

DEPARTMENT OF TRANSPORT AND POWER
METEOROLOGICAL SERVICE



**AVERAGES OF RAINFALL FOR STATIONS IN IRELAND
1916 - 1950**

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E R R A T U M

Data for average rainfall for Ahascragh (Clonbrock) should appear in Table II and not in Table I.

1916-1950

Summary:

The standard period for rainfall averages for Ireland has hitherto been the 35 year period 1881-1915. This publication contains monthly and annual averages for the succeeding 35 year period, 1916 to 1950.

The data given are as follows:-

Table I Monthly and annual averages of rainfall amount, 1916-1950, for stations with homogeneous records for the full 35 year period.

Table II Monthly and annual averages of rainfall amount, 1916-1950, for stations with incomplete records, adjusted by reference to data from neighbouring stations.

Table III A comparison of averages for the two periods 1881-1915 and 1916-1950 for selected stations.

In all tables the term "rainfall" includes all forms of precipitation measured as the equivalent amount of rain. It is measured as the depth to which a flat impermeable surface would be covered if there were no evaporation or run-off. All values are given in millimetres, in conformity with international requirements.

NOTES ON THE TABLES

The averages in Table I are for stations which have conformed to the standards of the Meteorological Service, and at which there has been no pronounced change of site. Such standardisation is difficult to achieve over such a long period as 35 years especially since measurement of rainfall in Ireland has been mainly on a voluntary basis until comparatively recently. Many records had to be rejected because, although careful records had been kept throughout the full period, the gauge had an unsatisfactory exposure, or the site had been altered.

Table II contains averages for stations with records which do not extend over the full 35 year period, and for full term stations at which changes of site were considered to have affected the homogeneity of the record. The averages have been computed with reference to data from neighbouring stations. At a few stations where changes of site occurred gauges were maintained on the old and new sites for comparison purposes and the averages have been adjusted with reference to these comparisons.

Specimen comparisons of averages for the periods 1881-1915 and 1916-1950 for selected stations are given in Table III. With one exception the averages for the later period are higher. However, the amount of data available for the earlier series was insufficient for a thorough check on individual records, and in most cases information as to equipment and observing procedure in the early part of the period 1881-1915 is lacking.

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TABLE I

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude		Longitude		Height Above H.S.L. ft.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	(N)		(W)															
CO. CARLOW																		
Bagenalstown (Fenagh House)	52	42	6	51	339	102.1	68.4	65.4	51.2	63.4	57.7	76.7	84.1	75.1	88.0	92.1	91.9	916.1
CO. CORK																		
Cork (University College)	51	54	8	29	49	124.2	90.7	83.1	65.5	72.9	51.1	74.2	77.7	74.7	99.6	115.1	118.4	1047.2
Midleton (Ballinacurra)	51	54	8	10	16	105.4	78.1	76.4	59.9	67.2	51.1	73.6	81.6	73.3	93.2	101.3	99.2	960.3
Shangarry (Kinoith)	51	52	8	02	72	100.8	72.6	71.4	55.1	62.2	49.3	69.1	76.5	68.8	85.3	96.3	95.8	903.2
CO. DUBLIN																		
Dublin (Phoenix Park)	53	22	6	21	154	68.5	55.6	51.1	47.3	59.3	49.4	72.0	75.6	70.1	69.2	67.3	67.1	752.5
Hawth (The Castle)	53	23	6	05	27	71.4	52.1	50.8	45.0	57.4	30.5	68.1	74.7	68.3	68.1	67.1	72.1	745.6
Skerries (Milverton Hall)	53	34	6	09	202	72.4	52.1	48.5	45.2	55.9	49.5	71.4	74.2	69.1	72.6	70.4	73.2	754.5
CO. GALWAY																		
Ahasragh (Clonbrock)	53	24	8	23	182	111.0	73.2	68.8	59.2	66.8	70.1	106.7	96.0	98.0	108.7	105.7	113.0	1077.2
CO. KERRY																		
Valentia Observatory	51	56	10	15	29	170.8	114.8	97.1	77.7	85.8	79.0	105.0	112.2	112.4	144.3	153.4	161.1	1413.6
CO. KILKENNY																		
Castlecomer (Castlecomer Ho.)	52	48	7	12	379	108.4	77.0	74.6	62.4	71.5	68.6	89.2	98.5	87.5	94.8	96.5	104.5	1033.5
CO. LONGFORD																		
Ballymahon (Newcastle)	53	34	7	43	192	96.8	70.1	59.4	58.2	64.3	68.8	93.2	95.5	92.5	95.5	89.1	93.0	976.4
Newtownforbes (Castleforbes)	53	46	7	52	146	102.5	72.2	62.2	57.9	70.9	65.2	89.5	95.5	94.6	97.9	97.2	97.5	1003.1
CO. LOUTH																		
Ardee (Lisrenny)	53	54	6	32	67	87.1	61.5	57.4	52.8	60.2	59.2	82.0	83.8	80.3	83.8	77.5	84.8	870.4
Greenore	54	02	6	08	12	91.9	64.8	59.9	51.6	62.5	61.2	79.5	85.9	80.3	88.6	83.8	93.7	903.7
CO. MAYO																		
Leenane (Delphi Lodge)	53	38	9	45	97	297.9	192.8	168.9	150.4	152.9	163.8	207.5	233.2	247.9	276.4	281.9	300.0	2673.6
Westport (Westport Ho.)	53	48	9	32	27	148.6	95.3	80.0	72.9	73.9	67.8	92.2	107.7	111.0	132.1	146.3	148.1	1275.9

TABLE I (Contd.)

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude		Longitude		Height Above M.S.L. ft.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	(N)	'	(W)	'														
<u>CO. ROSCOMMON</u>																		
Strokestown (Castlenode)	53	46	8	05	152	101.4	70.6	62.0	57.2	69.3	66.0	83.3	89.7	87.6	95.0	93.2	100.1	975.4
<u>CO. WILTSHIRE</u>																		
Cashel (Ballinamona)	52	31	7	56	254	104.1	72.9	63.2	57.7	69.1	59.9	83.3	65.6	74.4	87.4	93.2	100.1	990.9
Killaloe (Ballina)	52	49	8	27	118	132.1	99.8	71.9	71.9	76.2	71.9	98.5	104.1	105.9	126.0	122.2	134.1	1214.6
<u>CO. WATERFORD</u>																		
Garrick-on-Suir (Seskin)	52	20	7	26	534	136.3	96.0	87.3	67.4	76.8	63.1	82.4	89.6	84.3	105.6	120.3	122.1	1131.2
<u>CO. WESTMEATH</u>																		
Athlone (Twyford)	53	26	7	50	186	98.3	73.2	62.0	57.9	69.9	70.4	89.4	94.7	93.5	95.5	90.4	94.0	989.2
Castlepollard (Pakenham Hall)	53	41	7	20	297	92.7	66.8	61.5	60.5	66.0	69.1	94.2	98.8	90.9	95.5	89.4	93.0	979.4
Mullingar (Belvedere Ho.)	53	29	7	22	359	100.6	75.7	59.7	60.7	68.8	71.9	96.5	96.8	91.2	99.8	90.2	98.3	1010.2
<u>CO. WEXFORD</u>																		
Foulksmills (Longraigue)	52	19	6	46	212	124.0	83.3	76.2	60.2	71.1	66.6	81.5	87.9	87.1	106.9	108.5	111.0	1064.3
<u>CO. WICKLOW</u>																		
Rathnew (Clonmannon)	53	01	6	04	19	102.1	68.6	67.8	52.1	64.8	49.5	69.9	72.4	73.4	86.1	97.3	97.3	901.3

TABLE II

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude		Longitude		Height	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	(N)	'	(W)	'	Above M.S.L. ft.													
<u>CO. CARLOW</u>																		
Glynn (Garda Stn.)	52	30	6	54	157	120.4	80.2	76.2	60.2	71.9	66.6	84.6	91.9	86.6	102.6	106.7	109.0	1056.9
Tullow (Mount St. Joseph's)	52	47	6	44	252	93.5	62.5	59.2	46.7	57.7	50.8	71.6	76.7	68.3	79.3	83.3	84.3	833.9
<u>CO. CAVAN</u>																		
Eiturbet (Voc. School)	54	06	7	27	222	97.5	68.6	61.0	58.9	62.7	65.8	85.1	92.7	87.9	94.8	93.7	96.8	966.5
Shercock (Garda Stn.)	54	00	6	54	352	98.6	69.4	61.5	58.4	68.3	67.3	87.6	93.5	91.7	95.5	87.6	95.5	974.9
<u>CO. CLARE</u>																		
Crusheen (Garda Stn.)	52	56	8	54	105	119.9	87.9	65.5	63.2	66.8	65.5	103.4	96.8	100.1	111.0	110.0	121.2	1111.3
Ennis (Garda Stn.)	52	51	8	59	13	121.7	92.2	66.5	62.0	67.6	66.5	100.1	99.1	98.0	114.8	113.5	123.7	1125.7
Ennis (Gortnaganniv)	52	49	9	05	212	130.0	95.0	71.1	68.6	72.1	71.1	111.8	104.7	108.2	120.4	119.1	131.1	1203.2
Feakle (Garda Stn.)	52	56	8	39	312	144.3	108.5	78.2	78.0	83.3	78.0	107.2	113.8	115.0	137.7	133.6	145.5	1323.1
Miltown-Malbay (Garda Stn.)	52	52	9	24	172	125.7	89.7	68.8	64.0	65.3	68.8	109.5	103.6	105.9	113.0	120.2	130.6	1165.1
Shannon Airport	52	41	8	55	8	100.3	76.2	54.9	51.1	55.8	54.9	82.8	81.8	80.8	94.7	94.0	102.1	929.4
<u>CO. CORK</u>																		
Buttevant (Garda Stn.)	52	14	8	40	308	106.7	79.0	68.1	60.2	70.1	58.4	79.0	85.9	74.2	92.9	105.9	108.7	988.1
Donoughmore	52	00	8	44	647	148.3	104.1	97.8	77.0	91.2	72.9	101.6	112.0	100.3	126.3	135.4	135.4	1302.3
Glengarriff	51	44	9	33	16	231.1	171.5	121.2	106.2	110.0	102.6	130.6	134.1	139.7	193.8	207.0	216.2	1864.0
Kinsale (Scilly House)	51	42	8	31	54	117.9	80.0	78.0	62.0	69.8	53.9	69.8	80.0	71.9	98.8	108.7	107.7	998.5
Macroom (Garda Stn.)	51	54	8	58	238	137.2	98.0	80.8	69.2	69.1	59.9	81.3	92.2	88.7	113.0	130.3	132.6	1152.7
Millstreet Convent	52	04	9	04	404	164.6	117.6	96.8	83.1	83.1	71.9	93.3	110.7	106.7	135.6	156.4	159.0	1383.8
Timoleague (Garda Stn.)	51	39	8	46	30	136.9	96.5	86.4	72.4	80.5	59.7	80.5	83.8	83.8	113.8	126.5	128.8	1149.6
Watergrasshill	52	01	8	21	597	143.0	100.3	94.2	74.2	87.9	70.4	97.8	107.9	96.8	121.7	130.6	130.5	1255.3
<u>CO. DONEGAL</u>																		
Ballybofey (Barnesmore Gap)	54	44	7	56	592	221.5	150.6	125.5	123.4	125.5	129.5	173.5	181.9	192.3	223.5	213.1	229.9	2090.2
Dunlewy	55	01	8	07	272	206.0	136.1	108.5	101.1	101.1	112.3	149.1	156.4	174.8	200.6	195.1	198.6	1839.7
Fintown	54	52	8	08	502	204.0	134.9	107.4	100.1	100.1	111.0	147.6	154.9	173.0	198.6	193.0	196.8	1821.4
Glenties (Salmon Hatchery)	54	47	8	17	156	167.9	111.3	89.9	86.9	88.4	91.4	121.9	126.5	142.0	164.8	160.3	174.0	1525.3
Malin Head (Synoptic Stn.)	55	22	7	20	68	110.4	78.7	61.0	62.9	63.2	71.4	91.7	98.3	97.2	123.3	113.0	113.7	1084.8

TABLE II (Contd.)

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude (N)		Longitude (W)		Height Above M.S.L. ft.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	°	'	°	'														
CO. DUBLIN																		
Dublin Airport	53	26	6	15	224	70.0	51.4	50.4	45.1	56.8	49.0	69.4	72.7	71.1	69.8	66.9	64.7	737.3
Glenasmole Water Works	53	14	6	22	512	122.2	88.1	81.0	73.9	82.3	70.4	105.7	110.5	104.6	111.5	110.5	113.8	1174.5
CO. GALWAY																		
Barnadarg (Garda Stn.)	53	29	8	43	192	118.9	82.8	72.4	62.2	68.1	73.7	105.1	101.8	103.1	114.6	112.0	120.1	1132.8
Carraroe (Garda Stn.)	53	16	9	36	52	140.7	92.0	80.5	71.6	72.9	76.7	115.1	111.2	116.3	129.0	131.6	140.5	1278.1
Galway (El. Supply Board)	53	17	9	02	50	117.9	82.3	68.8	61.2	66.8	67.8	101.1	98.8	102.4	112.3	111.0	121.1	1111.5
Gort (Garda Stn.)	53	04	8	49	70	118.4	85.9	66.6	63.2	66.5	67.8	108.2	100.3	102.6	113.8	112.8	121.9	1128.0
Inverin (Garda Stn.)	53	14	9	26	92	127.0	83.3	72.9	64.8	65.8	69.3	107.9	100.6	105.1	116.6	118.9	127.0	1155.2
Kilronan (Garda Stn.)	53	07	9	40	42	131.1	85.6	74.9	66.6	67.8	71.4	107.2	103.6	105.2	120.1	122.7	130.8	1190.0
Kiltormer (Garda Stn.)	53	14	8	16	246	93.5	72.1	57.9	54.9	69.3	62.7	94.5	96.3	88.6	94.5	86.6	92.5	963.4
Maam (Garda Stn.)	53	31	9	34	52	281.2	186.7	161.0	143.0	145.8	156.0	201.9	222.3	237.7	265.9	268.2	286.3	2556.0
Moycullen (Garda Stn.)	53	20	9	11	117	145.3	101.4	85.1	75.5	82.3	83.6	124.7	122.2	126.3	138.4	137.2	149.4	1371.4
Portunna	53	06	8	12	107	85.6	66.0	52.8	50.3	63.5	57.4	86.4	88.1	81.0	66.4	79.5	84.6	881.6
CO. KERRY																		
Cummeragh River (Gauge No.3)	51	52	9	58	1772	422.1	290.6	239.8	189.2	209.5	182.4	236.5	253.5	256.8	344.1	371.6	381.8	3378.0
Gap of Dunloe (Gearhaneen)	51	59	9	37	104	307.6	210.6	158.5	134.9	132.6	120.7	168.1	179.8	182.1	251.9	267.5	272.0	2366.3
Kenmare (Sheen Falls)	51	52	9	34	42	226.8	161.8	128.5	102.1	110.7	91.4	116.1	119.6	126.8	179.3	197.1	198.9	1759.1
Killorglin (Callinafercy)	52	08	9	47	37	150.4	105.2	84.3	73.9	73.9	75.2	97.3	105.2	107.7	132.3	144.0	147.8	1297.2
Mangerton Mountain (Gauge No.3)	51	58	9	50	2642	456.7	312.7	235.2	200.1	196.6	179.1	249.4	266.9	270.5	344.2	397.0	403.9	3512.3
Tralee (Clash)	52	16	9	41	42	140.0	97.8	78.5	68.8	68.8	70.1	90.4	97.8	100.1	122.9	133.9	137.4	1206.5
CO. KILDARE																		
Castledermot (Garda Stn.)	52	55	6	51	262	81.3	56.1	53.3	45.2	51.1	48.0	62.2	66.6	62.7	68.1	70.4	74.7	739.7
Naas (El. Supply Board)	53	12	6	40	392	83.1	60.9	55.4	49.0	53.1	52.1	71.1	71.1	66.3	71.9	77.5	79.0	790.5
CO. KILKENNY																		
Kilkenny (Garda Stn.)	52	39	7	16	175	92.2	66.0	63.2	53.6	60.7	58.2	75.7	83.6	74.7	80.8	81.8	88.9	879.4
Mooncoin (Voc. School)	52	18	7	15	167	118.9	81.0	75.7	56.4	67.6	58.4	83.1	86.1	82.0	99.3	105.4	110.5	1024.4
CO. LEITRIM																		
Drumshanbo	54	04	8	04	168	127.5	86.6	75.4	74.2	80.5	84.1	105.1	117.6	113.8	121.4	122.7	128.8	1237.7

TABLE II (Contd.)

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude (N)		Longitude (W)		Height Above M.S.L. ft.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	o	'	o	'														
CO. LEIX																		
Abbeyleix (Blandsfort)	52	56	7	17	531	99.3	74.4	65.0	57.4	66.0	67.8	82.1	89.9	80.3	86.1	89.9	97.6	955.8
Mountmellick (Ann Grove)	53	07	7	20	262	89.7	67.0	58.7	51.6	59.4	61.2	74.2	81.0	72.4	77.5	81.0	87.9	861.6
CO. LIMERICK																		
Abbeyfeale (Springmount)	52	24	9	15	359	128.3	91.7	69.3	68.3	62.2	70.6	88.2	111.8	101.1	118.6	130.6	135.1	1175.8
Glin (Garda Stn.)	52	34	9	17	58	117.3	87.1	64.3	63.0	58.7	65.3	87.1	102.1	92.5	108.7	118.6	122.9	1087.6
Kilmallock (Garda Stn.)	52	24	8	35	283	105.9	74.9	63.2	58.4	62.2	57.5	76.7	88.5	77.7	95.3	105.9	105.9	972.1
CO. MAYO																		
Balla (Garda Stn.)	53	48	9	08	159	134.9	91.4	78.0	71.6	72.9	80.5	99.1	103.9	115.1	126.2	128.5	134.9	1237.0
Ballina (El. Supply Board)	54	07	9	09	62	116.6	75.4	64.8	63.8	64.8	72.4	87.6	97.3	98.3	109.2	112.5	117.9	1080.6
Ballinrobe (Garda Stn.)	53	38	9	14	92	132.1	89.7	76.2	70.4	71.4	78.7	96.8	101.9	112.5	123.4	126.0	132.1	1211.2
Ballycastle (Garda Stn.)	54	17	9	22	132	146.1	94.7	81.0	79.8	81.0	90.4	109.5	121.7	122.9	130.4	140.5	147.3	1351.3
Baugor-Erris (Garda Stn.)	54	09	9	45	117	142.7	89.2	80.3	68.8	67.6	80.3	93.0	106.9	114.5	138.7	141.2	150.1	1273.3
Blacksod Point (Synoptic Stn.)	54	06	10	04	13	146.5	87.9	81.7	70.4	69.8	82.3	96.0	109.2	117.2	148.5	144.8	153.9	1308.2
Castlebar (Garda Stn.)	53	51	9	18	127	144.5	98.1	83.6	77.0	78.2	86.1	105.9	111.3	123.2	135.1	137.9	144.5	1325.4
Claremorris (Synoptic Stn.)	53	43	9	00	225	122.2	83.3	71.9	66.3	74.2	75.2	93.5	100.3	103.9	115.3	113.0	122.1	1141.2
Nephin Mtns. (Keonagh Beg)	54	02	9	30	292	208.0	130.1	117.1	100.3	98.6	117.1	135.6	156.0	167.1	202.4	205.7	219.2	1857.8
Yallaranny	53	54	9	47	112	187.5	126.0	104.9	96.5	91.4	111.0	143.5	160.0	161.5	181.4	187.2	190.8	1741.7
CO. MEATH																		
Dunboyne (Garda Stn.)	53	25	6	29	227	71.1	57.9	53.3	49.3	61.7	51.6	75.2	78.2	72.7	71.9	69.6	69.6	782.1
Dunshaughlin (Garda Stn.)	53	31	6	32	337	82.5	63.5	57.4	53.1	64.3	59.2	81.0	87.1	81.0	82.6	77.5	81.0	870.2
CO. MONAGHAN																		
Monaghan (Garda Stn.)	54	15	6	58	204	92.7	66.3	56.1	57.9	67.3	66.3	80.5	86.1	85.1	94.5	92.7	89.9	935.4
CO. OFFALY																		
Birr (John's Mall)	53	06	7	54	180	86.1	66.9	53.0	50.1	63.4	57.9	86.3	88.4	81.9	87.1	79.5	85.2	885.9
Meelick (Victoria Lough)	53	10	8	04	120	87.1	67.3	53.8	51.3	64.8	58.4	88.1	89.9	82.8	88.1	81.0	86.4	899.0

TABLE II (Contd.)

MONTHLY AND ANNUAL AVERAGES OF RAINFALL (in millimetres) 1916-1950

County and Station	Latitude		Longitude		Height Above M.S.L. ft.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	°	'	°	'														
<u>CO. ROSCOMMON</u>																		
Bailintubber Garda Stn.	53	43	8	25	247	106.4	73.4	64.0	62.0	69.1	71.4	86.9	97.0	93.0	101.3	102.4	106.4	1033.3
Boyle (Voc. School)	53	58	8	18	196	115.8	79.8	69.6	67.6	75.2	77.5	94.5	105.7	101.1	110.2	111.2	115.8	1124.0
Loughglynn (Garda Stn.)	53	49	8	34	304	113.8	78.7	68.8	64.5	77.7	74.4	93.0	100.6	98.5	106.2	105.2	112.8	1094.2
Roscommon (Garda Stn.)	53	38	8	11	188	107.2	74.2	65.0	60.7	73.2	70.1	87.6	94.7	92.7	99.8	99.1	106.2	1030.5
<u>CO. SLIGO</u>																		
Collooney (Markree Castle)	54	11	8	27	121	111.5	76.2	66.3	67.3	70.6	76.2	92.7	106.2	99.3	109.5	113.8	114.8	1104.4
<u>CO. TIPPERARY</u>																		
Thurles (Holm Lea)	52	41	7	48	352	105.7	74.4	60.7	57.7	67.6	62.7	88.1	85.1	82.3	94.0	96.8	103.6	978.7
<u>CO. WATERFORD</u>																		
Cappoquin (Mount Melleray)	52	11	7	52	692	173.5	122.2	110.5	84.8	97.5	80.5	104.9	113.5	107.7	133.6	152.2	155.0	1435.9
Dungarvan (Garda Stn.)	52	05	7	37	16	130.3	83.9	83.3	61.7	74.2	64.0	91.0	94.5	89.9	109.0	115.8	121.4	1124.0
Waterford (Tycor)	52	15	7	08	153	120.4	82.0	76.7	57.1	68.3	59.2	84.1	87.1	83.1	100.6	106.7	112.0	1037.3
<u>CO. WESTMATH</u>																		
Mullingar (Synoptic Stn.)	53	31	7	21	355	94.5	71.6	56.4	57.2	65.0	67.8	91.7	91.9	85.9	94.7	84.8	93.0	954.5
<u>CO. WEXFORD</u>																		
New Ross (El. Supply Board)	52	24	6	56	182	118.9	79.8	73.9	58.4	68.6	64.5	78.7	85.1	84.1	102.3	104.4	106.4	1025.1
Johnstown Castle	52	18	6	30	203	121.4	83.1	79.0	61.5	75.7	64.0	78.2	92.2	88.6	109.0	112.5	114.3	1079.5
<u>CO. WICKLOW</u>																		
Wicklow Mtns. (Glenbride Lodge)	53	05	6	27	1,182	144.7	95.3	93.0	78.0	79.2	65.5	105.2	99.1	102.9	122.7	123.7	128.7	1238.0
Roundwood (Filter Beds)	53	03	6	11	632	138.9	91.4	88.9	74.9	75.9	63.0	100.8	95.0	98.6	117.6	118.6	123.3	1186.9

TABLE III.

COMPARISON OF AVERAGES FOR THE TWO PERIODS 1881-1915 and 1916-1950.

Station	Period	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Ratio*
Bagenalstown (Fenagh House)	1881 - 1915	79.8	64.5	61.7	58.2	62.5	63.0	80.0	89.4	62.7	85.1	85.1	95.7	887.7	103.2
	1916 - 1950	102.1	68.4	65.4	51.2	63.4	57.7	76.7	84.1	75.1	88.0	92.1	91.9	916.1	
Cork (University College)	1881 - 1915	102.6	94.7	76.0	66.6	57.4	64.3	68.8	85.6	68.1	99.0	101.8	130.3	1015.2	103.2
	1916 - 1950	124.2	90.7	83.1	65.5	72.9	51.1	74.2	77.7	74.7	99.6	115.1	118.4	1047.2	
Dublin (Phoenix Park)	1881 - 1915	57.7	45.5	49.5	46.0	52.8	50.3	58.1	80.5	48.5	67.1	71.6	64.5	702.1	107.2
	1916 - 1950	68.5	55.6	51.1	47.3	59.3	49.4	72.0	75.6	70.1	69.2	67.3	67.1	752.5	
Valentia Observatory	1881 - 1915	139.4	152.1	115.3	93.2	80.5	81.3	96.0	121.7	105.2	141.5	138.7	168.6	1413.5	100.0
	1916 - 1950	170.8	114.8	97.1	77.7	85.8	79.0	105.0	112.2	112.4	144.3	153.4	161.1	1413.6	
Ardee (Lisrenny)	1881 - 1915	70.4	53.6	63.5	55.6	62.2	58.9	75.4	93.0	55.4	74.9	73.2	85.6	821.7	105.9
	1916 - 1950	87.1	61.5	57.4	52.8	60.2	59.2	82.0	83.8	80.3	83.8	77.5	84.8	870.4	
Leenane (Delphi Lodge)	1881 - 1915	251.5	213.9	211.1	145.8	153.4	145.8	160.7	218.7	191.2	241.3	204.1	309.1	2514.6	106.3
	1916 - 1950	297.9	192.8	168.9	150.4	152.9	163.8	207.5	233.2	247.9	276.4	291.9	300.0	2673.6	
Strokestown (Castlenode)	1881 - 1915	79.5	67.3	70.1	55.8	61.0	59.7	71.1	96.5	68.8	77.5	86.4	95.3	889.0	109.7
	1916 - 1950	101.4	70.6	62.0	57.2	69.3	66.0	83.3	89.7	87.6	95.0	93.2	100.1	975.4	

* Annual average for the period 1916-1950 expressed as a percentage of the average for the period 1881-1915.