly north-eastwards and the cold air in the rear of this depression spread to all parts of the country, winds backing slowly from north-east to north-west as the depression receded. By the 23rd there were snow showers in most areas as far south as Gloucestershire, with a little snow at 1,500 ft. over Exmoor. Showers were slight over most of England and Wales, little snow settling over low ground. At higher levels falls of 3 to 4 in. were reported at about 1,000 ft. in north Wales and the Lake District. In north-east Scotland appreciable snow fell for the second time in the month, snow depths of 10 in. being reported at about

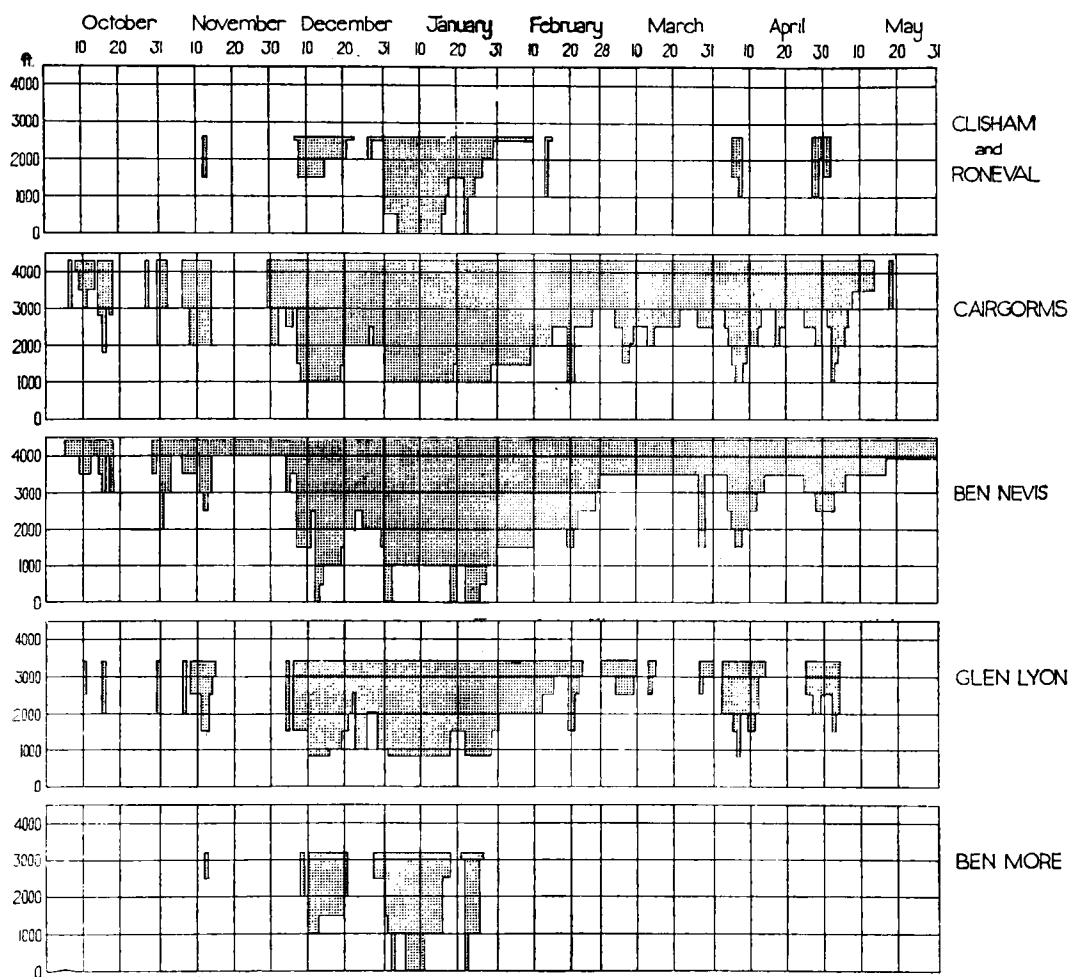


Fig. 1.—continued on next page.

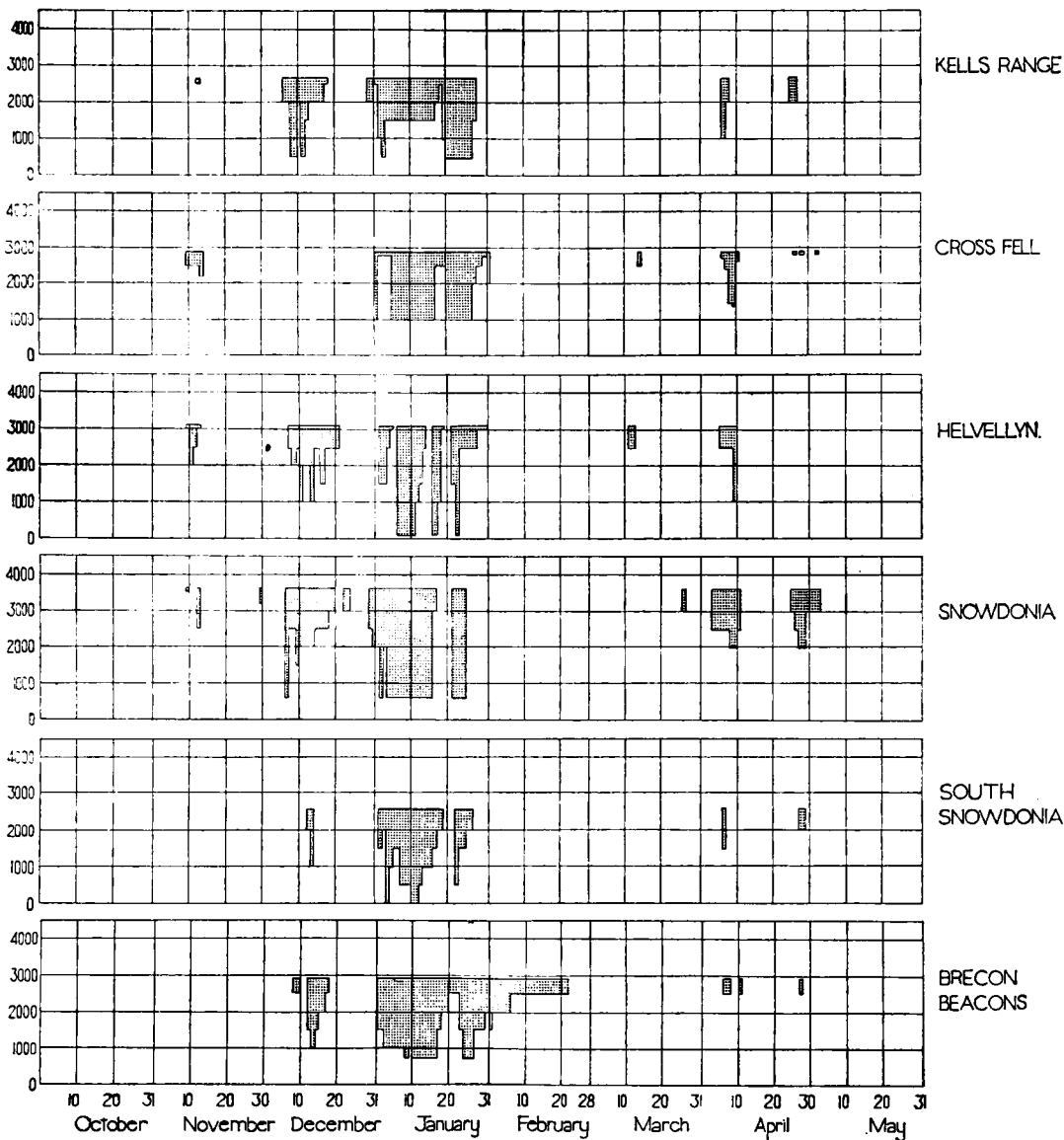


Fig 1. DISTRIBUTION OF SNOW COVER IN RELATION TO HEIGHT.

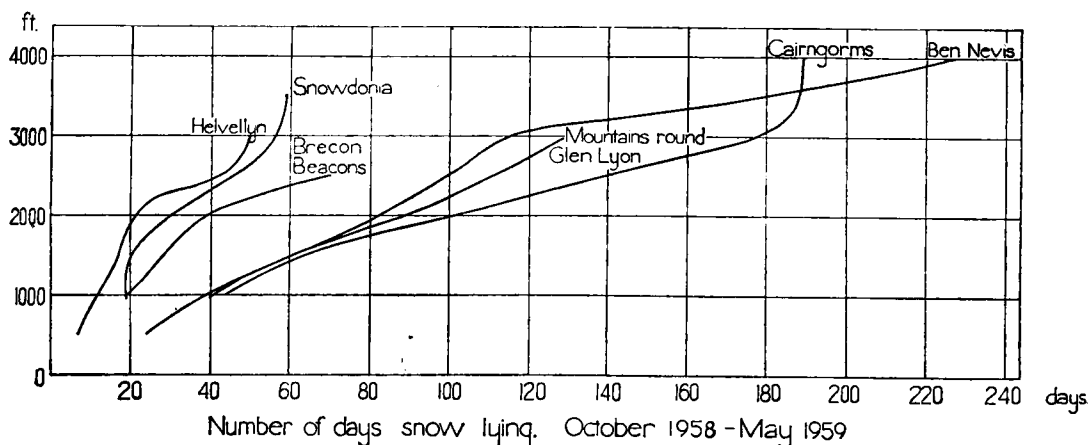


Fig 2. SEASONAL DURATION OF SNOW COVER.

500 ft. in Banffshire, Ross and Cromarty, and drifts of 2 ft. with level falls of 12 in. at about the same elevation in Nairn. Snow showers continued over Scotland and north-east England between the 24th and 26th but the area affected gradually decreased by the 27th and on the 28th showers were mainly confined to the hills of north-east Scotland. A frontal trough moving south-eastwards across the British Isles on the 29th and 30th was preceded by snow at higher levels in parts of Inverness-shire and Peeblesshire. However, amounts of snow were very small. The month closed with an anticyclone over Scotland and dry weather in all areas. Although snow was still lying above about 1,500 ft. in the mountains of Scotland and parts of north Wales, other areas were free of snow after a month in which many places experienced an unusually persistent snow cover. For example, near sea-level in Ross and Cromarty snow lay throughout the month, and near the Northumberland coast there was a continuous snow cover from the 1st to 18th and again from the 22nd to 28th. In Lancashire, at 600 ft., snow lay for 22 days, from the 3rd to 18th and the 24th to 29th. Even in the Hebrides where, near sea-level, there is an average of one day in January with snow cover, snow lay from the 5th to 16th, while over Dartmoor, ground above 1,000 ft. was snow covered from the 8th to 17th.

February was exceptionally dry, with rainfall and snowfall well below average. The cold weather of January continued into February which closed with rather mild weather, mean temperatures for the month being slightly above average. An anticyclone over Scotland on the 1st remained almost stationary for a few days and then moved slowly eastwards. Weather was generally dry over Great Britain although there were some sleet showers in south-east England and a few widely scattered snow flurries in the east Midlands on the 2nd. The south-easterly winds established as the anticyclone moved eastwards brought a few very light snow showers to the hills of south-east and central Scotland

on the 5th. Otherwise weather was dry and cold in most areas until the 9th. A weakening occlusion brought rain to western districts on the 9th and some slight rain or drizzle to central and eastern districts on the 10th with some very light intermittent snow in Stirlingshire and Perthshire. South to south-east winds persisted over the country until the 13th, with dull dry weather. A cold front, moving south-eastwards across Scotland into central districts of England and Wales followed by a wave depression moving quickly north-eastwards off our north-west seaboard, brought rain to many districts between the 14th and 16th. A major wave depression retarded the south-eastward movement of the cold front over the remainder of Great Britain, but all areas were in the cold air by late on the 20th. There were snow showers in Scotland between the 19th and 21st, mainly in Orkney, Shetland and the northern and eastern counties of the mainland. Snow settled down to about 500 ft. No heavy falls were reported and even at 1,000 ft. snow depths did not exceed 2 in. Milder south-westerly winds spread across all areas on the 22nd and persisted until the end of the month. Much of the January snow still lying at higher levels gradually dispersed with the onset of the milder weather, and by the end of the month there was very little snow lying in the mountains of England and Wales, and in the north of Scotland the snow line had receded to around 3,000 ft.

March was generally mild, rather wet in England and Wales but dry in Scotland. Like February, the month was remarkably free from snow. After a dry day on the 1st, a depression moved north-eastwards over southern England and a secondary depression moved north-eastwards off our north-western seaboard to bring rain to most areas on the 2nd and 3rd. Further rain spread north-eastwards on the 4th as a deep depression approached from the Atlantic. The depression was still west of Ireland on the 5th and there were slight snow showers over high ground in Yorkshire, northern and central

Scotland. Cold northerly winds were established over Great Britain on the 6th and 7th as the depression moved eastwards into the North Sea and brought snow showers to the Scottish mountains. A little snow settled above 1,500 ft. Very slight snow showers continued in the mountains of south and central Scotland on the 8th and 9th and were also reported at elevations above 1,000 ft. in the North Riding and Northumberland. A complex trough of low pressure moved slowly eastwards over the country on the 10th and 11th and was followed by a cold unstable, westerly airstream which brought slight snow showers to the mountain tops of north Wales, the Lake District, south and central Scotland. Further troughs moved slowly across the country between the 13th and 15th and there were very slight snow showers above about 1,500 ft. in the mountains of north and central Scotland and north-west England. An anti-cyclone developed in the cold air over the British Isles on the 16th and moved eastwards into central Europe on the 18th. The resulting cold easterly winds brought sleet and snow showers to central and eastern districts of England on the 18th and 19th, but no snow settled. After dry weather on the 20th rain reached the south-west late on the 21st and subsequently spread north-eastwards to affect all areas. A further rain belt moved across the country on the 24th and 25th and from then until the end of the month periods of rain alternated with brighter weather and scattered showers, mainly in the north. Showers were of snow at times in the mountains of Wales, northern England and Scotland. Amounts of snow were very small, however, and little snow settled below 2,500 ft. in the south and 1,000 ft. in the north.

April was wet and unsettled. The month as a whole was mild although there were distinctly cool spells, from the 5th to the 10th and from the 25th to the 30th. Slight rain or drizzle occurred in most parts of Great Britain on the 1st and in the north and west between the 2nd and 4th. Cold air which reached north-western districts late on the 4th was followed

by colder air on the 6th, cold showery weather persisting until the 10th. There were snow showers over the mountains of Scotland, north-west England and north Wales, with a few widely scattered snow showers in the Midlands on the 7th and 8th. In north Wales a little snow settled for a few hours on ground above 1,500 ft. In northern Scotland snow settled at 500 ft., but again, only for a few hours at this level. A number of places in the Scottish hills and mountains had snow showers on six successive days. Even so, while snow depths over ground below 1,500 ft. were negligible, falls accumulated at higher levels and snow lay to a depth of 12 in. in the Cairngorms, with drifts to 3 ft. Winds backed towards the south-west on the 12th and weather, although remaining unsettled, was warmer until the 15th, when winds backed to south-east as a depression moved in from the Atlantic towards France. The depression moved into central Europe by the 17th with cooler northerly winds blowing over the British Isles. Slight snow showers over the mountains of Scotland and hills of north-east England died out on the 19th as a weakening frontal system approached from the Atlantic and brought some rain to the west and north. After a few days' fine warm weather there was rain in most areas between the 24th and 26th as a trough moved eastwards over the country and a secondary depression moved north-eastwards over Ireland and Scotland. Showery weather developed in the unstable air in the circulation of this depression and persisted until the end of the month. Some of the showers were heavy and fell as snow in the mountains of Wales, northern England and Scotland, including the Hebrides. Snow was reported down to about 1,000 ft. in the north and 2,500 ft. in the south of this area.

May was dry and sunny with mean temperatures above normal. As in April there were two distinctly cool spells, from the 1st to the 5th and, particularly in the east, from the 19th to the 21st. A trough of low pressure moved south-eastwards across Great Britain on the 1st and was followed by cool west to

north-west winds for a few days, with showers in most districts and a period of more continuous rain in the south-west on the 3rd. There were snow showers over the mountains as far south as the Lake District, but there were no heavy falls and snow in the south did not settle below 3,000 ft. and then only for a few hours. In the north a little snow lay for a few hours at 1,000 ft. and persisted for 4 or 5 days at 2,000 ft. and above. By the 5th showers were confined to Scotland where by the 6th, with the advection of warm air from the west, showers had died out and there was a little drizzle. Warmer weather followed in all areas, with local thunderstorms, mainly in the west, between the 7th and 13th. From then until the 18th weather was generally fine and dry although on the 16th it was rather cool and cloudy in eastern districts. Freshening north-easterly winds on the 18th gave isolated snow showers over the mountains of eastern Scotland and a little snow settled above 3,000 ft. This was the last snow of the month but the month closed with snow still lying at 4,000 ft. on Ben Nevis and with large patches 3ft. to 4 ft. deep at the same height in the Cairngorms. A later report from the latter area indicated that after a light snow shower on 1st June the old snow soon disappeared and there was not sufficient snow anywhere for ski-ing. This was unusual; in the previous year ski-ing was possible until 7th July.

Duration of snow cover on the British mountains

Diagrams showing the distribution of snow cover relative to height for 11 areas in the British mountains are given in Fig. 1. They are based very largely upon the reports received from the relevant stations given in Table 1, in which the heights quoted for the various mountain ranges are those of the highest peaks visible from the observing stations. On a small number of occasions it was found necessary to supplement these reports with those from other stations in the same area, although it has not been possible to include the names of these additional stations in the table.

Summary of 1959-60 Season

The season as a whole was mild, mean temperatures over the nine months September 1959 to May 1960 showing an accumulated excess of about 7°C. (13°F.), both in England and Wales and in Scotland. February and March were the only months with below average temperatures in England and Wales and then the deficits were small, the means for both months being within 3°C. (5°F.) of the average. In Scotland mean temperature for January, as well as for February and March, was below the average, but February was the only really cold month with a temperature deficit of about 2°C. (4°F.). The total precipitation for the season—rainfall plus rainfall equivalent of melted snow and hail—showed an excess in England and Wales and a deficit in Scotland, but in neither case was the difference from average more than 5 per cent.

Data for ten* representative stations in Great Britain at altitudes between 400 and 1,200 ft., which have been used for seasonal comparisons since the Survey of 1946-47, give for the 1959-60 season a mean of 23 days with snow lying at the morning observation. This is the same as the previous season and 9 days less than the average for the 13 seasons 1946-47 to 1958-59. During the first four months of this season there was less snow than usual in most areas, December being almost free of snow, although snowfall was more frequent and persisted longer than usual during January and February. Much of the snow lying was cleared by the abnormally mild weather in late February and early March; subsequent snowfall was generally below average.

At altitudes of about 1,000 ft. snow *fell* on more than 50 days in the Cairngorms and Moorfoot Hills, on more than 40 days in the north-west Highlands, the Lowther Hills, the northern Pennines and the Lake District, and on more than 30 days at Lake Vyrnwy and the Cambrian Mountains, while stations at slightly lower levels, the Yorkshire Wolds, the Cotswolds and the Chiltern Hills had snow on

20 days or more. At heights from sea level to about 300 ft., 40 days snowfall occurred in the Orkneys and Shetlands and along parts of the northern coast of the Scottish mainland, 20 days or more were reported from the Outer Hebrides, the coastal areas of Aberdeenshire and Kincardineshire, the Lincoln Marsh and inland in northern East Anglia. Ten days with snow falling was recorded at Guernsey (twice the average number) which was one more day than in most parts of Anglesey and the London area.

The seasonal duration of snow cover in the mountainous regions of Great Britain is summarized in Table 1 and illustrated for a selected number of regions in Fig. 2. At lower levels there were 20 to 30 mornings with snow cover in the Shetlands, in coastal areas of Caithness, the southern coast of the Moray Firth, over most of the N. Yorkshire Moors and in small areas around Birmingham and Church Stretton. Ground was snow covered on 10 to 20 mornings in the Hebrides, the western slopes of the mountain ranges from the north-west Highlands to the Peak District, over much of the Cambrian Range, over Lincolnshire and Norfolk, the hills of the Midlands, Wiltshire and Berkshire, the North and South Downs and over Dartmoor. There were less than 10 mornings with snow cover in western coastal districts, along much of the eastern coast of England and over most of southern England excluding the higher ground. Small sections of the south coast of England to the west of St. Albans Head, and most of the Cornish Coast did not report a single morning with snow cover.

The winter, judged by the number of mornings with snow lying around 9 a.m., was of less than average severity for Great Britain as a whole, but, nevertheless, certain restricted areas had more snow cover than usual. Coastal areas of the Outer Hebrides had two or three times the usual number of mornings; other widely separated areas with more than average snow cover included the Orkneys and Shetlands and the south coast of England east of Hayling Island.

Notes on the months

September was predominantly anticyclonic, except for a day or two around the 20th. The month was notable for high day temperatures, abundant sunshine, very low rainfall and the absence of snow; snow, however, was often reported towards the end of the month in mountainous northern regions.

A warm southerly airstream covered Great Britain for most of the first half of *October*. A vigorous depression moving from the Scillies to the Wash on the night of the 17th/18th brought rain and the first snow of the season to the higher ground. On the morning of the 18th there were light coverings down to 3,000 ft. on Ben Nevis and the peaks of the Cairngorms. The depression was followed by strong westerly winds in all areas which carried troughs quickly eastwards across the country; on the morning of the 19th ground was snow covered down to 3,000 ft. in Perthshire and down to 2,000 ft. in Merionethshire, and between the 24th and 28th further light snow showers fell in Scotland and in the Welsh mountains. In the north there was snow down to sea level, but none was reported in southern Scotland below 500 ft. Although falls were generally light there was some drifting in the strong northerly winds which followed the passage of a vigorous depression across northern Scotland on the night of the 26th/27th. These winds, however, were replaced the following day by milder westerlies which completely cleared the snow, even from the higher peaks.

November weather was generally cyclonic in character. A series of troughs, associated with depressions to the north of Scotland, moved eastwards across all districts during the first week. Light snow showers fell in the Orkneys and northern counties of Scotland around the 3rd, but little settled on ground below 3,000 ft. "The snow line" soon retreated to 4,000 ft., and at this height Ben Nevis remained snow covered for the remainder of the season. On the 8th and 9th a period of heavy rain and strong winds, associated with a depression moving

eastwards near Iceland, was followed by cold westerly winds. The rain turned to snow over most of the high ground in Scotland, and snow showers soon followed in other areas. Between the 9th and 13th much of southern England was affected; Dartmoor had its first snow of the season on the 11th, which settled for a few hours at heights above 1,500 ft. Further north, there was snow cover, in places, lasting for two or three days, at altitudes of about 1,000 ft. in Central Wales, at about 500 ft. in the Pennines and Southern Uplands and near sea level in northern Scotland. Most stations between 500 and 1,000 ft. reported falls of up to 3 in., but there were heavy falls locally, particularly in the Peak District and Yorkshire Pennines. On the 10th a level fall of 15 in. was reported at Saddleworth Moor, while a number of roads in Derbyshire, including the Glossop-Sheffield road at Snake Pass, were blocked. Drifts 15 ft. deep were reported in the hills of Angus. A depression moved north from the Bay of Biscay on the 17th bringing rain to southern England. As the rain spread northwards it was preceded by slight snow on the 18th over the Yorkshire Wolds and in places over the mountains of eastern Scotland, and ground above 1,500 ft. became snow covered for a few hours. A complex depression gave occasional rain or showers over most of the country on the 28th and 29th. The showers were of snow at the highest levels of Snowdonia, where ground was lightly covered on the 27th, and again on the 30th; on the latter date fresh snowfalls occurred at a number of places in eastern Scotland, Northumberland and Durham, but it did not settle below 1,500 ft.

During the first four days of *December* a series of depressions and vigorous troughs moved north or north-east across the British Isles, accompanied by rain belts which were preceded by slight snow over high ground in Scotland and northern England. There were snow showers over higher ground in Scotland between the 3rd and the 5th, but falls were generally slight and little snow settled below 700 ft. However, parts of Stirlingshire had

as much as 4 in. at about this altitude on the 4th. An Atlantic depression deepened moving quickly to the Bay of Biscay on the 6th and then more slowly to the Irish Sea. Another depression followed a similar track some three days later and east to south-east winds were maintained over the British Isles until the 13th. Temperatures fell progressively, but remained high enough to limit snowfall mostly to the mountains of eastern Scotland and northern England; there were scattered snow showers in Snowdonia on the 10th. Weather was generally very unsettled during the second half of December, major depressions approaching the country from the Atlantic on the 17th, 23rd, 26th and 29th; all became slow-moving and filled up in the vicinity of northern Scotland. A breakthrough of colder air on the 18th brought snow showers to the higher ground in Scotland; a little snow settled but none below 1,000 ft. On the 23rd a few snow showers fell as far south as Exmoor. Further snow showers occurred in Scotland and northern England in outbreaks of polar air on the 26th and 29th, but, as previously, the showers were mainly slight and confined to the higher ground. Fig. 2 shows that snow did not lie for long except at the highest altitudes in the north.

In terms of the number of mornings with snow lying, December's snow was considerably below average. Most observers in Wales co-operating in this Survey, and those in England south of 54°N, went through the month without reporting snow lying at a single morning observation, while those further north, who would normally at this time of year be expected to report snow lying on about 10 mornings, in most cases had less than two such occasions to report.

In *January* troughs of low pressure moved quickly north-east and later south-east across the country during the first five days. On the 5th an anticyclone developed to the south-west of Iceland and cold west to north-west winds spread to all districts, bringing snow showers to the Southern Uplands and the Cheviots. The anticyclone moved north-east

Table 1.—Number of days with snow lying in the British mountains
 (a) near summit;
 (b) at about 2,500 ft.;
 (c) at station level.

		Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Season
Clisham and Roneval (2,622 ft.)	a	0	5	2	14	18	4	1	0	44
Station: Leverburgh, Harris (25 ft.)	b		0	0	3	10	0	1	0	14
Inverness-shire	c		0	0	3	10	0	1	0	14
Mountains round Glen Lyon (3,407 ft.)	a	6	15	31	31	28	31	9	0	151
Station: Meggernie Castle (760 ft.)	b	5	13	31	29	28	19	5	0	130
Perthshire	c	0	3	1	9	16	1	0	0	30
Cairngorms (4,296 ft.)	a	9	16	29	27	27	24	22	14	168
Station: Achnagoichan (1,000 ft.)	b	6	9	29	27	27	23	10	1	132
Inverness-shire	c	0	1	1	10	17	2	0	0	31
Ben Nevis (4,406 ft.)	a	9	28	31	31	29	31	30	31	220
Station: Corpach (30 ft.)	b	3	21	31	31	29	31	24	0	170
Inverness-shire	c	0	2	1	4	17	0	0	0	24
Ben More (3,170 ft.)	a	0	12	0	11	24	1	0	0	48
Station: Rhuvaal (42 ft.)	b	0	12	0	11	24	1	0	0	48
Argyllshire	c	0	0	0	0	6	0	0	0	6
Snowdonia (3,560 ft.)	a	2	2	25	21	29	14	5	0	117
Station: Capel Curig (640 ft.)	b	1	7	4	8	20	2	0	0	42
Caernarvonshire	c	0	0	0	3	2	0	0	0	5
South Snowdonia (2,527 ft.)	a	1	4	3	8	14	1	0	0	31
Station: Llanfrothen (475 ft.)	b	1	4	3	8	14	1	0	0	31
Merionethshire	c	0	0	0	1	6	0	0	0	7
Brecon Beacons (2,906 ft.)	a	3	4	9	22	19	31	2	0	90
Station: Tairbull (660 ft.)	b	3	4	9	22	19	31	2	0	90
Brecknockshire	c	0	0	0	1	4	0	0	0	5
Cross Fell (2,893 ft.)	a	1	5	8	15	18	31	1	0	79
Station: Alston (1,070 ft.)	b	1	5	8	15	18	31	0	0	78
Cumberland	c	0	4	0	11	11	1	0	0	27
Helvellyn (3,118 ft.)	a	0	7	11	13	15	2	0	0	48
Station: Patterdale (520 ft.)	b	0	7	7	13	15	2	0	0	44
Westmorland	c	0	0	0	2	2	0	0	0	14
Skells Range (2,668 ft.)	a	0	6	3	13	16	2	1	0	41
Station: Dalry (Forrest Lodge) (500 ft.)	b		2	1	6	14	1	0	0	24
Kirkcudbrightshire	c		2	1	6	14	1	0	0	24

becoming centred over Scandinavia by the 9th. Cold easterly winds brought snow showers over a wide area from Perthshire in the north to Somerset in the south. Winds remained between east and north for a day or two and showers became heavier and more general over England and the south-eastern counties of Wales on the 10th and 11th, snow accumulating to a depth of 5 to 6 in. in Kent

and Sussex. A depression moving southwards from Scotland to the English Channel brought a period of continuous snow to central and southern districts on the 12th and 13th. On the morning of the 14th most of the country was snow covered, snowfalls at low levels ranging up to 4 in. There were further snow showers during the next day or two, except in the extreme west, while troughs

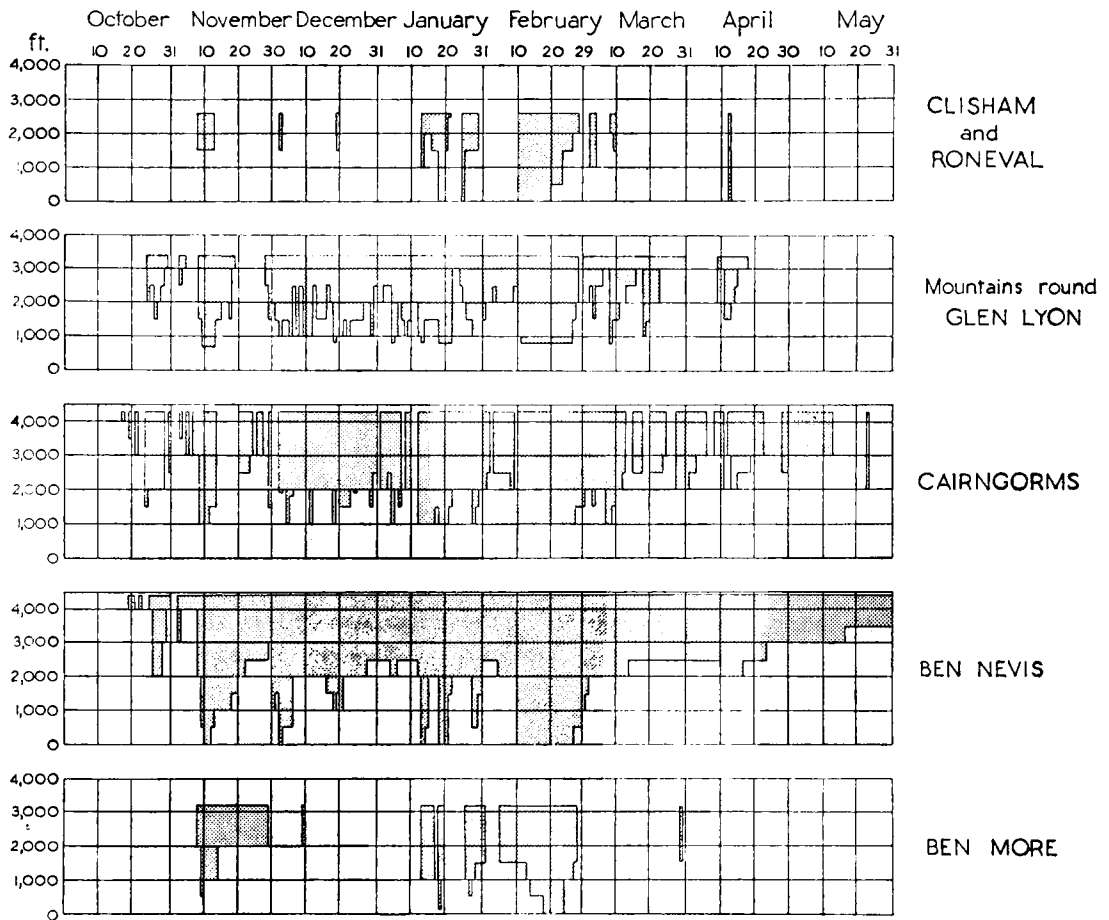


Fig. 1.—continued on next page.

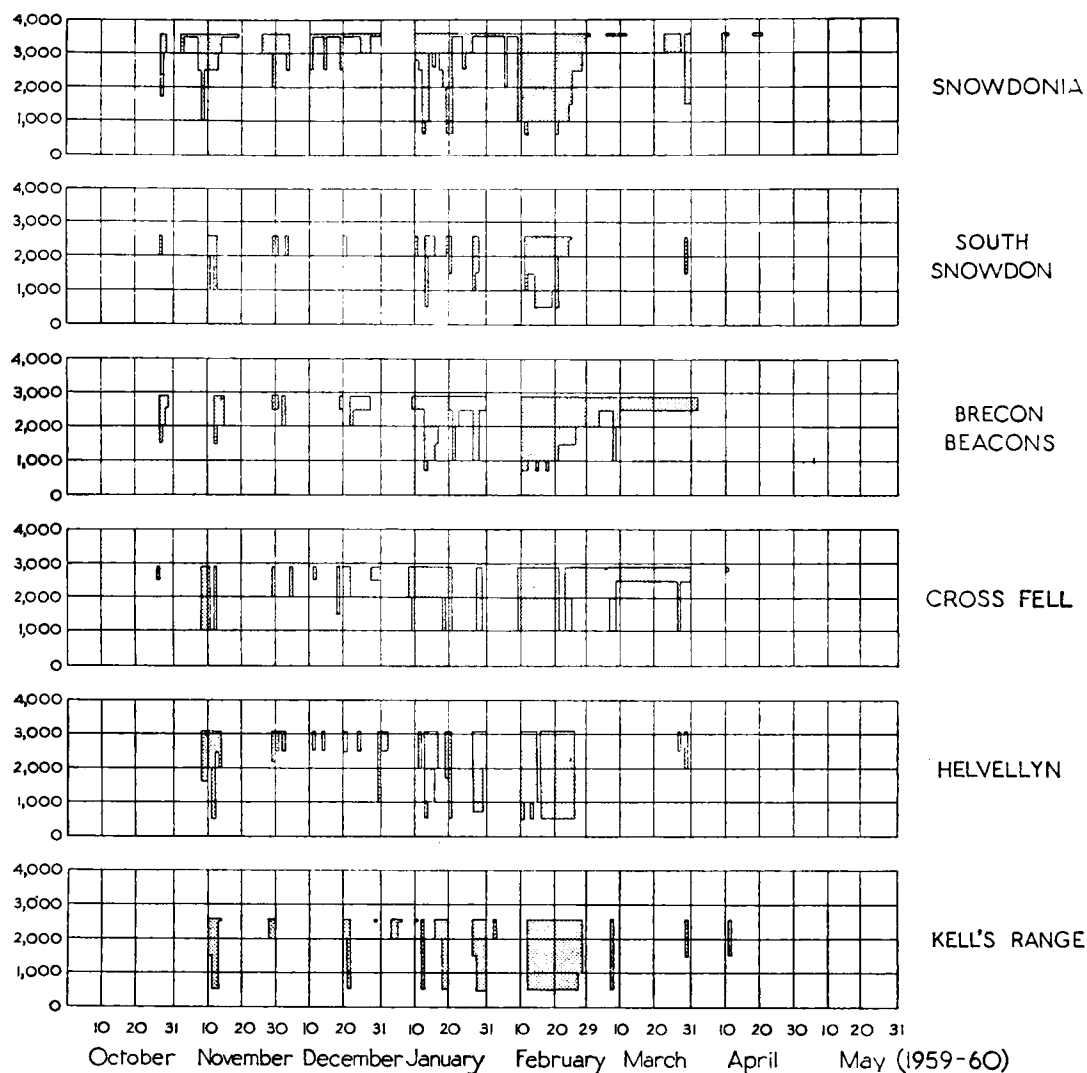


Fig 1. DISTRIBUTION OF SNOW COVER IN RELATION TO HEIGHT

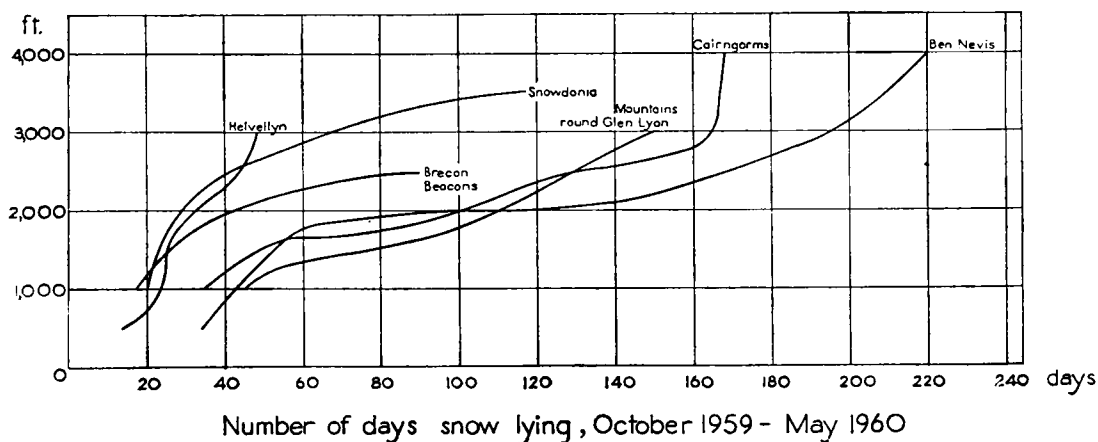


Fig2. SEASONAL DURATION OF SNOW COVER

of low pressure moving south-westwards gave heavy snow in south and south-east England; level falls of 10 in. were reported from Wiltshire and Gloucestershire and of 12 in. along parts of the Sussex coast. Depressions moving quickly eastwards over Scotland on the 18th and 19th brought heavy falls of snow as far south as the Scottish border, 20 in. and more with drifts of 3 to 4 ft. were reported at heights of about 500 ft. in Ross and Cromarty and of 10 in. in other parts of northern Scotland. Snow depths in parts of eastern Scotland, particularly the south, were increased by further showers in the northwesterly airstream behind the depressions on the 20th, and by a period of continuous snow preceding a warm front on the 21st, heavy drifting occurred in the strong southeasterly winds ahead of the front, on the Lammermuir Hills drifts were 5 ft. deep. This front gave heavy snowfall in parts of northern England as well; in Westmorland falls of 6 in. over low ground were recorded, but a rapid thaw later in the day gave rise to local floods. The progress eastwards of a cold front across the British Isles was retarded for a time by the development of small wave depressions which gave widespread heavy rain on the 23rd and 24th and some light snow over the mountains of Harris and Argyllshire on the 25th and 26th, and over Lancashire on the 27th. On the 27th, too, a warm front moving north-eastwards from the Bay of Biscay, gave prolonged rain over a wide area, which was preceded by a period of snow over the mountains of south and central Wales and the southern Pennines where, in the Peak District level falls of 6 in. at altitudes between 500 and 800 ft. were the heaviest of the month. Meanwhile snow showers continued in Scotland, mainly over the mountains, and spread southwards on the 29th to parts of east and north-east England. Snow over the Welsh mountains the same day was associated with a warm front advancing from the south-west; this snow subsequently spread to the mountainous regions of northern England where falls of 7 to 8 inches at heights of around

800 ft. in the Yorkshire Pennines were the heaviest of the month in this region.

Most parts of Great Britain had more than their average number of days with snow falling during January, twice the average being exceeded over much of the Midlands, eastern England, East Anglia, parts of south-west Scotland and the northern coasts of Caithness and Sutherland. Stornoway and Jersey had three times their average number of days. The snow showed more than average persistence in many places, the eastern half of England from the Wash to the south coast having between two and five times the usual number of mornings with snow lying.

February began with south-west to west winds, but these became light and variable on the 6th as an anticyclone developed over Iceland. The anticyclone moved westwards into the Atlantic on the 9th and the following day arctic air spread to all parts of the British Isles. A few light snow showers had fallen on the highest ground in the north on the 4th, but the first real snow of the month came on the 10th with the arrival of the arctic airstream. Winds veered steadily from north to north-east during the next three days bringing snow showers to all districts, and there were periods of more continuous snow on the 11th and 12th in Wales and southern England. Winds backed to the west ahead of a belt of sleet and snow on the 14th and the next day the movement of a depression off north-east Scotland south-westwards over the country, marked the development of a complex low pressure system over the British Isles which lasted about four days. There were further falls of sleet and snow in most districts except the south east and the coastal areas of south-west England where precipitation was of rain or hail. South-westerly winds were re-established over southern England on the 20th, and on the 22nd a trough of low pressure lying along the English Channel gave rain in the south, but snow showers continued over most high ground in the north, and down to sea level in the extreme north. Southerly gales developed on the 24th, and a complex series

of fronts moving eastwards from the Atlantic brought rain and a general thaw to all districts; the mild wet weather lasted until the end of the month.

Snow was more frequent than usual during February, it fell on three times the normal number of days in many coastal areas from central Wales northwards, and on twice the usual number of days in the Orkneys, Shetlands and eastern coastal districts of Scotland as far south as the Firth of Forth. In contrast, coastal areas in Kent had rather less than their average number of days with snow. Snow lay longer than usual in widely dispersed areas, including the Cairngorms, the Pennines, the Midlands, the Cambrian mountains and Dartmoor—in the last two areas there were twice the usual number of mornings with snow lying.

The period from the 10th to about the 20th of February was the severest part of the winter over most of the British Isles. In the Midlands and the south snow was at its deepest early in this period (usually between the 11th and 15th). Level falls of 2 to 4 in. were common and 7 in. was measured in Nottinghamshire on the 12th at a height of 565 ft. above M.S.L. Roads in Staffordshire, Derbyshire, Cheshire and the West Riding of Yorkshire were blocked by drifts up to 7 ft. deep on the 11th and again on the 14th. On Exmoor snow accumulated to a maximum depth rather later; at Dunkery Beacon 10 to 14 in. of level snow was measured on the 17th. In Scotland, northern England and North Wales the greatest depths of accumulated snow occurred usually between the 18th and 21st. On the 19th level snow lay to a depth of 21 in. at Langdale (400 ft.), Westmorland, while on the 21st it lay to a similar depth in Banffshire. A number of stations in Ross and Cromarty, Inverness-shire, Northumberland, Cumberland and the North Riding of Yorkshire, all at altitudes of less than 1,000 ft., reported level falls exceeding 12 in. Heavy drifting, well before maximum snow depths were attained, caused serious traffic dislocation. Many main roads in Scotland, includ-

ing that from Inverness to Aberdeen were impassable on the 14th, while later in the month, on the 17th and 18th, drifts 10 ft. deep were reported in East Lothian and 5 ft. deep in Ross and Cromarty—both at altitudes well below 800 ft.

The mild southerly winds of late February continued into *March* giving rain in most districts during the first two days of the month, but cold north-westerlies spread to most areas on the 3rd bringing snow showers to the western Highlands and Grampians, but snow settled only at heights above 1,500 ft. An intensifying ridge of high pressure moved eastwards across the British Isles on the 4th, merging with an anticyclone over Scandinavia the next day. High pressure persisted over the continent for the remainder of the month maintaining cool easterly winds over the British Isles during most of the period except for a spell of milder southerly winds between the 10th and 15th. Temperatures fell progressively, snow showers reaching eastern districts of Scotland on the 7th, and most areas except the extreme west of Wales and south-west England the following day. The snow showers continued in northern England and Scotland on the 9th but a belt of rain preceded by snow moved slowly northwards over the southern part of the country. This belt of rain and snow crossed northern districts on the 10th. Snowfall from 7th to 10th was quite small in amount in southern England except over Dartmoor and Exmoor where it lay up to 2 in. deep for a few hours at altitudes over 1,200 ft. Snow was a little heavier in the north but, even so, the heaviest falls reported to the Survey did not exceed 3 in. These were in Angus and Perthshire. The next week was practically snow-free but on the 17th when, with the re-establishment of cold easterly winds, there were scattered showers over the higher ground in Scotland. These showers continued for another two days, but on the 20th weather became mild and sunny in most places away from the east coast as drier air spread from the south-east. On the 26th, however, winds again backed towards

the north-east with an appreciable fall of temperature and snow showers returned to the north Midlands and to most parts of northern England and south-east Scotland. Although the showers continued until the end of the month, very little snow settled below 1,000 ft., and even at greater altitudes any cover was short-lived. On the night of the 28th/29th a belt of heavy rain was preceded by snow over Dartmoor and Exmoor where for a time ground above 1,000 ft. was covered to a depth of 4 in.

The number of days with snow falling was below average in most parts of Great Britain during March, eastern and southern coastal areas in particular having rather less than half the usual number of days. The number of days with snow lying was also well below the average, large areas of south-east England, the east Midlands and north-west Scotland not reporting one morning with snow lying during the month. The north-west Highlands and the Grampians had less than half the normal number of days.

Winds were mainly south-westerly during the first half of *April*, but north-westerly on the 10th and 11th and again on the 13th and 14th in the rear of depressions moving across the British Isles. These winds brought slight snow showers to the mountains of Scotland, northern England and north Wales on the 10th and 11th and sleet as far south as the Cotswolds and Mendips. Further snow showers were reported between the 13th and 15th mainly over the Scottish mountains and the western slopes of the Pennines. Winds became light and variable on the 15th as pressure rose over Ireland and a belt of high pressure became established from the Azores to Scandinavia. On the 20th pressure fell over Scandinavia and an anticyclone became centred over the British Isles until the end of the month. There was little snow during the second half of the month although rain belts moving across Scotland on the 20th and 29th were preceded by light snow over the highest ground.

Snow fell on rather less than the average

number of days during April except in the Shetlands where the number of days with snow was about average. At most stations snow did not lay more than a few hours.

May opened with an anticyclone to the north-west of Scotland; associated north-easterly winds brought snow showers to the mountains of Scotland in the north and east, thin coverings of snow persisting for a few hours at altitudes above 1,000 ft. Sleet and snow showers were also reported from the Shetlands. Snowfall during the month was limited to two days, the second occasion being on the 24th during a spell of unsettled weather where there were slight showers on ground above 1,500 ft. in Ross-shire, Inverness-shire and Argyllshire. At the end of the month snow cover still persisted above 3,500 ft. on Ben Nevis and there were still patches on the north facing slopes of the Cairngorms.

Isolated reports from the Cairngorms told of pockets of snow in sheltered areas between 3,200 ft. and 3,800 ft. towards the end of June and a fresh fall in the mountains on June 30th brought light general cover down to 3,900 ft.

Snow patches at heights above 4,000 ft. persisted until the end of July.

Duration of snow cover on British mountains

Diagrams showing the distribution of snow cover relative to height for 11 areas in the British mountains are given in Fig. 1. They are based very largely upon reports received from the relevant stations given in Table 1, in which the heights are quoted for the various mountain ranges are those of the highest peaks visible from the observing stations. On a small number of occasions it was found necessary to supplement these reports with those from other stations in the same area, although it has not been possible to include the names of these additional stations in the table.

* These stations are Dalwhinnie, Braemar, Penicuik, Eskdalemuir, Huddersfield (Oakes), Buxton, Dunstable, Little Rissington, Princetown and Llandrindod Wells. Penicuik, Dunstable and Llandrindod Wells are replacements for West Linton, Whipsnade and Rhayader respectively, the three stations used until season 1954-55.