

Met 0 8b 10-YEAR SUMMARY SHEETS

Governed by Public Records Acts

I M P O R T A N T

1. These sheets are a VITAL part of the permanent data archives of the Office, and are stored in Met08 for all decades for practical and historical reasons, including ready access, rather than be stored in Technical Archives.
2. For many old stations these sheets are the ONLY record of available data.

ENTRIES

3. All entries must invariably be made in permanent ink (nowadays normally in black waterproof ink), be perfectly legible and comments sufficiently intelligible to those reading them decades after the event.
4. Every attempt should be made to ensure that any follow-up action is adequately cross-referenced to a previous entry.
5. Retrospectively effective comments MUST be entered on the station's 10-year sheets for all relevant previous decades, not just on the latest decade's sheet.

BORROWING OF 10-YEAR SHEETS PROHIBITED

6. On no account whatsoever are the original sheets to be lent to other branches, and care is to be exercised if sheets are wanted by sections other than Met08b within Met08.
7. These sheets may only be extracted from their binders for the very short periods required during any manuscript updating, or whilst actually being photocopied. It is important that temporarily extracted sheets are returned to their correct numerical position by station number; and if more than one decade's sheets for a station are extracted at the same time, very special care needs to be taken to ensure that each decadal sheet is returned to the correct decadal binder.

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Head of Hydrometeorological  
Data Systems

KEEP as top enclosure of each binder





Station No. M 6184

RAINFALL at Newtownbutler (from castle)

51

County of Fermanagh

Observer J. E. of Erne (per R. Hyslop) rel. 30/9/54

River Basin 1 - Erne

Type of Gauge Standard B.A.

Annual Average 38.7 in. based on 25 years obs. un-weighted. Period of average 1908-1932 Ref. A.W.S.  
" " 39.32 " " 35 " within 1920-57 " 1916-50 S. cap. 60  
39.33 File No. 3209/30 PCS

Diameter ...	5"										
Height ...	1'0"								7"		
Altitude ...	200'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.93	4.35	(1.65)	2.31	4.64	2.86	5.75	5.01	2.81	4.11	
February ...	3.46	1.08	(1.60)	4.71	3.46	1.52	2.65	3.79	1.32	3.46	
March ...	3.19	2.24	0.48	4.55	.78	2.36	4.23	1.83	3.15	2.83	
April ...	2.20	1.30	(1.50)	.82	2.61	.87	2.01	1.61	3.24	3.33	
May ...	1.73	2.18	2.99	3.28	3.49	1.42	2.12	3.56	1.82	2.81	
June ...	3.20	2.93	(.95)	2.00	4.08	3.19	1.78	6.61	2.21	2.94	
July ...	3.63	1.92	(5.00)	4.27	1.56	5.79	4.03	5.92	3.61	6.65	
August ...	4.89	4.09	(4.20)	3.36	.73	6.76	5.10	5.54	1.24	6.84	
September ...	2.94	1.50	3.72	4.90	4.04	4.31	3.74	4.40	2.48	3.53	
October ...	1.14	3.95	(2.47)	6.80	2.76	3.30	4.90	3.73	6.29	2.90	
November ...	3.85	1.70	3.52	5.28	3.23	2.26	0.93	2.29	4.28	4.84	
December ...	4.38	3.42	3.59	4.00	3.92	5.41	4.59	4.80	6.88	4.38	
TOTALS ...	38.54	30.66	31.67	46.28	35.30	40.05	41.83	49.09	39.33	47.82	
	D	D	D	D	D	D	D	D	D	D	

1953. g. leaking 11/53. est. corrections Jan. Feb. Apr. June. July. Aug. Oct.  
Inlet 1959/60. Tree 80', 140' W. Wall 22', 35'-40' NW-NE. Batter side chosen.  
Accurate f.b. measure.  
65644

Position of Station on Ordnance One-Inch map : No. of Map 8 National Grid Reference TH 256 241

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						0 0 0 8 2 0

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	(1917)	M. H. Hyslop 1927 only	✓	✓	



Observer Impatiens fore love

of Enniskillen.

Obs'd THOS. A. HAMILTON

" " <sup>On page unknown</sup> 48.624 - - 19 .. .. within 1934-57 - - File No. 1916-50 308861/34

00014	02004
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1452 *Imedialyvalus nuchalis* May 18. 1900

1957. Jan. high, but accept

Just E 1959 J.B.O.K. Badly overhauled by trees SW-W. Better site chosen for overhauled.

1959 Jan daily readings irregular but total reasonable. 4 days estimated in November. Corrid for WD. Dec.

1960: Unreliable: values adjusted after consultation with obs. & Min. of Finance.

Position of Station on Ordnance One-Inch map : No. of Map.....8..... National Grid Reference JH 176347

000819

*Summary of Earlier Records from 10-year Sheets :*

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1934 ✓	✓ ✓	



Station No. M 6185

RAINFALL at Ennistallen (Bellevue)

51

County of Fermanagh Observer Lady Margaret Lowry-bony.

River Basin 1 - Erne

Type of Gauge H.O.

Annual Average 47.0 in. based on 8 years obs. un-weighted. Period of average 1925-37. Ref. 662741/26

39.66 30 1925-37 1916-50

Diameter	5"	5"		994	688						
Height	0' 7"	1' 0"			1						
Altitude	210'	210'			51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.26	5.53	1.57	2.33	3.63	2.65	4.30	4.43	2.53	3.11	
February	3.04	1.25	0.84	3.89	4.26	2.36	2.65	3.29	0.89	3.18	
March	3.56	1.76	0.76	3.85	0.91	1.73	3.66	1.61	2.82	1.95	
April	1.56	1.52	2.05	0.91	2.58	1.26	1.35	1.23	2.98	2.10	
May	1.69	1.93	2.03	4.43	3.03	1.33	2.31	3.09	1.86	2.33	
June	2.17	2.34	1.28	2.57	4.96	3.97	1.85	5.60	2.64	2.63	
July	2.84	1.08	4.33	5.75	2.06	5.75	4.44	4.86	2.90	6.04	
August	4.25	3.20	3.40	3.19	0.83	6.31	4.87	4.59	.97	5.13	
September	2.85	1.57	3.30	6.16	3.80	3.87	4.26	3.45	2.02	3.17	
October	1.42	4.78	2.48	5.52	2.57	3.26	3.77	2.26	5.76	2.87	
November	4.74	1.82	4.15	4.87	3.15	2.34	1.15	2.25	4.02	4.76	
December	5.19	4.21	3.04	3.37	4.16	5.01	4.75	5.11	6.45	3.20	
TOTALS	36.57	30.99	29.23	46.84	35.74	40.04	39.36	41.77	35.84	40.47	

Imp. II 1959 60K. Over sheltered by trees except NW-SW. Over sheltered to S. No alternative site.

Position of Station on Ordnance One-Inch map : No. of Map 8 National Grid Reference TH2534108

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1925			

Station No. M. 6187

RAINFALL at Ennisbilleen (Portora Royal School)

51

County of Fermanagh Observer Headmaster

River Basin 1 - Erne

Type of Gauge m.o.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E 10034/49

Diameter ...	5"									995	503	
Height ...	0' 10"										1	
Altitude ...	246'										51	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.47			inc				inc	inc	100	3.67	NB
February ...	3.60	1.63		4.27				3.62	.90	100	3.73	
March ...	3.52			inc				1.66	inc.	100	2.20	
April ...	1.74							inc	inc.	100	1.80	
May ...	2.09	1.81	1.88	3.02				3.26	2.38		2.57	
June ...	2.53	1.45	1.73	2.46				5.30	2.95		4.76	
July ...		1.36	4.47	inc				inc	inc		5.95	
August ...		4.01									5.34	
September ...		1.87						inc	inc		3.09	
October ...	1.56	4.79	2.71					2.24	inc		2.60	
November ...	5.09	2.94	5.03				.64	(2.70)	inc		4.74	
December ...							3.60	inc.	inc		4.12	
TOTALS ...	-	-		inc		NR	inc.			100	44.57	
	NP.	N.P.	npw	12.P.					npw	np. inc	4.12	

1951 N.P. incomplete.  
1952 N.P. incomplete.  
1953 N.P. maybe  
1954 known from 4 1/2, 5 x 1/2; Cricket Pavilion 15', 35 x S.W.  
1955. Regular reading commenced at beginning of first term.  
~~1956. A little low but accepted~~  
1957. Nov. + Dec. totals given in letter 27.1.58 (no 1950 response)  
1958 np inc  
1960 np gauge on roof 1.1.60. So be used again 5/62

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
			Ennisbilleen	1 1/2 m.	S.E.	Rosary	1 1/2 m	SW
							1000817	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		id	✓ inc. 40 np. id 31-39	+1,50, np 41. d 50.	



Station No. M. 6187/5

51

RAINFALL at Golebrook

County of Fermanagh

Observer Sir Basil Brooke, Bart.

River Basin 1 - Erne

The Viscount Brookeborough

Type of Gauge No. Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.
41.25 25 within 1931-57 1916-50
File No. 161201/32 S

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

1986 a little low, but accepted. Insp. II 1257 7.50' h. of in concrete block. No d. tube. Trees 80', 100' N-130' NE. G. to be moved 100 yds S. Accurate f.b. means.
1959 June values 9th 10th + 11th rearranged. Dec 31st est.

Position of Station on Ordnance One-Inch map: No. of Map 8 National Grid Reference IH 409446

Table with 8 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.

Station No. 6187/16

51

RAINFALL at Ely Lodge

County of Lermanagh

Observer Col. R. Grosvenor M.P.

River Basin 1 - Erne

(H.G. Salisbury, Esq.) Forester.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E.2.14.95/57

Diameter ...				996	317			5"			
Height ...					1						
Altitude ...					51			166'		175'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								100	2.45	3.79	
February ...								100	0.93	4.12	
March ...								100	3.09	2.10	
April ...								1.81	3.97	2.86	
May ...								2.81	1.95	2.27	
June ...								4.71	2.92	2.96	
July ...								5.07	3.17	6.61	
August ...								5.24	1.73	5.00	
September ...								3.43	2.29	2.87	
October ...								2.53	6.57	3.07	
November ...								2.64	5.06	5.69	
December ...								5.53	6.94	5.07	
TOTALS ...								100	41.07	46.41	

1958:- Inspected 11.2.57. R.A. Buchanan S.M.O. Aldergrove. Standard gauge installed by Mr. Salisbury 4/57, on sloping ground near trees E. a few feet from drainage ditch. Mr. Salisbury acquired interest in climate as a pupil under late S. E. Ashmore, Wrexham. Mr. Buchanan proposes to test gauge & measure at later visit (6.9). Site plan (20x) indicates satisfactory site except for 115' high tree, 220' W, possibly due to be felled.

1918 - m.c.  
Ins p 9/8/60, Mr. Doolley & Mr. Balis. Satisfactory.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference L.H. 191512.

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



Station No. 6187/7

RAINFALL at Balleinamallard (Rossfad)

51

County of Fermanagh Observer Lt. Col. H. S. C. Richardson

River Basin 1 - Erne

Type of Gauge Glaisher

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 891692/39

Diameter ...	5"										
Height ...	0' 11"										
Altitude ...	200'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.75	5.19	1.24	5.19	3.39						
February ...	3.76	3.96	1.57	4.61	4.53						
March ...	3.52	2.27	0.33	4.33	0.72						
April ...	2.32	1.99	1.83	0.88	2.04						
May ...	1.92	2.22	2.17	3.47	3.42						
June ...	3.16	2.86	1.44	2.88	4.86						
July ...	3.05	1.46	5.12	5.05	2.01						
August ...	5.51	4.98	3.45	3.29	0.57						
September ...	3.09	1.54	4.88	4.48	4.11						
October ...	1.61	6.31	3.01	6.60	2.45						
November ...	5.60	1.75	5.01	6.17	3.95						
December ...	5.65	3.69	2.95	4.69	(4.50)						
TOTALS ...	42.94	38.22	33.00	52.14	36.55						

1951 House 40' SE Hedge 5' high W, Trees 30' high NE + SW.  
1952. Suspect evening readings at times.  
1955. Rec. part est'd.  
1955 see file letter sent re. reading 1st of each month  
1956 No record available. Str. Terminated 12.2.57.

Position of Station on Ordnance One-Inch map :				No. of Map.....		National Grid Reference 1 H 23-216519			
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.		
Summary of Earlier Records from 10-year Sheets :									
Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60			
				C 1939 ✓	✓ 50. d.41,43-45,47-48				



51

Observer J. H. Dick, Esq., for M.O.  
Chris M. K. Dick for M.O. 14 May 54  
Mr. T. McGortyn - April 1957

Type of Gauge..... ~~B/A~~ M.O. w.r.f. 29.8.56  
                                measure on loan

48.22. " 12 " willini 1945-57 " " " 1946-1950  
File No. 971311/29 ← 10355 File  
M. 7739/515

Thorp 1952. Gauge on flat ground NW of Gungahlow. Slightly (Ovar. v. magnetic but over 80)

Letter 5.5.54. H.V. Dick fails to refer to countries

Imp 20.6.54 Mr Buntam. Gauge (no bottle) sits loosely in a wooden box. *Synura subulata*. "Superb like"  
Mr Duth now 82 is too frail to carry on & work is done by Dick (a little younger & the hammering). In due course

In 6156. <sup>a boy will like just the home & records have a good chance of surviving (son is keen note).</sup> Q. non-standard. Run only 6" above ground. No bottle. Sunk loosely in the ground in wooden box. Rarely vertical. Departure from vertical could be as much as 5%. Exposure good with gentle slope N. A new standard M.O.S. to be supplied and sunk in concrete block. Q. was brought - to required W: in inspection.

1967. New obs. (Advice from M.O. 12 in File M 7729/55)

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IG971551

0 0 0 8 1 3

Record  
D, or d

1910-19

1920-30

1931-40

1941-50

1951-60

D32-36 38-40



Station No. .... 6188

RAINFALL at Belleek (Heronbank)\* Station No. 1155

County of Fermanagh Observer Mrs Beacom

River Basin 1 - Eme

Type of Gauge, BA

Annual Average 45.5 in. based on 1916-1950 years obs. un-weighted. Period of average 1916-1950 Ref. P  
 ✓ Origin unknown  
 File No. 9439/30

48.40 in based on 35 " " 1916-1950

Diameter ...	5"			998	318				5.1"		
Height ...	1' 2"				1				10"		
Altitude ...	150'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.95	7.35	2.34	3.44	3.36	3.89	6.49	5.39	3.08	3.18	
February ...	4.72	2.68	1.56	4.93	4.56	3.18	3.06	4.76	1.33	4.08	
March ...	3.91	2.06	0.94	4.93	0.95	2.23	3.81	2.50	2.81	2.02	
April ...	2.84	1.59	2.79	1.23	3.64	1.72	2.37	2.29	3.84	2.57	
May ...	1.42	3.10	2.65	2.77	3.61	1.97	1.65	3.27	1.42	3.12	
June ...	2.71	3.48	1.68	3.05	4.85	4.57	2.16	4.91	3.50	4.04	
July ...	4.61	3.01	5.99	7.88	1.81	5.66	5.77	4.92	4.15	7.41	
August ...	4.89	4.01	4.32	3.46	0.76	8.02	5.26	5.14	2.62	6.85	
September ...	3.14	2.77	6.25	6.79	4.54	4.90	7.16	3.64	2.07	3.97	
October ...	2.46	4.07	3.13	6.92	4.38	4.18	4.96	3.40	7.85	3.32	
November ...	6.52	2.91	5.41	6.49	2.62	3.32	1.78	3.67	6.27	4.44	
December ...	6.66	6.14	3.64	4.51	5.18	6.06	6.42	6.13	5.76	5.64	
TOTALS ...	48.83 D	43.17 D	40.70 D	56.38 D	40.26 D	49.70 D	50.89 D	50.02 D	44.70 D	52.58 D	

Jul. 15 1959 J.B.K. L. very old & painted inside. No bottom to outcasing. Not imbedded in ground. Shed S. 4' NE. Sundial 4 1/2', 3' N. Terra site with steep dome-like to S. Exposure may not be too bad apart from overhalls NE-N. Uncofined flat-bottomed meadow.

\* Gange is in Belleek village, not Harroushan. See File, Encl. 14A-14C, 1943.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference **IG941589**

[illegible]

*Summary of Earlier Records from 10-year Sheets :*

1916-1950, P-accepted

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓ DN. 24-28.30 d 29.	✓ ✓ but dgo	✓ ✓	



Station No. 6188/4 M

RAINFALL at Ininstown (R.U.C.)

51

County of Fermanagh

Observer Sgt J. J. S. SERGEANT IN CHARGE\*

River Basin 1 - Erne

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. - S

" " 40.82 " " 8 " 1950-57 " " " File No.

Diameter ...	5"				996	140					
Height ...	1' 0"					1					
Altitude ...	303'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.55	5.69	1.92	3.30	2.89	3.13	4.62	5.12	2.50	3.52	
February ...	3.99	2.04	1.29	4.39	4.04	2.61	2.67	3.27	1.91	2.26	
March ...	4.13	(2.17)	0.59	3.60	0.81	1.77	3.27	2.26	2.93	2.66	
April ...	2.14	2.02	1.67	1.11	2.96	1.37	1.95	1.75	3.47	2.76	
May ...	1.74	1.75	1.62	3.41	3.37	1.79	2.00	(3.34)	1.86	2.14	
June ...	2.56	2.76	1.15	2.51	4.66	5.22	1.25	4.26	2.90	3.16	
July ...	3.32	1.79	5.21	4.74	2.27	4.16	4.83	4.28	4.10	7.15	
August ...	4.68	5.00	3.29	2.96	0.78	7.47	5.33	5.07	1.19	5.81	
September ...	2.52	2.04	4.40	5.16	4.38	3.67	5.23	3.31	1.99	3.08	
October ...	1.72	4.62	2.57	7.08	2.63	3.28	3.43	3.08	5.63	2.62	
November ...	4.67	2.19	5.37	5.21	3.28	3.12	1.88	3.38	5.30	5.03	
December ...	5.27	3.95	2.76	4.83	3.83	4.88	4.56	4.90	5.43	5.33	
TOTALS ...	40.29	36.02	31.84	48.30	35.90	42.47	41.02	44.02	39.21	45.52	
	D	D	D	D	D	D	d	d	d	d	

1952. March 2nd-8th and 19th est. ref. Castle Archdale 6188/6. 02004  
1859 Hedge 4' 24" SE; Hedge 4' 24" S.  
JULY 1959 J.B.D.K. True 60°50' SE, Police station 30, 40' NW otherwise satisfactory. 10004

000811

\* per Government of Northern Ireland

Position of Station on Ordnance One-Inch map : No. of Map 5 National Grid Reference IH 236582

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				Cump 1949	

Station No. 6188/6 M.W.R.

RAINFALL at Bastle Archdale Airfield

51

County of Fermanagh Observer Meteorological Office.

River Basin 1 - Erne

Type of Gauge M.O (+A)

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No.....

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	240'				51	225'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.43	5.98	1.69	3.36	3.54	3.45	4.78				
February ...	3.79	1.76	1.21	4.60	3.59	2.52	3.10				
March ...	3.62	2.10	0.58	3.79	0.93	1.58					
April ...	1.94	1.71	1.31	0.89	2.94	1.53					
May ...	1.98	2.17	2.30	3.11	3.52	1.87					
June ...	2.27	2.71	1.24	2.42	4.27	4.95					
July ...	3.27	1.78	4.57	4.74	1.63	5.24					
August ...	4.37	3.49	2.95	3.27	1.15	6.41					
September ...	2.76	1.77	5.16	5.85	4.43	3.75					
October ...	1.66	4.20	2.79	7.22	2.81	3.28					
November ...	5.01	2.16	4.61	5.86	3.28	3.49					
December ...	5.19	4.59	2.78	5.05	4.92	5.92					
TOTALS ...	39.29	34.42	31.19	50.16	37.01	43.99	Inc np				

41 44 39 45

1957- Terminated 28.2.57.

alt. 73m (Belfast)

000810

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IT (33) 175587

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C. imp 1942	





M. 6191

51

Observer J. S. W. Richardson Esq.

.....

.....

Annual Average 37.2 in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....

" " 40.13 " " 36 " " within 1920-57 " " 1916-50 File No. 235758/33

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	260'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.11	5.39	1.06	2.32	4.45	2.70	5.74	3.69	3.06	4.40	
February ...	3.63	.68	1.33	4.93	4.50	0.91	3.38	3.77	1.36	3.58	
March ...	2.19	2.10	0.52	3.85	1.19	2.44	3.74	1.14	4.33	3.21	
April ...	2.23	1.83	1.81	0.69	2.90	1.00	1.31	0.94	3.16	3.67	
May ...	1.45	1.92	1.93	5.06	2.98	1.24	2.16	3.35	1.83	2.28	
June ...	2.84	2.64	1.98	2.52	4.21	3.38	0.85	5.99	1.36	2.03	
July ...	3.80	1.38	4.67	4.27	1.62	3.79	3.74	4.85	5.70	5.43	
August ...	5.84	3.99	3.90	2.85	1.19	6.91	4.77	6.54	1.15	4.23	
September ...	2.89	1.81	4.47	5.63	3.33	4.20	4.01	5.11	2.02	3.43	
October ...	0.97	6.29	2.55	8.19	2.40	2.40	4.51	2.65	6.09	6.61	
November ...	7.34	3.23	3.56	6.82	2.74	2.28	1.58	1.92	4.31	4.55	
December ...	5.48	3.62	3.23	4.57	4.77	6.46	5.30	5.30	8.40	2.94	
TOTALS ...	42.77 0	34.88 D	31.01 D	51.70 D	36.28 D	37.71 D	41.09 D	45.25 D	42.77 D	46.36 D	

Inst. II 1959 J.B.O.K. lg. isobolled in concrete. Oversheltned badly by trees all round except NNE - ESE. Better site chosen where grad. g. to be set up. This site slightly oversheltned to SE and very slightly to W but best position available. Unconfirmed f.b. measure.

Position of Station on Ordnance One-Inch map : No. of Map.....11..... National Grid Reference JQ 051284

[illegible]

1916-1950, P - Rejected

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			✓	✓	✓	



Station No. 6192

RAINFALL at Ballylane (Waterworks)

51

County of ARMAGH Observer Engineer

River Basin BANN Upper - 4

Type of Gauge Snowdon B.A.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E.20017/56

Diameter ...			942	27.9		5"					
Height ...				1		1'0"		10"			
Altitude ...				57		480'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						100	4.90	3.94	2.72	4.28	
February ...							3.16	3.97	1.40	3.11	
March ...							3.50	0.97	3.70	2.33	
April ...							1.45	1.37	3.21	3.47	
May ...							2.06	2.68	1.59	2.99	
June ...						#100	1.38	5.98	1.91	2.62	
July ...						4.63	3.77	4.48	3.82	4.27	
August ...						6.93	5.75	5.36	1.18	4.65	
September ...						3.84	4.69	4.79	1.73	3.01	
October ...						2.71	3.89	3.62	5.20	5.23	
November ...						2.68	1.57	2.12	3.30	4.36	
December ...						5.64	5.35	5.39	7.03	3.62	
TOTALS ...						100 inc	41.47	44.67	36.79	43.94	

1956: Valve Ho. 8' 36" SSW, Gauge Ho. 8' 36" NNE. Just X 1958 960k. Site over-erased with dms. Turf wall rec. uncalibrated flat-bottomed measure.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference IH 965352

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1956			Market Hill	4600*	4° W of N	Kilcooney	2100*	16° W of N
							000808	

Summary of Earlier Records from 10-year Sheets:

	1940-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. T. F. 6192/2

RAINFALL at Markethale (Whiteross)

51

County of Armagh Observer R. U. C. Barracks

River Basin 4 - Bann Upper

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
41.46 24 within 1932-57 1916-50
File No. E. 12625/50

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

1952 Jan amended M03b.
1957 Aug daily values unreliable. Total est. 1903. Sept. slightly adjusted. 1903.
1958 n.h. low.
1959 Daily values irregular, probably due to irregular time of reading.
\* her Government of Northern Ireland.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference IH 997313

Table with 8 columns: Date, Lat. N, Long, Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



RAINFALL at

Portadown

Station No. 6192/2/1

51

County of Anagh

Observer

Borough Surveyor

River Basin 4 - Bann Upper

Type of Gauge London

Annual Average in. based on years obs. un-weighted. Period of average Ref.

No average worked - too short.

File No. E.10711/49

Diameter ...	5"										
Height ...	1' 0'										
Altitude ...	89'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.84	3.44	0.86	1.60	3.05	2.11	4.06	2.77	1.85	3.48	
February ...	2.58	.75	0.91	3.63	2.26	1.24	2.26	3.60	.65	2.22	
March ...	1.89	.95	0.23	2.96	1.02	1.43	2.36	0.98	2.57	1.72	
April ...	1.33	1.42	1.12	0.47	1.63	.78	2.31	0.66	2.28	2.52	
May ...	1.60	1.21	1.47	(3.76)	2.32	.88	2.15	1.77	1.46	2.03	
June ...	2.95	2.68	2.01	(3.06)	3.24	2.17	1.09	4.61	2.56	2.74	
July ...	2.95	1.39	3.34	(3.58)	1.90	3.39	3.00	3.70	3.48	3.79	
August ...	3.47	3.72	3.03	2.05	1.48	5.77	3.87	3.54	1.05	4.78	
September ...	1.48	.90	2.55	(4.16)	2.55	3.31	2.63	3.06	1.40	2.77	
October ...	0.66	3.25	1.70	4.99	1.88	2.05	3.10	3.28	4.09	4.53	
November ...	4.48	2.58	1.99	4.03	1.67	1.44	1.05	1.60	2.62	3.26	
December ...	3.24	3.28	2.74	3.49	2.89	4.28	4.07	4.40	4.22	2.62	
TOTALS ...	29.47	25.57	21.95	(37.78)	25.89	28.85	31.95	33.97	28.23	36.46	
	d np	d	d	d np	d np	d	np	np low	d	d	

1951 NP. low.

1952 ang

1953 Tree 45' at 60' N.W.

1956 Gauge being moved to Sewage Works.

1954 n.p. too much ev.: 1955 low, large building oversheltered gauge.  
 Bungalow 15'-250' S.S.E.; Trees 50'-150' E.  
 In 1958 J.B.O.K. moved to Sewage Wks. w.e.s. Jan 1957. by source. Trees 60'-70', 100'-80' S.S.W. O'xford  
 N-S.W. New site required, possibly with turf-wall.

1958 n.p. low

1959 Feb 26 at Port in 17036

H. Point with forshute gauge sheltered

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference I.J. 022556

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1953			Portadown G.N.R. Ry	1200'	N	St. Mark's.	400'	N.W.
1956			Portadown	3/4 ml.	S.S.W.	Seagoe	1/4 ml.	S.S.E.

Summary of Earlier Records from 10-year Sheets :

000806

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				Cump 1949	



Station No. M. 6192/3

RAINFALL at Keady (Derrynose Rectory)

51

County of Armagh Observer Rev. J. F. Campbell

River Basin 5 - Bann - Lough Neagh - W

Type of Gauge Howard

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 383118/35

Diameter ...	5"				946	160					
Height ...	1' 0"					1					
Altitude ...	380'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.97	4.84	1.18								
February ...	3.22	0.62	1.54								
March ...	2.94	1.73	.29								
April ...	1.87	1.74	2.49								
May ...	1.48	1.00	2.08								
June ...	2.42	2.51	2.05								
July ...	3.29	1.87	3.89								
August ...	5.17	3.85	3.46								
September ...	2.61	1.27	3.31	#							
October ...	1.01	4.11	-100								
November ...	4.92	2.32	-100								
December ...	4.40	3.67	700								
TOTALS ...	36.30 D	29.53 D	-100 inc n.p.								

1953. Note on 10.9.6 to July. Regret I shall be unable to continue after August as I am retiring & leaving at end of August.  
1953 " " " " Sept. Regret This is my last return from this station.  
n.p. inc.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 23-813375

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						000805

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C. inc. 1934 D 35-40	✓ ✓	

Station No. 6192/4

RAINFALL at Seagham Reservoir

51

County of Armagh Observer Armagh & Dungannon W.W.

River Basin S. Bann - Lough Neagh W

Type of Gauge Anemometer (+A)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 19185/55

Diameter ...					5"		947	598			
Height ...					1' 1"			1			
Altitude ...					525'			51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					100	2.47	5.57	3.96	2.70	3.71	
February ...						0.98	3.07	4.41	1.19	3.26	
March ...						3.41	3.01	1.26	3.46	2.51	
April ...						.71	1.34	1.35	3.46	3.19	
May ...					100	1.34	2.09	2.74	1.53	3.49	
June ...					4.25	3.42	1.41	6.50	2.39	3.08	
July ...					1.49	3.84	3.93	4.93	3.33	5.12	
August ...					1.61	6.02	5.73	5.20	1.19	4.13	
September ...					3.29	3.59	3.81	3.93	1.82	3.01	
October ...					1.61	2.35	3.91	3.84	4.77	5.58	
November ...					2.62	2.61	1.53	1.81	3.81	3.82	
December ...					4.85	6.49	5.13	6.14	6.92	3.38	
TOTALS ...					100	37.23	40.53	46.07	36.57	44.28	

Record c. 6' June 1955  
1955. June 25'. 200' NW; House 10', 50' NE; hedge 11', 60' S.W.; hedge 4', 40' S.E. 27.10.55. S. Rev. O. McDevine reported site satisfactory see now

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 898379

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1955			Armagh	5 1/2 mi	N.W.	Lisnadle	1 1/8 mi	N.W. & W.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. M 6192/5

51

RAINFALL at Lynam Aveey

County of Armagh

Observer Sir Thomas Stange Bart. B.H.C.H.A.

River Basin 5. Ban. Lough Neagh. W.

Type of Gauge B.A.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. S  
" " 34.26 " " 25 " within 1932-57 " " File No. 224877/32

Diameter ...	5"			946	254						
Height ...	1'0"				1			10"			
Altitude ...	167'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.51	4.64	1.07	1.85	3.51	2.14	4.48	3.33	2.01	3.46	
February ...	3.18	0.61	1.29	3.90	3.49	1.07	1.81	3.88	.93	2.54	
March ...	2.79	1.72	0.35	3.20	1.02	2.45	2.38	1.46	2.52	1.82	
April ...	1.66	1.35	1.99	0.56	2.34	1.10	1.26	1.07	3.27	2.30	
May ...	1.48	1.24	1.33	3.59	2.54	1.20	2.15	2.92	1.17	2.74	
June ...	2.82	2.46	1.43	3.50	4.66	2.83	1.46	5.17	2.22	2.89	
July ...	3.66	1.41	3.46	4.07	1.79	4.46	4.61	5.05	2.41	4.06	
August ...	4.49	3.03	3.50	2.12	0.79	2.05	5.99	3.99	.89	3.96	
September ...	2.41	1.08	2.82	4.59	3.05	2.66	3.72	2.85	1.78	3.23	
October ...	1.02	4.16	2.03	5.23	1.51	2.32	4.09	2.69	3.89	3.41	
November ...	4.76	2.11	3.40	3.78	1.84	1.65	.85	1.93	3.62	3.78	
December ...	4.56	2.94	(3.50)	3.73	3.77	4.56	4.39	4.65	4.42	3.08	
TOTALS ...	35.34	26.75	26.17	40.12	30.31	33.49	37.19	39.01	29.13	37.24	
	D	D	D	D	D	D	D	D	D	D	

(1953 Dec. 20 1703 B)  
Just S.W. of J.B.O.K. Terrace is slightly over-cupped w-s. Better site available & more acc. Trees about 150' NE just o'shell

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference TH 759422

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

000803

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1932	✓	
			✓	✓	



Station No. 6193

RAINFALL at Armagh Observatory M.W.R.

51

County of Armagh

Observer Director of Observatory for M.O.

River Basin <sup>5</sup> Bann-Lough Neagh, W.

Type of Gauge..... Snowdon (+A).....

Annual Average 31.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N  
33.26 " " " " " " 1916-1950 File No. 1916-1950 P

File No. ....

[illegible]

Imp. IV A.A.V. Buchanan. 21.5.52. No funnel to chul gauge. New 5" gauge being supplied. Site satisfactory  
+ 752. Old 8 in gauge repaired not with those new gauge.  
- Mr. R. A. Buchanan. 3.10.57 - Gauge satisfactory condition but loose in ground. Packing recommended. This is an 8" g.  
A T/S. auto. gauge is completely out of ground. Sinking so that rim is 21" above g.  
base firmly embedded, is recommended. There is also a Beckley No 6. g.  
General exposure is not satisfactory but best available - Two telescope domes  
30' high could have adverse effect on readings.

*Position of Station on Ordnance One-Inch map :*

No. of Map.....

~~National Grid Reference~~ **IHK(23) 874 1457**

[illegible]

*Summary of Earlier Records from 10-year Sheets :*

1916-1950, P. accepted

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓  ✓	✓  ✓	✓  ✓ but d 44	



Station No. M. 6194

RAINFALL at Richelieu (Sandymount)

51

County of Amagh Observer Mrs E. H. Lamb

River Basin Bann - Lough - Neagh West

Type of Gauge Snowden

Annual Average 29.3 in. based on 34 years obs. un-weighted. Period of average omitted 1955 Ref.

32.20 - 34 within 1920-57 File No. 683978/26

Diameter	5"				948	336					
Height	1' 6"					1		6"			
Altitude	200'				51			6'			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.39	4.61	1.13	1.92	3.86	2.12	4.93	(3.41)	1.98	2.90	
February	3.00	1.00	1.61	4.37	3.06	2.41	2.39	3.84	.89	2.38	
March	2.21	1.20	0.33	3.29	.94	2.47	2.81	1.30	2.67	2.11	
April	1.85	1.47	2.38	0.46	2.16	1.19	1.16	1.01	2.35	2.67	
May	1.77	1.49	1.73	4.62	2.87	.94	2.83	2.44	1.28	2.51	
June	2.66	2.19	2.78	2.06	4.29	2.44	1.13	5.29	1.72	2.14	
July	3.43	.88	4.65	4.26	1.72	3.66	4.02	5.42	3.38	3.83	
August	4.59	4.02	4.15	3.02	.91	7.10	4.64	3.86	.94	4.81	
September	2.28	1.23	3.38	3.62	3.37	4.00	3.58	3.41	1.40	3.00	
October	0.72	3.96	2.11	4.96	1.75	1.59	3.61	3.78	3.75	5.13	
November	5.44	2.44	2.42	4.35	2.36	2.07	1.16	1.62	3.11	3.33	
December	4.47	3.61	3.39	3.98	3.93	4.72	4.67	4.64	4.54	3.00	
TOTALS	35.81	28.10	30.06	40.91	31.25	34.71	36.93	40.02	28.01	37.81	

1958 Queries re. obs. answered by Mrs Elizabeth H. Lamb who is regarded as auth. (confirmed by letter - 4906)  
Obs. lives at Melfort, 100 yds from Sandymount. On inspection this year it is hoped to ascertain whether g. is still at Sandymount - 4906 stated it had been on same site for 10 yrs.  
Inst. 1858 J.B.G.K. No change of site (decade) g. is still in same family but different authority who live in a different home. Over sheltered all round except SSW-SSE. Slight overshelter only. Leak in seam of funnel.  
1959 print as oversheltered. decs. est. in Mo 26.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TH 924495

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓



RAINFALL at Loughgall (The Manor Farm)

County of Armagh Observer Plant Breeding Division, Min. of Agric.,

River Basin Armagh - 5 (Government of Northern Ireland,)

Type of Gauge M.O Ministry of Agric.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E. 202.52/56

Diameter ...				948	521		5"				
Height ...					1		1'				
Altitude ...					51		91				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							-1.00	2.87	1.61	2.87	
February ...								3.45	.84	2.38	
March ...								1.02	2.07	1.78	
April ...							-1.00	1.10	2.45	1.98	
May ...							2.50	2.22	1.37	3.45	
June ...							1.13	4.99	1.92	2.12	
July ...							3.67	5.47	3.14	3.62	
August ...							4.76	3.54	.97	4.11	
September ...							3.20	3.23	1.32	2.80	
October ...							3.26	2.94	3.53	5.06	
November ...							0.94	1.64	2.51	3.05	
December ...							4.44	4.51	3.74	2.99	
TOTALS ...							-1.00 Inc. 76.	36.98 M.	25.47 D.	36.21 D.	

1957 Site inspected by Mr. Robbin 13/3/57. Site likely to give excellent exposure.  
1958 print.  
1959 low but accept.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IH(23) 907519.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					





Station No. 6194/17RAINFALL at RASTREVOR (BAYMONT)

51

County of DOWNObserver Cannon T.F. Campbell (died Nov. '56)River Basin 1- CARLINGFORD LOUGHType of Gauge HOWARD

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 383118/35

Diameter ...				5"							
Height ...				1' 0"							
Altitude ...				100'							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960-	Means
January ...				1.69	3.97	3.74					
February ...				5.12	4.75	.98					
March ...				3.90	1.89	2.43					
April ...				.48	2.64	1.76					
May ...				5.19	3.02	1.04					
June ...				2.27	4.34	3.50					
July ...				3.61	2.21	4.05					
August ...				3.49	1.74	5.96					
September ...				4.82	2.17	3.95					
October ...				7.24	1.67	2.43					
November ...				7.27	2.17						
December ...				5.19	4.13						
TOTALS ...				50.27 D	34.70 D	—					

1954 House 20' 30' E. Shrub 8' 10' NNW. Tree 25' 40' S.  
1956 Terminated October, on death of observer.

alt. 33m (Belfast)

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference J 53 070192

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1954			Warrenpoint	3m	W'S	Rastrevor	1400 yds.	SE
							000799	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



Station No. 6195

RAINFALL at NEWRY (BRIDGE STREET HOUSE)

51

County of DOWN Observer C. BLANEY, Esq.

River Basin L. CARRINGFORD Lough

Type of Gauge SNAWTON

Annual Average 38.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. & N. 1916-1950 File No. 10.6.4.61/31 P

Diameter ...	5"					977	435					
Height ...	1' 0"						1					
Altitude ...	23'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.73	5.20	1.15	1.88	4.27	2.74	5.34	3.67	2.71	4.22		
February ...	3.87	.56	1.18	4.34	4.36	.89	3.22	3.58	1.32	3.36		
March ...	2.41	1.90	.39	3.61	1.22	2.38	3.60	.99	3.74	2.67		
April ...	2.14	1.72	1.60	.51	2.95	.83	1.43	.93	2.12	3.80		
May ...	1.76	1.23	2.00	5.06	2.91	1.08	2.06	2.75	1.61	2.18		
June ...	2.26	2.07	1.61	2.27	4.16	3.02	.88	5.35	1.37	2.16		
July ...	3.20	1.38	3.85	3.80	1.64	3.71	3.48	3.60	4.94	4.61		
August ...	5.73	4.45	3.83	2.50	1.86	6.64	4.02	6.07	1.02	4.83		
September ...	3.39	2.03	4.17	4.62	2.62	4.35	3.48	4.54	1.95	3.48		
October ...	0.80	5.66	2.37	8.10	1.81	2.39	4.22	2.60	6.44	6.23		
November ...	7.17	2.70	3.08	7.06	3.14	1.88	1.31	2.01	4.42	4.32		
December ...	5.78	4.05	3.24	4.82	4.28	6.93	5.20	3.39	7.42	2.88		
TOTALS ...	42.24	32.95	28.47	48.57	35.22	36.84	38.24	39.48	39.06	44.74		

1951 Wall 11' High 24' N, 8' High 12' S.  
Ink average for 1954 but down not at home and I did not see the note. VCH estimated from position of house.  
Ref. B 1959 J.B.O.K. by G. in concrete square 1' x 1'. Wall 10' 15' WSW-18' S. Apple trees 15-20' 25' 18' 4'.  
Roughish 5' 8' SE. Trees on hillside to W & NW just over shelter but at main growth.  
Some shrub and plants overhanging N-SE. Unconv. f. to measure .01" low.

Position of Station on Ordnance One-Inch map: No. of Map 11 National Grid Reference TJ082258

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						1000798

Summary of Earlier Records from 10-year Sheets: 1916-1959 P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	
		but d' 20.22 25.28	✓	but d 43	



Station No. 6194/2 <sup>6195/5</sup>  
RAINFALL at KILKEEL (COASTGUARD STATION) <sup>M.W.R. 51</sup>

County of DOWN Observer STATION OFFICER, for M.O.  
River Basin 2- DUNDURUM BAY & C. CARLISFORD LOUGH  
Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
File No. M3767/49 (M.O. 12)

Diameter ...			5"		975	817				5"	
Height ...				1' 0"		1				1' 0"	
Altitude ...				59'		51				59'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...			100	2.16	3.30	3.38	3.03	2.95	2.81	4.58	
February ...				3.58	3.73	1.07	1.71	4.12	1.26	2.41	
March ...				3.32	1.39	1.58	3.78	1.50	2.39	3.45	
April ...				0.62	2.71	1.31	1.17	0.81	2.24	1.91	
May ...				3.43	3.06	.82	3.08	4.57	1.58	1.61	
June ...				2.65	4.71	2.13	0.85	7.10	1.42	2.02	
July ...				3.54	1.82	2.96	2.80	4.26	2.39	5.49	
August ...				2.81	1.19	6.40	4.57	6.62	0.67	4.86	
September ...			100	3.38	1.89	3.87	5.19	3.99	2.32	3.47	
October ...			# 1.78	5.64	1.75	2.28	4.34	2.64	5.26	3.77	
November ...			3.21	4.16	1.69	1.18	1.47	2.52	3.19	3.59	
December ...			4.11	4.38	2.98	3.64	4.61	3.63	4.47	3.04	
TOTALS ...			100 inc n.p	39.67 D	30.22 D	30.62 D	36.60 D	44.71 D	30.00 D	40.20 D	

1953 Site considered satisfactory from 1953 inspection by MR. A.A.V. Buchanan.  
1953 n.p. inc. Insp. Mr R.F. Buddon. 7.5.53. Excellent exposure. 3 ft. earth wall on sea side gives protection from overexposure.  
1958 Insp Mr Buchanan. Delivery tube to be resoldered to funnel. Near 40 ft exhibit lead down to fresh water level.  
1955 Appears low. Insp 7/56. G. Smith. Site sat.  
1959 Insp 5.11.59 Mr Buchanan. Satisfactory. Level round gauge; anemometer (4') running S.W.-N.E. 10-12 ft S.E. Gauge to be replaced.  
1960 Insp. A.A.V. BUCHANAN. Satisfactory. Gauge still to be replaced.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IJ(33)314140

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1953			KILKEEL	1		000797

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. 6195/8RAINFALL at Newcastle

51

County of DownObserver Alastair Simpson, Esq.River Basin 2-Dundrum Bay + CType of Gauge M.O. MK IIAnnual Average in. based on years obs. un-weighted. Period of average Ref.File No. E.19710/56

Diameter ...						5"					
Height ...						1'0"					
Altitude ...						10'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							6.92	7.74	3.32		
February ...							3.18	5.01	1.06		
March ...						#	6.44	1.86	#		
April ...							.83	1.11			
May ...						1.30	4.23	3.74			
June ...						2.95	.59	7.02			
July ...						4.17	3.92	4.16			
August ...						7.54	6.05	6.78			
September ...						4.67	5.22	8.11			
October ...						2.61	3.96	2.36			
November ...						1.62	2.03	1.81			
December ...						4.78	6.20	5.19			
TOTALS ...						inc up	49.57 d	54.89 d	inc up		

1956: Wall 3'12"E; 6'33"S; 6'15"N.

Inch II 1958 J.B.O.K. 12', 20' SE. Apple tree T, T' NW. Small growing trees may overhelter in time. J. so on.

1959. Terminated.

altitude 3m (Belfast).

000196

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 11377312

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
<u>Apr. 1956</u>			<u>Newcastle</u>	<u>400'</u>	<u>N</u>	<u>Newcastle R.C.</u>	<u>100'</u>	<u>N.</u>

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					

Station No. T.F. 6196

RAINFALL at Silent Valley (Belfast ~~W. 51~~ Waterworks) 51County of Down Observer R. H. McCallaghan, Esq. B.Sc.River Basin 2 - Dundrum Bay & C. L.E.D. B.A.W. Esq. B.A. (1962)Type of Gauge Snowdon M.O.Annual Average 52.80 in. based on 23 years obs. un-weighted. Period of average 1916-50 Ref. 3File No. 66492/26

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	457'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.52	4.62	2.08	2.95	5.90	4.87	5.19	4.77	3.67	6.34	
February ...	3.36	.61	1.98	6.59	5.01	1.42	3.42	5.01	1.83	4.40	
March ...	3.98	3.69	.52	5.01	2.23	2.36	7.25	2.11	3.84	6.91	
April ...	2.67	2.07	2.60	1.01	3.59	1.33	1.75	1.60	2.63	3.90	
May ...	4.10	1.30	2.22	6.48	3.75	1.55	5.54	5.52	1.48	2.53	
June ...	2.52	3.44	1.93	3.97	6.92	3.72	2.29	7.44	2.17	2.84	
July ...	3.61	1.40	(6.83)	4.44	2.76	4.01	5.45	4.18	2.67	9.05	
August ...	6.87	3.99	5.11	3.64	1.81	7.69	6.13	7.78	1.06	5.05	
September ...	5.56	2.83	4.96	5.04	2.71	4.23	8.29	6.87	3.27	4.45	
October ...	0.82	8.14	3.11	8.45	2.84	3.29	5.38	3.44	6.75	7.79	
November ...	9.02	4.40	4.69	8.30	3.13	1.85	2.63	3.14	6.43	5.78	
December ...	6.57	5.02	4.62	6.37	6.37	6.71	6.70	4.75	10.43	5.03	
TOTALS ...	54.60	41.51	40.65	62.25	47.02	43.03	60.02	56.61	46.23	64.07	

1953. July adj M03b.

00404

Imp. II 1958 g. round. Trees 10' all round some overshelting others soon overshelting. Two alternative sites available.

21<sup>st</sup> July 1958 - gauge moved from HGR 305210 to 33-305216. Ht. of new site 432 ft. (Dublin bay)Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 1J 305210

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1930	✓	✓	
		✓	✓	✓	



Station No. T.F. 6197/1

RAINFALL at Annalong (Belfast ~~Waterworks~~)

51

County of Down

Observer R. H. McCullough, Esq. B.Sc.

River Basin 2-Dundrum Bay &amp; C.

R. E. D. B.A.N., Esq. B.A. (1942)

Type of Gauge M.O.

Annual Average 47.5 in. based on years obs. un-weighted. Period of average Ref.

Origin unknown

48.37 " " 16 " " with 1939-57 " " File No. 664992/26

1946-50 23643/58-S

Diameter ...	5"				975	486					
Height ...	1'0"					1		1'2"			
Altitude ...	435'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.77	4.56	1.58	3.37	5.88	4.17	4.70	4.80	3.53	6.32	
February ...	3.04	.61	2.10	5.68	5.12	1.39	3.00	5.91	1.36	3.52	
March ...	4.15	3.54	.55	4.34	2.22	2.07	6.68	2.17	3.90	5.21	
April ...	2.70	2.05	2.70	.98	3.17	1.29	1.52	1.65	3.41	3.20	
May ...	2.90	2.05	2.08	6.87	3.99	1.45	6.61	5.52	1.96	2.05	
June ...	2.46	3.38	2.22	3.63	6.64	2.94	2.02	7.47	2.27	3.32	
July ...	3.33	1.47	6.53	4.01	2.38	3.39	5.39	4.49	2.54	7.57	
August ...	5.84	3.53	4.86	4.01	1.58	7.12	5.81	8.03	.91	4.96	
September ...	3.93	2.60	3.93	5.06	2.63	5.02	6.60	5.97	2.88	4.19	
October ...	0.71	6.57	2.99	7.04	2.53	2.96	5.36	3.22	5.90	6.81	
November ...	7.83	3.72	5.12	7.53	3.28	1.82	3.16	3.11	5.41	5.81	
December ...	6.13	4.29	4.27	6.28	5.34	5.03	5.91	4.82	8.12	4.16	
TOTALS ...	47.79	38.37	38.93	58.80	44.81	38.85	56.76	57.16	42.19	57.12	

Imp. II 1957 J.B.O.B. g. some. Site over-affected SW-SE. Present turf well too small.  
Standard turf well rec.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 1J 355225

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						000794

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1923 D 24-30	✓ ✓	✓ ✓	



RAINFALL at Grouse Mountain (Slieve Donard) 51

County of Down Observer R. H. McCullough, Esq., B.Sc.

River Basin Dundrum Bay & C. R. E. D. BAIN, Esq., B.A. (1932)

Type of Gauge Octapent

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

" " 72.13 " " 15 " within 1939-57 " " 1916-50 664992/26

File No. E 23643/26

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	1320'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.80	(6.50)	2.70	4.60	6.55	5.75	9.05	9.35	(4.50)	8.90	
February ...	5.30	1.25	(3.00)	8.65	8.80	2.60	4.60	8.05	1.95	6.10	
March ...	6.15	4.60	.80	8.90	2.95	2.80	9.85	3.35	5.85	6.60	
April ...	4.55	3.80	3.60	1.35	4.00	2.60	2.15	2.90	4.40	4.50	
May ...	5.50	1.90	4.05	9.60	5.50	2.25	5.60	7.40	2.35	2.70	
June ...	2.75	5.10	3.85	5.10	7.60	5.25	1.60	10.25	3.00	4.00	
July ...	5.20	3.10	8.30	5.70	2.20	6.40	10.85	5.80	3.75	9.65	
August ...	9.50	6.20	6.40	4.85	2.20	11.30	8.05	10.45	1.25	6.40	
September ...	5.80	4.35	6.40	8.05	3.90	6.60	11.05	10.10	3.85	4.80	
October ...	1.80	12.75	3.95	12.10	3.20	4.50	6.70	4.10	7.65	9.40	
November ...	12.40	6.00	7.65	10.40	4.45	3.20	4.60	4.05	9.65	7.45	
December ...	8.50	6.10	6.20	8.75	8.30	8.90	8.50	6.40	14.00	6.50	
TOTALS ...	76.25	61.65	56.90	88.05	59.65	62.15	82.60	82.10	62.20	77.00	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan amended M03b.  
1953 Feb. amended M03b. Eng. agreeo.  
1955 Jan & June cor'd M03.  
Imp. II 1958 J.B.D.K. by. ward. As reasonable exposure as can be expected at this height in the area with turf walls.  
1959 Jan. est. in M03b.  
400004  
40000420004

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 1J 322255

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						000 / 93

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C N.P. 39	✓	



Station No. 6197/6 51

RAINFALL at Maume mountains (Lough Shanagh)

County of Down Observer R. H. McCullough Esq. B.Sc.

River Basin 2-Dundrum Bay & C. R. D. Bain, Esq. B.A. (1952)

Type of Gauge 4.0. Bradford.

Annual Average 65.6 in. based on 9 years obs. un-weighted. Period of average 1940-48 Ref. A.W.S.
72.81 15 1939-57 1916-50 66499.5/26
File No. E 42646/58

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and totals.

Imp. II 1958 J.B.O.K. g. sound. site over-extended for walls from all directions except NW-NE.
Turf wall will be difficult to construct & maintain.
1957. Jan. est. 103b. Engr. agreed. 40004

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 15 298259

Table with 7 columns: Date, Lat. N., Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No. T.F. 6197/8

RAINFALL at troune mountains (Believe Beannagh)

51

County of Down

Observer R.H. McGeough, Esq., B.Sc.

River Basin Dundrum Bay & C.

H.E.D. B.A.W., Esq. B.A. (1952)

Type of Gauge Detachable Bradford

Annual Average in. based on years obs. un-weighted. Period of average Ref.

" 74.78 " 13 " within 1939-57 " 1916-59 File No. 664962/26

Diameter ...	5"				975	629					
Height ...	1' 0"					1					
Altitude ...	1954'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.35	6.10	2.85	3.35	6.40	(5.60)	9.35	8.45	3.70	7.30	
February ...	4.10	1.25	2.95	9.55	7.20	1.85	4.00	6.65	2.60	6.15	
March ...	5.10	4.65	1.50	7.80	2.30	2.56	9.70	2.00	7.20	5.20	
April ...	2.40	3.95	2.45	1.30	4.20	1.75	2.75	2.00	4.50	5.40	
May ...	3.10	1.50	4.40	6.20	4.95	2.25	4.60	6.00	2.00	2.70	
June ...	3.10	4.10	3.10	4.40	(7.30)	5.00	1.60	9.15	3.20	5.20	
July ...	4.50	2.85	8.10	5.80	2.30	5.80	9.35	5.25	4.50	10.00	
August ...	7.55	5.20	6.10	5.10	2.05	(10.20)	7.65	10.15	1.50	6.10	
September ...	6.40	3.10	5.95	7.35	3.55	6.58	10.75	10.00	2.45	5.15	
October ...	1.55	6.55	5.70	11.65	3.10	5.05	7.55	4.20	8.15	9.50	
November ...	9.10	5.15	7.45	10.95	4.35	3.10	3.50	4.15	7.00	8.75	
December ...	7.40	5.55	6.25	7.20	7.10	7.40	9.40	5.95	12.00	6.55	
TOTALS ...	60.65	49.95	56.80	80.65	55.30	57.14	80.20	73.65	58.80	78.00	
	M.n.p.	M.N.P.	M.n.p.	M	M	M	M	M	M	M	

1951 N.P. low.  
1952 N.P. low.  
1953 n.p. low. Eng. states gauge outer container leaking on 2/4/53. new container fitted. Unable to account for low total with new gauge but will look for better site. 2/54.  
1954 Print. 1955. June amended. M.O. 35.  
1956 August 9. 21. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575. 2576. 2577. 2578. 2579. 2580. 2581. 2582. 2583. 2584. 2585. 2586. 2587. 2588. 2589. 2590. 2591. 2592. 2593. 2594. 2595. 2596. 2597. 2598. 2599. 2600. 2601. 2602. 2603. 2604. 2605. 2606. 2607. 2608. 2609. 2610. 2611. 2612. 2613. 2614. 2615. 2616. 2617. 2618. 2619. 2620. 2621. 2622. 2623. 2624. 2625. 2626. 2627. 2628. 2629. 2630. 2631. 2632. 2633. 2634. 2635. 2636. 2637. 2638. 2639. 2640. 2641. 2642. 2643. 2644. 2645. 2646. 2647. 2648. 2649. 2650. 2651. 2652. 2653. 2654. 2655. 2656. 2657. 2658. 2659. 2660. 2661. 2662. 2663. 2664. 2665. 2666. 2667. 2668. 2669. 2670. 2671. 2672. 2673. 2674. 2675. 2676. 2677. 2678. 2679. 2680. 2681. 2682. 2683. 2684. 2685. 2686. 2687. 2688. 2689. 2690. 2691. 2692. 2693. 2694. 2695. 2696. 2697. 2698. 2699. 2700. 2701. 2702. 2703. 2704. 2705. 2706. 2707. 2708. 2709. 2710. 2711. 2712. 2713. 2714. 2715. 2716. 2717. 2718. 2719. 2720. 2721. 2722. 2723. 2724. 2725. 2726. 2727. 2728. 2729. 2730. 2731. 2732. 2733. 2734. 2735. 2736. 2737. 2738. 2739. 2740. 2741. 2742. 2743. 2744. 2745. 2746. 2747. 2748. 2749. 2750. 2751. 2752. 2753. 2754. 2755. 2756. 2757. 2758. 2759. 2760. 2761. 2762. 2763. 2764. 2765. 2766. 2767. 2768. 2769. 2770. 2771. 2772. 2773. 2774. 2775. 2776. 2777. 2778. 2779. 2780. 2781. 2782. 2783. 2784. 2785. 2786. 2787. 2788. 2789. 2790. 2791. 2792. 2793. 2794. 2795. 2796. 2797. 2798. 2799. 2800. 2801. 2802. 2803. 2804. 2805. 2806. 2807. 2808. 2809. 2810. 2811. 2812. 2813. 2814. 2815. 2816. 2817. 2818. 2819. 2820. 2821. 2822. 2823. 2824. 2825. 2826. 2827. 2828. 2829. 2830. 2831. 2832. 2833. 2834. 2835. 2836. 2837. 2838. 2839. 2840. 2841. 2842. 2843. 2844. 2845. 2846. 2847. 2848. 2849. 2850. 2851. 2852. 2853. 2854. 2855. 2856. 2857. 2858. 2859. 2860. 2861. 2862. 2863. 2864. 2865. 2866. 2867. 2868. 2869. 2870. 2871. 2872. 2873. 2874. 2875. 2876. 2877. 2878. 2879. 2880. 2881. 2882. 2883. 2884. 2885. 2886. 2887. 2888. 2889. 2890. 2891. 2892. 2893. 2894. 2895. 2896. 2897. 2898. 2899. 2900. 2901. 2902. 2903. 2904. 2905. 2906. 2907. 2908. 2909. 2910. 2911. 2912. 2913. 2914. 2915. 2916. 2917. 2918. 2919. 2920. 2921. 2922. 2923. 2924. 2925. 2926. 2927. 2928. 2929. 2930. 2931. 2932. 2933. 2934. 2935. 2936. 2937. 2938. 2939. 2940. 2941. 2942. 2943. 2944. 2945. 2946. 2947. 2948. 2949. 2950. 2951. 2952. 2953. 2954. 2955. 2956. 2957. 2958. 2959. 2960. 2961. 2962. 2963. 2964. 2965. 2966. 2967. 2968. 2969. 2970. 2971. 2972. 2973. 2974. 2975. 2976. 2977. 2978. 2979. 2980. 2981. 2982. 2983. 2984. 2985. 2986. 2987. 2988. 2989. 2990. 2991. 2992. 2993. 2994. 2995. 2996. 2997. 2998. 2999. 3000. 3001. 3002. 3003. 3004. 3005. 3006. 3007. 3008. 3009. 3010. 3011. 3012. 3013. 3014. 3015. 3016. 3017. 3018. 3019. 3020. 3021. 3022. 3023. 3024. 3025. 3026. 3027. 3028. 3029. 3030. 3031. 3032. 3033. 3034. 3035. 3036. 3037. 3038. 3039. 3040. 3041. 3042. 3043. 3044. 3045. 3046. 3047. 3048. 3049. 3050. 3051. 3052. 3053. 3054. 3055. 3056. 3057. 3058. 3059. 3060. 3061. 3062. 3063. 3064. 3065. 3066. 3067. 3068. 3069. 3070. 3071. 3072. 3073. 3074. 3075. 3076. 3077. 3078. 3079. 3080. 3081. 3082. 3083. 3084. 3085. 3086. 3087. 3088. 3089. 3090. 3091. 3092. 3093. 3094. 3095. 3096. 3097. 3098. 3099. 3100. 3101. 3102. 3103. 3104. 3105. 3106. 3107. 3108. 3109. 3110. 3111. 3112. 3113. 3114. 3115. 3116. 3117. 3118. 3119. 3120. 3121. 3122. 3123. 3124. 3125. 3126. 3127. 3128. 3129. 3130. 3131. 3132. 3133. 3134. 3135. 3136. 3137. 3138. 3139. 3140. 3141. 3142. 3143. 3144. 3145. 3146. 3147. 3148. 3149. 3150. 3151. 3152. 3153. 3154. 3155. 3156. 3157. 3158. 3159. 3160. 3161. 3162. 3163. 3164. 3165. 3166. 3167. 3168. 3169. 3170. 3171. 3172. 3173. 3174. 3175. 3176. 3177. 3178. 3179. 3180. 3181. 3182. 3183. 3184. 3185. 3186. 3187. 3188. 3189. 3190. 3191. 3192. 3193. 3194. 3195. 3196. 3197. 3198. 3199. 3200. 3201. 3202. 3203. 3204. 3205. 3206. 3207. 3208. 3209. 3210. 3211. 3212. 3213. 3214. 3215. 3216. 3217. 3218. 3219. 3220. 3221. 3222. 3223. 3224. 3225. 3226. 3227. 3228. 3229. 3230. 3231. 3232. 3233. 3234. 3235. 3236. 3237. 3238. 3239. 3240. 3241. 3242. 3243. 3244. 3245. 3246. 3247. 3248. 3249. 3250. 3251. 3252. 3253. 3254. 3255. 3256. 3257. 3258. 3259. 3260. 3261. 3262. 3263. 3264. 3265. 3266. 3267. 3268. 3269. 3270. 3271. 3272. 3273. 3274. 3275. 3276. 3277. 3278. 3279. 3280. 3281. 3282. 3283. 3284. 3285. 3286. 3287. 3288. 3289. 3290. 3291. 3292. 3293. 3294. 3295. 3296. 3297. 3298. 3299. 3300. 3301. 3302. 3303. 3304. 3305. 3306. 3307. 3308. 3309. 3310. 3311. 3312. 3313. 3314. 3315. 3316. 3317. 3318. 3319. 3320. 3321. 3322. 3323. 3324. 3325. 3326. 3327. 3328. 3329. 3330. 3331. 3332. 3333. 3334. 3335. 3336. 3337. 3338. 3339. 3340. 3341. 3342. 3343. 3344. 3345. 3346. 3347. 3348. 3349. 3350. 3351. 3352. 3353. 3354. 3355. 3356. 3357. 3358. 3359. 3360. 3361. 3362. 3363. 3364. 3365. 3366. 3367. 3368. 3369. 3370. 3371. 3372. 3373. 3374. 3375. 3376. 3377. 3378. 3379. 3380. 3381. 3382. 3383. 3384. 3385. 3386. 3387. 3388. 3389. 3390. 3391. 3392. 3393. 3394. 3395. 3396. 3397. 3398. 3399. 3400. 3401. 3402. 3403. 3404. 3405. 3406. 3407. 3408. 3409. 3410. 3411. 3412. 3413. 3414. 3415. 3416. 3417. 3418. 3419. 3420. 3421. 3422. 3423. 3424. 3425. 3426. 3427. 3428. 3429. 3430. 3431. 3432. 3433. 3434. 3435. 3436. 3437. 3438. 3439. 3440. 3441. 3442. 3443. 3444. 3445. 3446. 3447. 3448. 3449. 3450. 3451. 3452. 3453. 3454. 3455. 3456. 3457. 3458. 3459. 3460. 3461. 3462. 3463. 3464. 3465. 3466. 3467. 3468. 3469. 3470. 3471. 3472. 3473. 3474. 3475. 3476. 3477. 3478. 3479. 3480. 3481. 3482. 3483. 3484. 3485. 3486. 3487. 3488. 3489. 3490. 3491. 3492. 3493. 3494. 3495. 3496. 3497. 3498. 3499. 3500. 3501. 3502. 3503. 3504. 3505. 3506. 3507. 3508. 3509. 3510. 3511. 3512. 3513. 3514. 3515. 3516. 3517. 3518. 3519. 3520. 3521. 3522. 3523. 3524. 3525. 3526. 3527. 3528. 3529. 3530. 3531. 3532. 3533. 3534. 3535. 3536. 3537. 3538. 3539. 3540. 3541. 3542. 3543. 3544. 3545. 3546. 3547. 3548. 3549. 3550. 3551. 3552. 3553. 3554. 3555. 3556. 3557. 3558. 3559. 3560. 3561. 3562. 3563. 3564. 3565. 3566. 3567. 3568. 3569. 3570. 3571. 3572. 3573. 3574. 3575. 3576. 3577. 3578. 3579. 3580. 3581. 3582. 3583. 3584. 3585. 3586. 3587. 3588. 3589. 3590. 3591. 3592. 3593. 3594. 3595. 3596. 3597. 3598. 3599. 3600. 3601. 3602. 3603. 3604. 3605



Station No. .... M. 6198

RAINFALL at Howe Mountains (Tofany Reservoir)

51

County of Dawn

Observer J. E. Goodale, Esq., M.A.M. 907 C

River Basin.....Dundrum Bay CC

R. I. Teggart Esq. B.A.  
Portadown and Banbridge  
Regional Waterworks Joint Board.

Type of Gauge.....Snowdon.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

No average worked - big

File No. 746989/27

Diameter ...	5"				975	115					
Height ...	1' 0"					1		1' 0"			
Altitude ...	938'					51		950			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.18	7.04	1.42	4.31	8.40	6.32	11.94	10.82	4.12	7.90	
February ...	8.24	1.32	2.64	11.36	10.07	1.32	8.25	5.68	2.73	9.65	
March ...	5.86	5.14	.53	10.28	4.28	5.63	9.34	4.35	7.21	7.53	
April ...	3.37	4.39	3.39	.86	5.83	2.07	2.09	2.02	5.04	7.14	
May ...	5.48	2.42	5.74	8.60	6.83	1.45	3.98	7.67	2.89	3.14	
June ...	3.90	3.12	(2.70)	-100	8.22	4.31	1.60	11.61	2.28	4.88	
July ...	4.52	2.08	7.22	5.20	2.27	5.87	9.42	6.26	4.51	10.68	
August ...	10.28	7.09	6.09	4.79	2.52	10.94	7.00	10.40	1.91	5.91	
September ...	8.35	2.15	7.57	12.55	4.17	7.80	9.11	13.75	4.04	5.85	
October ...	0.88	14.44	5.99	11.49	4.54	4.36	6.70	4.57	7.54	18.45	
November ...	21.79	5.04	8.73	17.93	6.06	2.96	4.65	3.00	9.23	9.94	
December ...	8.54	5.16	7.47	7.04	10.07	12.74	12.78	9.12	(15.71)	5.57	
TOTALS ...	89.36 NP	59.39 NP	59.49 NP	100 NP	73.56 NP	65.77 NP	86.86 NP	89.25 NP	67.21 NP	93.14 NP	

1957 N.P. High.

1952 N.P. High.

1953 N. Print (big) June. est

1954 up, nice, dry  
1. To 1954 Box 88

1955 np. much too high.

1957 np. fig

1958 nr big

<sup>1954 up m. log.</sup>  
Prof. Th. 1954 / BOK. S.S. leak at d. tube by, surrounded by bank, not turf wall. Check gauge in good site  
at 100 yd. NE. Present g. near bee. over-sheltered to E & W by trees

Check gauge at same site 6.98/11

Informal 1948 that recommendations of report have been carried out.

1959 1-20 Dec est in M03b. np high. 1960: n.p. by.

(Note on report of P. Crowdsale of Crowdsale, Legent Civil Rights, read for Sally's group. Action has been taken over by B. Samay of Home)

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 15 285291

[illegible]

*Summary of Earlier Records from 10-year Sheets :*

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓ but d '30	✓ ✓	✓ np. 43-50. ✓ but d 48	



black gauge

RAINFALL at Moine Mountains (Toffany Reservoir)

Station No. 6198/1 975116

51

County of Down

Observer Potlendon & Banbridge Regional Waterworks Joint Board

River Basin Dundrum Bay & C-2

Type of Gauge H.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 746989/27

Diameter ...						5"					
Height ...						1'					
Altitude ...						940'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							9.55	8.82	3.51	7.14	
February ...							6.21	4.93	2.38	8.58	
March ...							6.71	3.30	6.07	6.86	
April ...							1.82	1.67	4.24	6.49	
May ...							3.38	6.96	2.47	3.20	
June ...						5.85	1.38	10.18	1.86	4.64	
July ...						5.11	7.80	5.45	3.78	10.01	
August ...						9.77	6.04	9.20	1.65	5.55	
September ...						7.01	6.96	11.72	3.72	5.40	
October ...						3.73	5.65	4.24	6.75	14.94	
November ...						2.61	3.86	2.49	8.35	9.18	
December ...						11.14	10.18	8.06	(14.82)	5.14	
TOTALS ...						inc	69.54	77.02	59.60	87.13	

1956 Earth Dam 960' 100 yds S.W.  
1959 1st-20th Dec. est. in 1703 &.

000789

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 12284291

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. M. 6199

51

RAINFALL at Seaford

County of Down Observer Lt. Col. D. C. Ford

River Basin 2- Dundrum Bay & C.

Type of Gauge Geisler M.O. MKI (BRO fund)

Annual Average 38.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N  
41.38 " " " " " " " 1916-1950 1916-1950 P  
File No. 666922/26

Diameter ...	8"										
Height ...	1' 0"							10			
Altitude ...	180'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.50	3.24	1.33	2.69	4.17	3.68	5.65	3.62	2.36	4.65	
February ...	4.23	.54	1.04	4.38	3.58	1.10	4.18	4.77	1.08	2.81	
March ...	3.03	1.41	.44	4.16	1.73	1.80	4.43	2.24	4.43	3.13	
April ...	1.73	1.88	2.08	.60	2.19	1.93	1.15	1.61	3.19	3.65	
May ...	3.64	1.90	2.68	4.57	2.90	.87	2.89	4.41	1.91	2.14	
June ...	1.85	2.22	1.65	2.56	5.13	3.33	1.16	7.28	2.89	2.07	
July ...	3.21	1.51	4.18	3.59	3.65	3.12	4.48	4.53	2.61	5.41	
August ...	4.15	4.93	3.55	2.86	1.21	7.90	4.83	5.57	.56	5.20	
September ...	3.21	1.73	2.78	5.00	2.15	4.67	5.11	7.31	2.45	3.54	
October ...	0.51	6.13	2.54	7.01	2.39	2.44	4.06	2.50	3.92	4.73	
November ...	6.85	2.86	3.41	7.49	3.52	2.34	2.97	2.14	3.91	4.87	
December ...	3.58	3.03	3.34	4.81	6.16	4.78	6.01	5.08	5.60	3.29	
TOTALS ...	40.49	31.38	29.02	50.22	38.78	37.96	46.92	51.06	34.91	45.49	

1952 Oct-Dec daily values doubtful measure broken.  
Imp. 1953 J.B.O.K. Tress 45', 45' NE, 20', 30' SSE, 35', 70' E. otherwise satisfactory exposure.  
Uncertified measure. G.S.A. gauge in better site where it is rec. that it should be moved.  
1957 High, but accept.  
1959 MKI gauge supplied by B.R.O. fund of R. Met. Soc. 1/6/59. G. installed 1-7-59  
1958 rain days high but accepted

000788

Position of Station on Ordnance One-Inch map : No. of Map..... Irish National Grid Reference IA 402435

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓	✓	



RAINFALL at Donpatrick (Donn High School)

Station No. M 6199/3

51

County of Don

Observer per Government of N. Ireland.

River Basin 3 - Strangford Lough

S. Lyons, Esq.\*

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E 12625/50

Diameter in.			5								
Height ft. in.			1 0								
Altitude ft.			80								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	# 2.89	.84	1.90	3.58							
February ...	.26	.86	2.73	3.08							
March ...	1.42	.28	4.35	1.48							
April ...	1.43	1.50	.33	1.75							
May ...	1.61	2.11	3.30	2.91							
June ...	1.55	1.44	2.06								
July ...	1.39	3.50	2.70								
August ...	4.65	3.22	2.42								
September ...	1.06	2.61	3.96								
October ...	5.45	2.44	5.30								
November ...	2.44	3.05	6.06								
December ...	3.07	3.28	3.47								
TOTALS ...	27.22	25.13	38.58								

1955 Gauge broken by vandals 26/6/55 - No decision reached re replacement.  
1956 Engineer investigating possibility re-opening. 29.5.56 Gauge removed site considered unsuitable.

000787

\* Per Government of N. Ireland.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



## RAINFALL

Station Killyleagh Primary School No. 96-972743  
 County Down (Old No. 6199/4)  
 Authority Killyleagh Primary School Grid Ref. 15(33) 522531  
 Altitude 40' 00" ft.  
 River Basin CONICAL : Lagan to Quella  
 File 2647 TF 51 MWR | m | a Tributary —

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.43	3.31	0.83	2.33	3.72	3.64	3.82	3.69	1.89	3.32	2.997
February...	3.21	.42	1.10	3.57	3.70	.93	2.53	3.56	.86	2.59	2.257
March ...	2.50	1.11	.27	4.03	1.33	1.23	3.65	1.65	3.16	2.57	2.160
April ...	1.51	3.36	1.65	.49	2.06	.60	.97	.96	2.09	3.07	1.676
May ...	3.11	1.21	2.26	3.60	1.21	.75	2.26	3.04	1.66	2.00	2.170
June ...	1.61	2.31	1.26	1.39	3.95	2.65	.61	4.66	3.34	1.65	2.393
July ...	2.47	1.22	3.62	2.23	1.23	3.17	2.39	4.00	2.00	1.49	2.607
August ...	3.73	5.93	2.81	2.74	1.50	5.73	3.00	3.93	1.04	4.21	3.469
September	3.02	1.69	2.58	3.99	2.01	3.44	3.48	5.91	2.03	2.92	3.107
October ...	0.32	5.36	1.36	5.46	1.73	1.71	3.53	2.20	3.31	4.71	3.030
November	6.16	2.90	3.29	6.68	3.02	1.23	1.75	1.57	3.35	3.05	3.505
December	3.55	3.54	3.26	3.89	3.83	3.79	4.87	4.90	4.59	2.07	3.829
TOTAL ...	34.67	32.36	24.79	40.95	30.04	28.89	32.91	40.11	29.32	33.46	33.270
Percentage											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 ..... in. ....

1916-1950 ..... in. ....

..... in. ....

Type and capacity of gauge Howard (5-inch.)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) d. 1943 to 5/1955 theme D

\*NOTES on years with incomplete or unsatisfactory data:-

Data received retrospectively in August 1963. Monthly totals only for 1951-53  
based on daily values or accumulations not known back. From Jan. 1954  
daily values received, corrected to normal standard dating procedure.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:SW



Station No. M 6199/5/1

RAINFALL at Lough Cowey (Waterworks)

51

County of DOWN - N. Ireland Observer H. S. L. Knight, Esq., C.E.

River Basin STRANGFORD LOUGH - 3

Type of Gauge Snowdon

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E. 19338/55

Diameter ...				971 049		5"					
Height ...				1		1' 0"		11"			
Altitude ...				51		45					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				2.11	3.33	4.14	4.14	3.50	1.98	3.67	
February ...				3.47	2.88	0.99	2.55	3.30	.93	2.76	
March ...				3.98	1.33	1.56	3.71	1.68	2.54	2.37	
April ...				1.01	1.56	.69	.85	.85	2.00	3.03	
May ...				3.02	2.15	.81	1.97	3.30	1.46	2.21	
June ...				2.30	4.07	2.15	.60	4.61	2.03	1.55	
July ...				2.12	1.24	4.35	2.69	3.75	1.34	4.86	
August ...				2.83	1.37	6.81	2.91	4.71	.74	4.14	
September ...				4.23	2.52	3.94	3.79	5.47	2.00	2.77	
October ...				5.38	1.87	1.74	3.51	1.82	3.24	4.07	
November ...				6.33	2.89	1.32	1.49	1.78	3.68	5.64	
December ...				3.55	4.38	4.15	5.24	5.83	4.84	2.46	
TOTALS ...				40.33	29.59	32.65	33.45	40.60	26.78	39.53	
				np.	d	d	d	d	d	d	

1956: Pump House 15' 30' SSE. 1954 back recorded 3/56. 1955 - Printed.  
Jup 1958 BOK. Electric Pole (thin) 45' 33' SW. Site slightly over-exposed NW-S-SE. of road.

000786

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference II 596545

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					1954 b.yr. 1955



Station No. 6199/17 M

RAINFALL at Downpatrick (The mole)

51

County of Down Observer E. A. Smith, Esq.

River Basin 3-Strangford-Lough

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref. S.
33.72 19 within 1933-57 1916-50
File No. E 12625/50

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and totals.

1951 Seems reasonable print.
1955 Record N/R
1956 Engineer investigating possible re-opening: Re-opened w.e.f. 20.5.56. Gauge moved to better position as previously oversheltered.
July 1958 J.B.O.K. by rain. Site overhauled all round and fully oversheltered ssw-w. No alternative site. Unsettled measures.
1957 May-July records look.
1958 w/h too much ext. April and Sept Est. 1959 print.
\* per Government of N. Ireland.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference JJ483444

Table with 8 columns: Date, Lat. N, Long, Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No.

20/3/62  
6200/6

RAINFALL at

BALLYNAHINCH SPA

51

County of Down

Observer

JAGJ Robb, Esq.

River Basin

3 - STRANGFORD LOUGH

Type of Gauge

B.A.

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

File No.

E9522/49

E19803/56

Diameter ...					5"						
Height ...					1' 0"			9"			
Altitude ...					285'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						3.75	5.89	4.71			
February ...						.91	1.15	5.04			
March ...						1.81	3.44	1.48			
April ...						1.52	.94	1.32			
May ...						.86	2.74	3.48			
June ...					# 3.80	2.85	.83	6.54			
July ...					1.75	3.12	4.95				
August ...					1.25	6.35	2.32				
September ...					2.04	4.23	5.38				
October ...					1.82	1.94	3.69	2.86			
November ...					3.23	2.23	2.93	1.46			
December ...					4.11	4.06	5.70				
TOTALS ...						33.63	39.96				
						d	d	2 1/2 in			

This station commenced in 1949  
1955 Screen 4' 12' ESE: Note time of reading gauge on 1090 [Winter 4.30pm. Summer 8.15pm] - Obs'r will endeavour to read at standard hour in future - Letter 5.4.56.

1956 low but accepted

Inst. I 1955 J.B.O.K. G. sound. Side satisfactory. Keen observer. No arrangements for observer's absence. Certified flat-bottomed measure.

1958 wh in

1962 Terminated before 1960

000784

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference I.J. 375481

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1956			Belfast	15 m	N	Magherafelt	1 1/2 m	WSW

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



Station No. 6201/4

RAINFALL at Camber (Ballywilliam)

51

County of Down Observer J. L. O. Andrews Esq.

River Basin 3- STRANGFORD Lough 1953. Mrs H. L. E. Andrews.

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. F.142.64/52

Diameter ...		5"									
Height ...		1' 0"									
Altitude ...		160'		150'							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		3.73	1.15	2.91							
February ...		.72	1.01	3.15							
March ...		1.01	.27	#							
April ...		1.51	1.56								
May ...		1.40	2.05								
June ...		2.09	1.68								
July ...		1.36	4.24								
August ...		5.92	2.60								
September ...		1.30	2.31								
October ...		3.48	2.42								
November ...		2.43	2.06								
December ...		3.36	2.22								
TOTALS ...		28.31	23.57								

1953. Gauge 8' high 15' E, tree 30' high 60' SW, ho. 20' high 48' S.  
T. owing to absence of observer from home. 28.4.54. J.O.P.  
1954 values copied from F.1090, now in file.

000783

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1953.			Camber.	1 3/4 m.	NNE	Camber	2	NNE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60

RAINFALL at Greyabbey, Hollow Dene <sup>(Hollowdene)</sup> Station No. 6201/5 **51**  
Lewtownards Grey Abbey  
County of Down Observer Jas. T. Barnes, Esq.  
River Basin 3- Strangford Lough  
Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
File No. E 19625/50

Diameter ...	5"										
Height ...	1'0"										
Altitude ...	6'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.72	3.31	.84	2.06							
February ...	2.91	.40	.95	3.11							
March ...	2.77	1.01	.21	4.08							
April ...	1.81	1.47	1.78	.45							
May ...	2.64	1.14	2.15	2.73							
June ...	1.33	1.52	1.60	1.93							
July ...	2.82	1.36	4.62								
August ...	3.38	4.61	2.81								
September ...	1.86	1.11	2.37								
October ...	.05	4.03	2.03								
November ...	5.95	2.22	2.86								
December ...	4.16	3.22	3.18								
TOTALS ...	34.40 d	25.40 d	25.40 d								

1954 1. 3/July. Hope to resume in new different site in near future.

000782

\* per Government of N. Ireland

Position of Station on Ordnance One-Inch map :				No. of Map.....	National Grid Reference <u>33-579679</u>		
Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance
				from gauge			from gauge.

Summary of Earlier Records from 10-year Sheets :

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1930	✓ D 35-40	1941-'45. D 1947 1948 1949 1950 ump NPA ump D	



Station No. 6201/7 MWR.

RAINFALL at DUNDONALD (Heathside)

51

County of DOWR Observer W.R. McKIBBIN, ESQ.

River Basin 3 - STRANGFORD

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E 16023/53

Diameter ...	971	920	5"		5"				5"		
Height ...		1	1' 0"		1' 0"				0' 11"		
Altitude ...		51	97"		105'				105'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...			100	2.52	4.20	4.02	4.20	3.85	2.11	4.01	
February ...				3.49	3.28	1.14	2.66	4.21	.89	2.82	
March ...				4.40	1.59	1.49	3.00	2.09	2.88	100	
April ...				0.50	2.00	.73	.97	1.95	3.41		
May ...				4.40	2.90	1.26	2.65	2.87	1.84		
June ...				2.57	5.10	2.53	.74	5.22	2.85		
July ...			100	3.41	1.39	3.36	4.46	3.97	1.96	100	
August ...			# 2.62	3.41	1.67	7.22	4.77	3.92	1.18	5.00	
September ...			2.66	3.89	3.42	3.96	4.63	5.89	1.36	3.57	
October ...			2.67	5.53	2.35	1.88	3.23	2.10	3.95	5.90	
November ...			3.55	6.25	3.10	1.27	2.21	2.08	3.47	5.34	
December ...			2.96	5.00	5.40	4.12	4.81	5.45	5.12	2.33	
TOTALS ...			100 n.p.m.	45.37 D	36.70 D	39.98 D	38.23 D	43.60 D	31.02 D	100 14c. n.p.	

1904 Imp. N. Buchanan 24.6. Excellent observ. incl. of gauge v. satisfactory but site overshadowed. Best available  
1954 Imp. 13.10.59 M. R.A. Buchanan - No change, still overshadowed, may move to better site

000781

Position of Station on Ordnance One-Inch map : No. of Map 314 National Grid Reference J 426 728

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Dundonald	1/4 ml.		

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. 6201/8

RAINFALL at Ballywater Park

51

County of Down Observer Lord Dunleath

River Basin 4 - Coast Stream

Type of Gauge B.A.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref S
34.15 24 with 1933-57 1916-50
File No. E13520/51

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

1952 G. moved 1.1 SE to that position - 20' away N 8 3' high
1956 Letter to Head Gardener re completion of F.1096 10.5.56
1958 Agreed to forward monthly card F.1096 wof July 56
Inst. I.H. 58 J.B.O.K. Bush 5 1/2' 5' W. otherwise satisfactory exposure. Uncertified measure.

000780

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TJ620682
Table with 7 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.
Summary of Earlier Records from 10-year Sheets :
Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60



# Air Ministry, Meteorological Office

29A

RAINFALL at

DONAGHADEE

Station No. 6202/b

County of Down

Observer C.J. Cunningham, Esq.

River Basin

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. (MO Belfast 2560)

Diameter ...	5"											
Height ...	12"											
Altitude ...	40ft											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.81	3.45	0.98	(3.20)	3.34	2.43	3.50	3.98	2.08	3.18		
February ...	2.64	.49	.85	3.30	2.69	.68	1.81	3.54	.75	2.49		
March ...	3.00	1.20	.26	3.62	1.35	1.19	2.90	1.56	2.58	1.93		
April ...	1.36	1.58	1.56	.59	1.65	.62	.97	1.04	1.81	2.62		
May ...	3.01	1.23	1.69	2.29	2.10	.93	1.38	2.91	.92	1.86		
June ...	1.24	1.63	1.16	2.09	3.73	2.35	.69	4.08	2.54	1.97		
July ...	2.52	1.66	4.17	2.88	1.30	3.37	3.03	4.03	2.28	5.51		
August ...	3.92	5.38	2.86	2.55	1.63	5.57	2.99	3.79	1.42	4.45		
September ...	2.02	1.74	2.71	2.99	2.75	3.22	4.03	4.31	1.68	3.27		
October ...	0.23	3.94	1.98	5.20	2.14	1.93	3.38	2.35	3.32	5.07		
November ...	5.54	2.96	3.54	5.04	2.35	1.20	1.31	1.54	2.72	5.24		
December ...	4.30	3.81	2.96	3.92	4.07	(2.50)	3.98	6.31	4.63	2.25		
TOTALS ...	33.59	29.07	24.72	37.67	29.10	25.99	29.97	39.44	26.73	39.84		

Obtained from N.I. Ministry of Finance, and re-checked alongside Orlock Resvr. obs. (December, 1960)



12/1960 site obstructions: Wall 7' @ 12' East.

Rain days	1958	1959	1960
Wet days	194	166	166
	166	126	

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference J.583802

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60

PRB/MQ36



Station No. 6892/7 51

RAINFALL at Donaghadee (Belvedere)

County of Down Observer D. Mitchell, Esq.

River Basin 4 - Coast Streams

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E.12302/50

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	94' 50"	94'									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.67	3.29									
February ...	2.48	.46									
March ...	2.93	1.17									
April ...	1.45	1.60									
May ...	2.93	1.10									
June ...	1.22	1.86									
July ...	2.61	1.66									
August ...	3.94	5.15									
September ...	2.02	1.59									
October ...	.23	3.73									
November ...	5.52	2.77									
December ...	4.04	3.69									
TOTALS ...	33.04	28.07	N.R.	N.R.							

1953. Records misplaced & lost by observer  
1954. No reply to CWS (1/4) or letter (20/4).  
1955. New measure purchased (27/4).  
1958. Regarded as Terminated, although observer states he might resume later.

000779

Position of Station on Ordnance One-Inch map :			No. of Map .....		National Grid Reference .....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
						Donaghadee	1 1/2 ml SE.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
					C imp 1950	



Station No. M 6203

RAINFALL at Donaghadee (Bragmore)

51

County of Down Observer Miss E. E. Coates

River Basin 4 - Coast Streams

Type of Gauge Shadon

Annual Average 30.6 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. 645770 P/25

Diameter ...	5"				970	888					
Height ...	1'0"					1					
Altitude ...	60'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.81	3.45	0.98								
February ...	2.64	.49	.85								
March ...	3.00	1.20	.26								
April ...	1.36	1.63	1.56								
May ...	3.05	1.23	1.69								
June ...	1.24	1.63	1.16								
July ...	2.52	1.66	4.17								
August ...	3.92	5.38	2.86								
September ...	2.02	1.74	2.71								
October ...	0.22	3.94	1.98								
November ...	5.54	2.96	3.48								
December ...	4.30	3.81	2.75#								
TOTALS ...	33.62	29.12	24.45								

\* used in General Table in italics, origin unknown. T. 1953 due to illness of Miss Coates

000778

Position of Station on Ordnance One-Inch map :				No. of Map .....		National Grid Reference T(33)569818	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓ D. 26.22 24-30	✓	✓	

Station No. M. 6203/5

51

RAINFALL at Donaghadee (O'Loch Reservoir)

County of Down Observer J. Resident Engineer

River Basin 4 - Coast Streams

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 241533/33

Diameter ...	5"				970	858					
Height ...	1' 0"					1		1' 6"			
Altitude ...	23'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.71	3.25	1.01	2.82	3.18	3.14	3.60	3.60	1.93	3.15	
February ...	2.32	.47	.86	2.94	2.52	.70	1.74	2.80	.80	2.26	
March ...	3.00	1.07	.15	3.56	1.43	1.13	2.75	1.54	2.36	1.76	
April ...	1.42	1.67	1.18	.60	1.47	.64	.99	1.05	1.85	2.27	
May ...	2.83	1.04	1.56	2.44	2.16	.93	1.76	2.48	1.12	1.72	
June ...	1.11	1.96	1.32	2.26	4.13	2.28	.81	3.88	2.60	2.06	
July ...	2.61	1.67	4.65	2.87	1.13	3.35	3.83	4.46	2.21	5.48	
August ...	3.91	5.09	2.58	2.78	1.84	5.35	3.16	3.94	1.35	4.86	
September ...	2.06	1.46	2.42	3.02	2.53	3.31	3.60	4.03	1.65	3.15	
October ...	0.17	3.16	1.88	5.25	2.46	2.21	3.34	2.09	3.34	5.57	
November ...	5.02	2.91	3.39	4.86	2.31	1.06	1.28	1.49	2.93	4.79	
December ...	3.79	3.42	2.78	3.46	4.28	2.88	4.06	6.15	4.32	2.29	
TOTALS ...	32.95	27.17	23.78	36.86	29.44	26.98	30.92	37.51	26.46	39.36	
	D	D	D	D	D	P	D	D	D	D	

Inst. II 1958 J.BOK. Overwhelmed to N, E between SSW & SSE. by sand. New site suggested about 150 yds SSE of present site. NGR 562826. May not be possible to resite gauge here.

1957 inst. low foot print  
1958 print with footnote overwhelmed.

000777 - Rejected.

An. Av. 31.23 based on 22 years obs. 1934-57. 1 1/2" bar. Period of av. 1916-50-5

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 1J561827.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C inst 1933 Inst d 35	✓	✓



Station No. T.F. 6203/8

51

RAINFALL at Dromara

County of Down Observer Government of Northern Ireland

River Basin 5 - Belfast Lough

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref 5
" " 40.65 " " 20 " within 1936-57 " " File No. 471491/35

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

Imp. 1959/60. J. sound. Reasonable well enforced. Uncont. microns. 51404
1959 up too much east.

000776

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference ID 289495

Table with 8 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.

Station No. T. F. 6204

51

RAINFALL at Annaghassan

County of Down Observer W. J. Gibson, Esq. Dried Feb. 56

River Basin 5- Belfast Lough

Type of Gauge Snowden

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 751340/27

Diameter ...	5"				968	858					
Height ...	1' 0"					1					
Altitude ...	200'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.43	3.63	1.04	1.90	3.28	2.46					
February ...	2.75	.85	1.13	3.94	3.35	1.24					
March ...	1.88	1.16	.38	2.96	1.14	100					
April ...	1.32	1.51	1.74	.47	1.94						
May ...	1.96	1.08	1.31	3.78	2.19						
June ...	2.67	2.73	2.16	1.82	3.49						
July ...	3.75	1.27	5.25	3.16	1.64						
August ...	4.30	4.01	4.04	2.39	4.68						
September ...	1.86	1.24	2.83	4.69	3.47						
October ...	0.68	3.77	1.83	4.98	1.90						
November ...	5.25	2.33	2.24	4.71	2.17						
December ...	3.51	3.04	2.82	3.58	3.62	100					
TOTALS ...	32.36	26.62	26.77	38.38	32.87	100					
	M	M	M	M	M						

1955 - Cottage 15' high 62' E.  
Fence 4' " 13' N.  
Fence 4' " 28yds. S.

000775

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1955			Lingan	4 1/4 m.	N	Waringstown	1 1/8 m	N.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1930	✓	✓	
		-	m 31	✓ but m 49.50	



Station No. T. F 6205

RAINFALL at Waringtown (Tare Forge)

51

County of Down

Observer W. J. Gilson Esq. Died Feb. 56

River Basin 5 - Belfast Lough

Type of Gauge m.o.

Annual Average 32.2 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

File No. 751340/27

Diameter ...	5"			968	895						
Height ...	1' 0"				1						
Altitude ...	184'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.64	3.77	1.09	1.99	3.32	2.66					
February ...	2.93	0.79	1.10	3.50	3.31	1.23					
March ...	1.96	1.16	.34	2.97	1.12	100					
April ...	1.32	1.75	1.64	.57	1.95						
May ...	1.90	1.23	1.47	3.66	2.27						
June ...	2.62	2.59	2.05	1.96	3.26						
July ...	3.80	1.34	4.85	3.35	1.57						
August ...	4.47	3.83	4.36	2.19	1.95						
September ...	1.88	1.22	2.99	4.88	3.34						
October ...	0.65	3.51	1.87	5.31	1.86						
November ...	5.48	2.34	2.42	4.67	2.25						
December ...	3.82	3.16	2.89	3.38	3.75	100					
TOTALS ...	33.47	26.69	27.07	38.43	29.95	100					

1954 100 3' 7" W. fence 3' 5" N. fence 3' 7" S.  
1956 Observer died Feb. 56 no successor.

000774

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 33-105547

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1954			Lurgan	3 1/2 mi	W	Waringtown	100 x	N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1923	✓	✓	
		✓	✓	✓	

Station No. 6205/5

RAINFALL at Hillsborough (Ag. Research Inst.)

51

County of Dawn Observer Secretary

River Basin 5-Belfast-Lough

Type of Gauge m.o.

Annual Average 33.5 in. based on 25 years obs. un-weighted. Period of average 1916-50 Ref. S  
" " 35.42 " " 21 " " 1931-57 " " " " File No.

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	388										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.63	3.29	1.23	2.42	3.54	3.10	4.25	3.56	2.05	3.48	
February ...	3.13	1.70	1.02	3.24	3.51	1.09	2.04	5.01	1.10	2.38	
March ...	2.25	1.03	.38	3.34	1.46	1.98	2.76	1.76	2.61	2.32	
April ...	1.62	1.87	1.54	.69	1.96	1.38	1.24	1.65	2.36	2.88	
May ...	2.74	1.24	1.77	3.21	2.64	.91	2.35	2.19	1.31	1.97	
June ...	2.42	2.38	2.02	2.21	4.86	2.75	.98	6.19	2.44	1.99	
July ...	4.00	2.14	5.07	3.36	1.77	2.94	4.07	3.91	3.71	5.22	
August ...	3.80	5.28	4.13	2.94	1.49	6.71	4.85	5.24	.92	6.15	
September ...	2.59	1.45	2.55	4.01	3.06	3.46	4.42	5.05	1.64	3.07	
October ...	0.69	3.72	1.95	5.27	1.98	2.68	3.85	2.63	3.94	6.36	
November ...	7.30	2.43	3.92	5.83	2.29	1.29	1.79	1.51	3.60	3.90	
December ...	3.91	3.36	3.17	3.75	4.30	4.81	4.41	4.82	5.17	2.84	
TOTALS ...	37.08	28.89	28.75	40.27	32.86	33.10	37.01	43.52	30.85	42.56	
	D	D	D	D	D	D	D	D	D	D	

10

000773

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 7(33) 251577

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1931 D 32-40	✓ ✓	



Station No. 6205/6

RAINFALL at Hillsborough (Lisadrian)

51

County of Down Observer W. J. McCann, Esq.

River Basin S - Belfast, Lough

Type of Gauge Glass M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

35.33 5 1953-57 1816-50 File No. E14827/52

Diameter' ...		8"		969	134			5"			
Height ...		1' 0"			1			1' 0"			
Altitude ...		217'			5.1			217'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		100	1.27	2.64	3.76	2.88	4.18	4.44	2.23	3.34	
February ...		1	1.18	3.36	3.64	1.18	2.09	4.55	1.25	2.06	
March ...			0.33	3.24	1.29	1.90	2.62	1.66	2.51	2.00	
April ...			1.72	.74	2.11	1.37	1.39	1.54	2.55	2.86	
May ...			1.65	3.63	2.67	.84	2.08	2.54	1.36	1.65	
June ...		1	1.80	2.35	4.83	2.92	1.07	6.07	2.18	2.05	
July ...		100	5.07	3.70	1.51	3.17	4.16	4.02	4.51	5.33	
August ...		4.68	3.72	2.85	1.45	6.74	4.72	3.76	.86	5.77	
September ...		1.09	2.38	4.21	3.30	2.93	4.09	4.99	1.34	2.78	
October ...		3.66	1.75	4.96	2.14	2.55	3.61	2.44	4.00	5.05	
November ...		2.57	3.97	5.29	1.81	1.29	1.59	1.62	3.24	3.52	
December ...		3.17	3.17	3.89	4.24	4.94	4.43	4.56	4.79	2.74	
TOTALS ...		100 inc N.P.	28.01 D	40.86 D	32.75 D	32.71 D	36.63 D	42.19 D	30.82 D	39.15 D	

1952 Fruit tree 16' high 33' N, S & W  
1952. Incomplete N.P.  
Ref. I 1958. J.B.O.K. Very good site. V.S.L. on hill from apple tree 20', 30' SW which will probably be removed. Has been asked to send readings from his H.O. gauge rather than the glass one. A 3rd gauge available is correct.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference TJ 219591

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952 1953	54° 27' 56" N	6° 7' 6" W	Hillsborough	1.7 mi E x N	Hillsborough	1.1 mi E x S

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



Station No. 6205/7

RAINFALL at DUNDONALD (MAYAGS) H.W.R. from 1954

51

County of DOWN Observer D. F. L. G. BARNES

River Basin S-BELFAST, LOUGH

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-59 Ref. S
" " 36.59 " " 4 " " within 1952-57 " " File No. 607682/37

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and totals.

1952 Poplar 140" High 200'-SW, short 56'-high 86'-E x N, tree 60'-high 120'-N // Formerly at 4th 38/5
Jup. II 1953 B.O.K Poplars 25', 15' SW, Cupressus 10', 6' E. of sound. New site chosen abt. 20yd. to E
and 9' from hedge which will not be overshelved.

Table with 8 columns: Date, Lat. N., Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge. Includes position of station on Ordnance One-Inch map.

Summary of Earlier Records from 10-year Sheets: Table with 6 columns for years 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



RAINFALL at Knock (Ormiston Drive) (Cherry Valley Park) Station No. 6205/8 VII.51

51

County of Down Observer W. R. Barnodg, Esq.  
River Basin 5 - Belfast - Lough (died August '56)  
Type of Gauge Howard

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....

File No. E. 3179/45

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	100'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		4.16	.98	2.62	4.09						
February ...		.55	1.47	3.52	3.42						
March ...		1.32	.28	4.02	1.55						
April ...		1.87	1.55	.57	2.18						
May ...		1.42	2.24	3.83	2.67						
June ...		2.49	1.92	2.81	4.85						
July ...	2.85	1.31	(5.07)	3.65	1.40						
August ...	3.76	5.51	(2.88)	2.84	1.70						
September ...	2.90	1.71	2.75	4.58	3.21						
October ...	.44	4.38	2.60	5.42	2.78						
November ...	7.30	3.19	3.70	6.71	3.38						
December ...	4.83	3.88	2.78	5.11	6.05						
TOTALS ...	inc. NP.	31.79 d	28.22 D	45.68 D	37.28 D						

1951 G. mound about 7/8 mi NE in July. Hedge 8' high 16' E, Ls. 15' high 26' W.  
Record inc, NP.  
1953 July. Aug. accs. app. M.O.38. Paddocks 5', 8' N, 9', 20' E, Garage 7', 22' S, House gable 18' 23' W  
1956 Not Received. Stn. terminated 6.2.57

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference .....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951 1954			Knock Belfast	600 x 3 mi.	SSE W.	Knock	500 x	SW.
								000770

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C. 1946 ✓ but d + 6, 47-50	

Station No. 6205/9

RAINFALL at Belfast (Kingsway Gardens)

51

County of Down Observer S. Dunlop Esq.

River Basin 5 - Belfast - Lough

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E. 5427/47

Diameter ...	5"			970	485						
Height ...	1' 0"				1						
Altitude ...	128'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.43	3.84	1.10	2.74							
February ...	2.91	.47	1.15	3.63							
March ...	2.70	1.29	.44	3.49							
April ...	1.58	1.69	1.62	.62							
May ...	3.77	1.36	2.15	4.07							
June ...	1.80	2.32	2.10	2.66							
July ...	2.82	1.27	5.66	3.65							
August ...	3.64	5.79	2.68	3.39							
September ...	2.88	1.41	2.88	4.50							
October ...	0.48	4.30	2.70	5.70							
November ...	7.21	3.12	3.34	6.71							
December ...	4.72	4.06	3.21	5.00							
TOTALS ...	37.94	30.92	29.03	46.16							

1955 Record not rec'd. Letter sent 25/4/56

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 73 33-385 875

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				imp 48.	



RAINFALL at Belfast (Stormont Castle)

Station No. MWR 6205/9/5

County of Down Observer The Estate Superintendent

River Basin 5- Belfast Lough (for Geography Department, Queen's University Belfast)

Type of Gauge M.O. MKII

Annual Average in. based on 12938/55 years obs. un-weighted. Period of average 1293/55 Ref. 1293/55

File No. E-204.49/57

Diameter ...			970	488		5"					
Height ...				1		1'0"					
Altitude ...				51	194'	186'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						4.00	3.88	1.90	4.35		
February ...						1.73	4.49	1.01	2.78		
March ...						2.67	2.00	2.73	2.80		
April ...						1.04	1.72	2.44	3.67		
May ...						2.46	3.26	1.39	2.01		
June ...						0.83	5.74	2.67	2.26		
July ...						4.20	3.94	2.86	4.39		
August ...						3.74	3.53	1.26	5.69		
September ...						4.62	5.48	1.18	3.08		
October ...						3.37	1.96	3.47	5.87		
November ...						2.00	1.75	3.44	4.91		
December ...						4.93	5.60	5.24	2.06		
TOTALS ...						35.59	43.35	29.59	43.87		

1956. Nov & Dec. returns rec'd by MWR. (10A) (c. 7/11/56 - 4A.)

Inspector 6.11.56. Mr Robbins Gauge only 10'8" from screen, advised that it would have been better a further 13 1/2" away. But screen subsequently lowered to standard height

1957. Rather low, but accept. ... g. site would be satisfactory. South-facing hillslope, site on fairly level extensive lawn. Trees 50 yds to NW, W & SW. Buildings N, then E to S.E., including the castle, 30 - 70 yds distant. Exposure satisfactory.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference (J) 33/2024.7486

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
May 1957.	54° 36'	5° 49' W	Dundonald	1 1/2 mi	S.E.			

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					

Station No. 6206/1

RAINFALL at Holywood (Greighton's Green)

51

County of Down Observer Miss M. E. E. E. E.

River Basin 5 - Belfast - Lough

Type of Gauge B. A.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E. 12160/50

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	450										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		3.65									
February ...		2.72									
March ...		2.48									
April ...		1.24									
May ...		3.14									
June ...		1.65									
July ...		2.73									
August ...		#									
September ...											
October ...											
November ...											
December ...											
TOTALS ...	NR. #	INC									

1951 Nonpy to 2:00 p.m. I NR. 5/52.  
1952 INC N.P.  
1958 Inc opening on knife from station NR. 6206/16

Position of Station on Ordnance One-Inch map :			No. of Map .....		National Grid Reference .....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
					C. imp. 1950	



Air Ministry, Meteorological Office

RAINFALL at HOLYWOOD (CREIGHTON'S GREEN)

Station No. 6206/1/1

County of DOWN Observer T. Boyd, Esq.

River Basin Belfast Lough / 5

Type of Gauge \_\_\_\_\_

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
File No. E23922/59

Diameter ...					970	569					
Height ...						1					
Altitude ...						51				400?	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...										100	
February ...										100	
March ...										3.19	
April ...										100	
May ...										1.96	
June ...										2.53	
July ...										5.56	
August ...										5.92	
September ...										3.34	
October ...										6.46	
November ...										5.58	
December ...										2.50	
TOTALS ...										100 inc. exp.	

431745 on BF

Position of Station on Ordnance One-Inch map: No. of Map 314 National Grid Reference IZ 429782

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C1959					

Station No. 6206/1/3

51

RAINFALL at Bonlig Reservoir

County of Down Observer Bangor Borough Council

River Basin 5 - Belfast - Lough

Type of Gauge Snowdon Howard

Annual Average 37.17 in. based on 6 years obs. un-weighted. Period of average 1916-50 12616/50 Ref. S

Diameter	5"			970	719				970	720	
Height	2' 6"				1			3' 4"		1	
Altitude	213'				51					51	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.70	3.43	0.92	3.26	3.91	3.87	4.09	4.03	2.07	5.13	
February	2.56	1.00	1.02	3.56	2.92	1.05	2.60	3.78	.98	3.08	
March	2.93	1.22	.28	4.06	1.62	1.63	3.44	2.11	2.72	2.83	
April	1.73	1.31	1.85	.73	1.90	.66	1.19	1.60	3.14	2.95	
May	3.15	1.62	1.74	2.94	2.76	1.11	2.59	3.22	1.09	1.96	
June	1.50	2.20	2.32	2.67	4.99	2.65	1.07	6.12	3.11	2.48	
July	3.09	1.71	5.30	3.39	1.60	3.68	5.53	4.04	2.24	6.58	
August	4.06	5.91	2.35	3.12	1.80	8.02	4.09	4.51	1.32	5.40	
September	2.93	1.44	3.22	3.52	2.54	4.77	4.44	4.82	1.53	3.45	
October	0.47	4.21	2.12	6.19	2.66	2.18	3.66	2.06	3.65	6.15	
November	6.68	3.35	3.70	6.22	2.94	1.50	2.14	1.95	3.35	5.54	
December	4.45	3.87	3.33	4.07	5.47	3.99	4.79	6.33	5.19	2.23	
TOTALS	38.25	31.27	28.15	43.74	35.11	35.11	39.63	44.57	30.39	47.78	
	D	D	D	D	D	D	D	D	D	D	

1951 Reservoir 34' high, 75' W, House 22' high 45' N.E, School 25' high 80' SW.  
1955 Letter sent re W.D. entries no response - letter again 25/4/56  
Inq. II 1958 J.BOK. Chestnuts 35', 25' SSW - WSW. Poor site. New to be bought and placed in a good site selected at nearby reservoir. NG.R. 499786 - done Aug 1958 see 61-70  
ten year sheet valw 4/73

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 1J499781

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Bangor	2nd	N	Colie	250'	S
							000766	

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C 1949.	



Station No. 6206/1/5

51

RAINFALL at Ballysallagh Reservoir

County of Down

Observer Bangor Borough Council.

River Basin 5 - Belfast - Lough

Type of Gauge Snareson

Annual Average in. based on years obs. un-weighted. Period of average Ref.

" " 40.11 " " 9 " " 1949-57 " " " 1916-50

File No. E 12616/50

Diameter ...	5"	970	620		5"						
Height ...	2' 1"		1	2' 6"	2' 6"	1' 0"		1' 0"			
Altitude ...	245'		51.		245'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.32	3.48	0.83	3.02	4.32	4.27	4.40	4.25	2.11	4.56	
February ...	2.85	.94	1.42	3.78	3.67	1.08	2.99	4.38	.98	3.26	
March ...	3.08	1.55	.21	4.60	2.03	1.74	3.70	2.80	2.91	3.23	
April ...	1.46	1.33	1.96	.68	2.19	.89	1.19 <sup>5</sup>	1.62	2.87	3.42	
May ...	3.29	1.68	2.62	3.49	2.65	.99	2.76 <sup>80</sup>	3.76	1.19	1.92	
June ...	2.26	2.76	2.00	2.73	5.39	2.90	1.08	5.73	2.90	2.29	
July ...	2.99	1.46	5.25	3.14	1.79	3.96	5.06	4.37	2.41	5.74	
August ...	4.24	5.54	2.27	3.18	1.43	7.79	4.43	4.73	1.44	6.69	
September ...	3.14	1.74	3.62	4.49	3.04	3.90	4.65	5.45	1.38	3.55	
October ...	0.69	4.37	2.89	6.28	2.92	2.06	3.56	2.29	3.60	6.70	
November ...	7.85	3.55	3.89	7.33	3.36	1.61	2.17	1.95	4.14	4.91	
December ...	4.68	4.14	3.56	4.34	5.80	5.06	5.06	6.29	5.62	2.34	
TOTALS ...	40.85 <sup>D</sup>	32.54 <sup>D</sup>	30.52 <sup>D</sup>	47.06 <sup>D</sup>	38.59 <sup>D</sup>	36.25 <sup>D</sup>	41.05 <sup>D</sup>	47.62 <sup>D</sup>	31.55 <sup>D</sup>	48.61 <sup>D</sup>	

1951 House 23', 50' E, Ellorina Chamber 8', 27' W, Hedge 4', 18' N, Reservoir 32' 27' S.

1955 &amp; 1956 see note on Corby sheet 6206/1/3

1956. Height given as 1600 - see 104 in E 12616/50

Imp. II 1958 J.B.O.K. of sound but in a pit 9" deep with rim 12" above bottom of pit. Pit 4 1/2 x 4 1/2"  
 Pit to be filled in with and g. placed with rim at 12"

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference IJ 455 785

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Helen's Bay	2nd 1/2 N	Ballygilbert	1st 2/4 N
						000765

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C 1949	



Station No. 6206/1/6

MWR.

RAINFALL at HOLYWOOD (WATERWORKS)

51

County of DOWRY Observer TOWN SURVEYOR

River Basin 5 - BELFAST-LOUGH

Type of Gauge SNOWDON (+A)

Annual Average in. based on years obs. un-weighted. Period of average Ref. 1916-50 39.51 5 1953-57 File No. E16542/53

Diameter ...			5"		970	535					
Height ...			1'0"			1					
Altitude ...			310' <sup>310</sup> <del>346</del>			51			346'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...			# 0.91	2.86	4.33	4.43	4.04	4.05			
February ...			1.05	3.63	2.48	1.12	2.42	4.62			
March ...			.22	4.19	1.83	1.80	3.35	2.17			
April ...			1.61	.62	2.30	.73	1.44	nr.			
May ...			2.11	3.60	2.86	1.04	2.86	nr. <del>4</del>			
June ...			1.89	2.78	5.59	2.65	1.09				
July ...			5.07	3.41	1.56	3.91	4.67				
August ...			2.54	3.35	1.68	7.44	4.04				
September ...			2.96	4.37	3.20	3.85	4.87				
October ...			2.74	5.80	2.73	1.82	3.84				
November ...			3.53	7.09	3.58	1.58	2.00				
December ...			3.44	4.45	6.25	5.03	5.54				
TOTALS ...			28.07 D	46.15 D	38.39 D	35.40 D	40.16 D	nr. inc			

Previous record at Holywood (Cuttra) 6206/2  
Inst June 54. (n ~ 3 balance recorder). Site at Ballykell Res. not good. Gauge to be moved to enclosure which is better. Station to be transferred to new W.W. in 1 yr. Check gauge also in use. Excellent stream.  
\* 1954. Moved to enclosure on 24th September. Height now 346 ft.  
Inst. 13.10.54 - Mr. A.A. Buchanan - Hills run steeply down 1/2 mile from the New Lough Gauge new gully is 15' deep & 30' wide & 15-20' from gage. Recommended gage be moved to new site.  
1958 n.p. inc. 1960 Terminated see S/N 6206/1. From May 1958 (429789)

Position of Station on Ordnance One-Inch map :			No. of Map.....		National Grid Reference I.J.409780		
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.	
1953	54° 37' 1/2" N	5° 49' W	HOLYWOOD	1 1/2 mls.			000764

Summary of Earlier Records from 10-year Sheets :						
Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60



Station No. 6206/1/18

RAINFALL at CULTRA (NALOMA)

51

County of DOWN Observer Col. H. A. CHALLEY, C.B.E.

River Basin S. BELFAST - Lough

Type of Gauge R.A.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 694358/26

Diameter ...	5"										
Height ...	11"										
Altitude ...	100'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		3.70	1.11								
February ...		.60	1.19								
March ...		1.35	.26								
April ...		1.96	1.90								
May ...		1.29	1.95								
June ...		2.77	1.78								
July ...	3.06	1.65	4.24								
August ...	3.95	4.94	2.91								
September ...	2.76	1.35	2.43								
October ...	.65	3.80									
November ...	6.67	2.96									
December ...	4.59	4.55									
TOTALS ...	inc N.P.	30.92	inc N.P.								

1951 formerly at Sta. 6202, Downpatrick (Warren Ave.)  
true 20° E, Lo. 35' High 20° ENE, true 20' High 20° NE, ledge 4 1/2' High 10° N  
N.P. incomplete.

9.1953 Observer moved from N.Ireland n.p. record inc.

000763

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					

NWR (till 1953) only

Station No. 6206/2

RAINFALL at HOLYWOOD (Cultra)

51

County of Down Observer Trevor D. Boyd, Esq.

River Basin 5. - Belfast Lough

Type of Gauge M.O

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E. 11479/50

Diameter in.	5										
Height ft. in.	1 0										
Altitude ft.	50										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.50	3.71	.95	2.62							
February ...	2.84	.46	1.04	3.25							
March ...	2.90	1.29	.19	4.00							
April ...	1.30	1.82	1.71	.57							
May ...	3.41	1.07	1.81	3.42							
June ...	1.53	2.65	1.64	3.02							
July ...	2.96	1.73	3.92	3.14							
August ...	3.68	4.74	2.49	2.88							
September ...	2.77	1.27	*	3.46							
October ...	.55	4.02		5.95							
November ...	6.95	2.88		6.38							
December ...	4.39	3.55		4.34							
TOTALS ...	36.78 D	29.19 D	inc. n.p.	43.03 d							

1953: n.p., record incomplete. (Holywood NWR station now at W.W., 6206/1/6)  
1954: Jan. and Feb., monthly totals only. No objects affecting gauge.

000762

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C imp. 1949	



Station No. M 6206/4

RAINFALL at Bangor (Garth House School)

51

County of Down Observer Miss E. N. Swainson

River Basin 5 - Belfast - Lough

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref S
" 34.95 " 17 " within 1940-57 " 1916-50
File No. 85.7444/38

Diameter	5"	5"			970	694					
Height		1' 3"				1		1' 1"			
Altitude	120'	120'				51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.09	3.09	0.93	3.09	3.41	3.42	3.76	3.82	1.74	3.83	
February	2.50	.40	.98	3.85	3.58	.88	2.37	3.49	.86	2.78	
March	2.93	1.36	.19	4.11	1.66	1.48	3.42	1.83	2.43	2.52	
April	1.34	1.89	1.37	.70	1.84	.52	1.41	1.23	2.61	3.17	
May	2.73	1.08	2.03	3.17	2.44	.96	2.67	2.98	1.19	1.64	
June	1.43	2.56	2.23	2.83	5.94	2.79	1.19	5.52	2.72	2.21	
July	2.38	1.70	4.98	3.02	1.66	3.24	(4.85)	3.78	1.99	5.33	
August	4.23	4.42	2.61	2.89	1.44	6.26	3.27	4.47	1.26	5.78	
September	2.77	1.03	2.59	3.32	2.81	3.64	4.51	4.64	1.45	3.13	
October	0.41	3.69	2.56	5.91	2.60	2.41	3.10	1.97	3.31	6.24	
November	6.35	2.92	3.20	6.70	2.82	1.32	1.99	1.52	3.50	4.77	
December	4.98	3.57	3.34	4.44	4.75	4.50	4.26	6.71	5.29	2.26	
TOTALS	36.14	27.71	27.01	44.03	34.95	31.42	36.80	41.96	28.35	43.66	
	d	D	D	D	D	D	D	D	D	D	

Inst. in 1958 J.B.O.B. g. sound. Oversheltered all dirns. except S-NE. No rain into 1958 print oversheltered 1959 print oversheltered.

000761

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 1J494 822

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1939 imp D 40	✓	✓
				✓ but d 44, 46, 48-50	



RAINFALL at Marine Mountain (Deas Meadows) Station No. 6207/1/1

51

County of Dumfries Observer Engineer  
River Basin 7 - Bann - Upper Portadown & Banbridge Reg.  
Type of Gauge MLGA Outpost W.W. Joint Bond.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E. 23333/58.

Diameter ...				940	609		5				
Height ...					1		1' 0"				
Altitude ...					51		1250'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					-100	6.15	8.75	8.65	3.30	8.73	
February ...						1.55	6.17	5.70	2.35	7.35	
March ...						3.35	9.65	2.75	7.55	6.85	
April ...						2.06	2.25	2.34	(4.75)	6.25	
May ...						1.70	4.65	6.90	2.10	3.40	
June ...						6.10	1.45	9.50	2.45	4.31	
July ...					-100	5.60	8.50	5.50	5.30	10.40	
August ...					*2.45	10.21	7.00	10.05	1.55	7.50	
September ...					3.45	5.50	7.00	12.75	3.90	5.50	
October ...					3.40	3.90	6.42	4.50	7.85	13.50	
November ...					4.60	2.46	3.70	3.25	8.15	9.13	
December ...					7.92	11.34	8.90	7.90	15.45	5.25	
TOTALS ...					-100 Inc.	59.92	74.44	77.79	64.70	88.17	

1958. Each year. 1955+1956 rec'd.  
1958. I 1758 / BOK. Satisfactory but may be very slightly over-cast N-ESE. by sound.  
1959 April. Estimated. Gauge interfered with.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference I.7 260 257

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						000760

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



RAINFALL at Moone Mountains (Ott)

Station No. 6207/1/2

County of Down Observer Engineer

River Basin 7-Bann - Upper Portadown & Banbridge Rep.

Type of Gauge M&I Octakenthi W.W. Joint Board

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
File No. E. 23333/58

Diameter ...					940	621		5"			
Height ...						1		1' 0"			
Altitude ...						51		1500'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					100	5.25	9.40	9.20	3.10	7.82	
February ...						1.40	5.95	5.25	2.25	8.25	
March ...						4.35	9.63	2.20	7.85	7.30	
April ...						1.50	1.95	1.65	4.60	6.75	
May ...						1.65	4.65	6.40	2.00	(3.15)	
June ...						6.40	1.25	9.70	2.25	4.69	
July ...					100	5.00	9.10	5.50	4.55	10.70	
August ...					2.16	11.47	7.50	10.90	1.65	(6.15)	
September ...					3.45	6.05	8.00	13.15	4.00	5.90	
October ...					3.30	4.10	5.82	4.30	6.70	15.40	
November ...					5.00	2.55	3.60	3.05	7.75	9.40	
December ...					8.42	9.55	9.70	7.90	16.65	5.41	
TOTALS ...					100 Inc.	59.27	76.55	79.20	63.35	90.92	

Back years 1955-1957 rec'd 1958.  
Ink II 1958. 160K g. some site satisfactory  
02004

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference II 280272

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					

## RAINFALL

Station No.

51

County of.

Observer

### River Basin

Put a down & Banbridge Reg

Type of Gauge

W.W. Hunt Bowd

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E. 23333/58

Diameter ...					940	628		5"			
Height ...						1		8' 11"			
Altitude ...						51		1050'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					-100	4.09	8.75	8.34	3.83	-100	
February ...						1.45	6.48	5.47	1.89		
March ...						3.53	8.38	2.40	-100		
April ...						1.68	2.05	2.34			
May ...					-100	1.08	4.82	6.53			
June ...					6.02	5.05	1.46	9.12			
July ...					2.30	4.54	9.19	5.58			
August ...					2.16	10.03	6.81	8.99		-100	
September ...					3.10	5.44	7.45	10.36		5.36	
October ...					3.18	3.45	5.59	3.93		14.52	
November ...					4.16	2.47	3.65	2.56		8.99	
December ...					7.32	9.58	8.89	7.87	-100	5.28	
TOTALS ...					-100 Inc.	52.39 D	73.52 D	73.49 D	-100 Inc. n.p.	-100 Inc. n.p.	

1958. Back years 1955-1956 rec'd 1958.

Imp. - I 1958 J.B.O.K. by round. Site satisfactory. Turf-wall not really necessary.

§ Turf wale

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 18 263 273

[illegible]

*Summary of Earlier Records from 10-year Sheets :*

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d						



Station No. 6207/5

RAINFALL at Banbridge

51

County of Down Observer Jawn Surveyor

River Basin 7-Bann - Upper

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E. 10082/49

Diameter	5"							4-8"			
Height	1' 1"		6"					10"			
Altitude	252'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.00	3.48	1.00	8.22	3.22	2.18	4.61	3.50	1.95		
February	3.20	.46	.91	3.75	3.02	1.33	2.06	3.73	1.24		
March	2.26	1.12	.10	3.22	1.18	2.00	3.14	.73	2.90		
April	1.57	1.78	1.26	.48	1.95	1.63	1.56	1.72	2.48		
May	1.86	.97	1.33	4.87	2.60	.91	2.70	2.62	2.44		
June	2.32	2.68	1.92	1.95	3.96	2.39	1.20	5.94	2.36		
July	4.00	1.21	4.41	3.28	1.89	4.10	3.81	3.03	4.73		
August	3.59	4.94	3.90	2.83	2.21	6.80	4.31	4.17	1.00		
September	2.35	1.29	2.70	4.02	3.37	2.91	4.48	4.63	1.80		
October	.63	3.30	1.46	5.32	2.22	2.07	3.54	2.94	4.37		
November	5.62	2.74	3.18	5.72	1.92	1.56	1.26	1.71	3.65		
December	3.39	3.16	3.09	4.56	4.51	3.21	4.45	4.15	5.43		
TOTALS	33.79	27.13	25.26	42.22	32.05	31.09	37.12	38.87	34.35		
	d	d	d	d	d	d	d	dnp	np.		

1951 Small shrubs 3' x 12' W.  
1953 Bushes 3' - 3'6" 10' S.  
Ink. averaged 19/9/59 but no one turned up and I could not get inside the playing fields to see the gauge. From outside this appeared to be a filler in a bottle (Not a Howard g.) and was badly over-sheltered by bushes to W & S. J.B.O.K.  
Ink. B. 1959 J.B.O.K. Original g. stolen. Keeps then uses a filler in a bottle. Mean diam of filler 4-8" bushes 8' 6" W, 12' 8" SE. No good site available. Suggest terminate until standard gauge is set up at new sewage works. Not to be printed. Terminated 29/9/59.  
Ink. apparently stolen 1952 1958 n.p. 1959 np

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TJ122457

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Banbridge	1/2 ml N	Seapatrick	1/2 ml N
Not used for 1941-70 averages						

Summary of Earlier Records from 10-year Sheets : unreliable

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1940 mpx.	41-43, 48-50 mp 48.	
			-	1 but D + 2	





969752

Station No. 620917

RAINFALL at Lisburn (Hillhall)

51

County of Antrim Observer Sir William Hetherington Ptno.

River Basin Belfast Lough

Type of Gauge H.O. 5"

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. M-1571160

Diameter ...											5"	
Height ...											1' 0"	
Altitude ...											151'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...										(3.60)		
February ...										2.44		
March ...										2.12		
April ...										3.06		
May ...										1.88		
June ...										1.93		
July ...										5.94		
August ...										5.20		
September ...										2.70		
October ...										5.07		
November ...										3.65		
December ...										2.20		
TOTALS ...										39.79		

1960. Exposure. Office building E North 10' high 50' distant. Trees. to East. 30-40' high. 100' distant.

000756

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					

## Air Ministry, Meteorological Office

RAINFALL at Lishinn (Seymour Park) Station No. 6209/8  
County of Anttrim Observer R.N. Mercer Esq.  
River Basin Belfast Lough - 1.  
Type of Gauge \* Bradford M.O. 981  
a M.O. measure.

51

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....

\* Gauge located by W.J. McCann of 1/11 6205/6.

File No. E. 14827/52

Diameter ...						969	750			5"	
Height ...							1			1' 6"	
Altitude ...							51			139'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...									2.07	3.73	
February ...									1.18	2.49	
March ...									2.59	2.14	
April ...									3.00	3.10	
May ...									1.09	1.79	
June ...									2.23	2.00	
July ...									3.50	5.95	
August ...									0.92	5.35	
September ...									1.44	2.96	
October ...									3.79	5.49	
November ...									3.57	3.67	
December ...									4.61	2.47	
TOTALS ...									29.99	41.34	

1459 Workshop (16') 42' NW. Bungalow (17') 42' SE. Open fence (3') 14' ENE. & 20' W. SW.  
Insp. IX 1959 J.B.O.K. Elderberry trees 20' 35' N NW-N to be removed, soon otherwise satisfactory  
exposure. Gauge read monthly but could be read daily

Position of Station on Ordnance One-Inch map:

No. of Map 313

National Grid Reference IT 276639

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



METEOROLOGICAL OFFICE.  
**RAINFALL**

Station Lisburn Waterworks [Old gauge] No. 969738  
County Antrim (Old No. none)  
Authority Lisburn U.D.C. Grid Ref. 1J(33) 255661  
Altitude 300' DB ft.  
River Basin LAGAN  
Tributary -----  
File 2624 969738 1 51 Retrospective data  
~~XXXXXXXXXXXXXXXXXXXX~~

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.92	3.43	1.43	2.80	3.75	3.85	4.03	3.23	2.07	3.85	3.136
February...	2.90	0.95	1.33	3.49	2.79	1.44	2.35	5.05	1.20	2.42	2.392
March ...	2.82	1.18	0.41	3.24	1.37	1.68	3.03	1.84	2.57	2.00	2.014
April ...	1.47	1.94	1.73	0.56	2.38	1.81	1.61	1.37	2.77	2.77	1.841
May ...	2.32	1.35	1.72	4.04	3.04	0.97	1.96	2.48	1.06	1.83	2.077
June ...	2.07	2.74	1.58	2.40	4.36	2.82	1.23	6.18	2.09	2.48	2.795
July ...	4.18	2.09	5.71	4.38	1.67	2.97	4.23	4.27	4.19	6.57	4.026
August ...	3.69	5.67	3.23	2.90	1.19	7.03	4.37	4.27	0.82	5.44	3.861
September	2.13	1.67	2.23	4.51	3.91	2.85	5.06	5.35	1.59	2.86	3.226
October ...	0.70	3.53	1.66	5.43	2.71	2.89	3.55	2.64	3.77	5.28	3.216
November	6.34	2.60	3.94	5.44	2.21	1.47	1.88	1.91	3.33	3.63	3.275
December	4.00	3.94	3.10	4.38	4.62	4.62	4.76	4.89	4.79	2.25	4.135
TOTAL ...	35.54	31.09	28.17	43.57	34.00	34.40	38.06	43.48	30.25	41.38	35.994
Percentage											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge B.A. (non-standard) 5-inch

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : ~~XXXXXX~~) c. 8/1931 monthly totals only forwarded to M.O. in arrears

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

Proforma for retrospective data



Station No. 6210

RAINFALL at Lisburn School

51

County of Antrim

Observer Headmaster

River Basin 1 - Belfast Lough

Type of Gauge m.o.

M.W.R.

Annual Average 34.1 in. based on years obs. un-weighted. Period of average 1881 - 1915 Ref. A.W.S.

File No. A85208/36 E15774/53

Diameter ...	8"		5"		969	748					
Height ...	1'0"		1'0"			1					
Altitude ...	201'			241'		51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.90	3.69	1.26	2.21	3.49						
February ...	(3.30)	.98	.99	3.30	2.81						
March ...	2.43	.93	.36	4.05	1.40						
April ...	1.27	1.75	1.51	.62	100						
May ...	2.62	1.28	1.39	3.61	2.53						
June ...	1.09	(2.53)	1.49	1.92	100						
July ...	3.87	1.90	4.66	3.78							
August ...	3.15	5.69	2.96	2.99							
September ...	2.29	1.55	2.04	5.02							
October ...	0.67	3.25	1.58	4.91							
November ...	6.68	2.69	4.09	5.70							
December ...	3.99	3.43	2.51	3.98	100						
TOTALS ...	33.26	29.67	24.84	42.09	100						

1951 Feb. est by M03b.  
1952 June est by M03b.  
1954. Alt. amended by ref. Inspector's Note-book

Like Mr Buchanan 25/6/54. g. in middle of lawn but is almost overhung by wither beech tree. many dents in g. some of which have been soldered. Firmly sunk in ground but well out of the vertical

Letter sent 26/4/56

20004

000754  
N 9d from Hyd-memo 35

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 33-269645

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓	✓ but imp 32.36 D 34.39.40 d 33.37.38.	✓ imp 1942 ✓	



Station No. M. 6211

RAINFALL at Lameeg (Glenmore House) ✓

51

County of Antrim

Observer Liner Industry Research

River Basin 1 - Belfast-Lough

Association

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref

File No. 753667/27

Diameter ...	8"			969	785						
Height ...	0' 11"				1						
Altitude ...	100'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.64			2.79							
February ...	3.49			3.31							
March ...	2.32			3.25							
April ...	1.53			.64							
May ...	2.43			3.01							
June ...	1.70			2.50							
July ...	4.08			-100							
August ...	2.92										
September ...	1.41										
October ...	0.55										
November ...	5.31										
December ...	4.21			-100							
TOTALS ...	32.59 D	NR	NR	-100 mc.							

1955-N.R. Letter sent 25/4/56

000753

33-278661  
24-445199

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1927 imp. ✓	✓ ✓ build 37	✓ ✓	

Station No. M 6212

51

RAINFALL at Dunmurry (Warren House)

County of Anttrim Observer Col. H. R. Sharkey

River Basin 1 - Belfast - Lough

Type of Gauge B. A.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 694358/26

Diameter ...	5"										
Height ...	0' 10"										
Altitude ...	110'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.02										
February ...	3.27										
March ...	2.62										
April ...	1.55										
May ...	-1.00										
June ...											
July ...											
August ...											
September ...											
October ...											
November ...											
December ...											
TOTALS ...	-1.00										

1951 SK moved to Cultra (Nacoma) Sta no 6206/1/8

000752

Hyd. Mem 35

Position of Station on Ordnance One-Inch map :			No. of Map.....		National Grid Reference <u>IJ286 685</u>		
Date.	Lat. N.	Long.	Railway Station.		Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1925 ✓ hat 1925	✓ ✓	✓ ✓	



Station No. 6212/2

RAINFALL at Dummury (Lagmore)

51

County of Antrim

Observer R. H. McCullough, Esq., B.Sc.

River Basin 1-Belfast-Lough

A. D. Barr Esq. BA (1952)

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

44.62 17 within 1939-57 1916-50 664992/26

Diameter	5"										
Height	1'0"										
Altitude	385'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.51	4.64	2.05	3.41	5.07	3.57	4.50	4.02	2.45	4.88	
February	3.73	1.22	1.79	4.20	4.01	1.64	2.57	5.84	1.68	2.75	
March	3.47	1.21	.53	3.67	1.46	2.00	3.47	2.35	2.90	2.28	
April	2.01	1.92	2.55	.82	3.19	2.24	2.04	2.09	3.09	3.06	
May	2.81	1.27	2.10	4.63	3.39	1.57	2.50	3.14	1.24	1.93	
June	2.25	3.55	1.84	3.35	4.85	3.43	1.52	6.50	2.61	2.19	
July	4.78	2.46	6.89	5.14	1.63	3.14	4.89	4.80	4.48	7.32	
August	4.36	6.77	3.72	3.55	1.23	8.98	5.56	5.07	.95	6.00	
September	2.53	2.11	2.93	4.81	4.57	3.38	6.31	5.50	1.71	3.05	
October	0.88	4.15	2.20	6.79	2.92	3.28	4.59	3.15	3.92	6.33	
November	7.77	3.33	4.41	6.45	2.63	1.78	2.21	2.22	3.77	4.03	
December	5.03	4.81	3.70	5.87	5.57	4.98	5.10	4.75	5.20	3.26	
TOTALS	43.13	37.44	34.71	52.69	40.52	39.99	45.26	49.43	33.95	47.08	

Imp. I 1953/190K. Site changed to winds between NE & SE but earth banking round enclosure kept. D. take from fence.

July 1954 Corrd by No Belfast

Hydrographer's Report 1951

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1939 D 40 d 39	✓ ✓	



METEOROLOGICAL OFFICE.  
**RAINFALL**

Station Dun MURRY S. WKS.  
County ANTRIM  
Authority LISBURN R.D.C.  
File 2652

No. 97-969911  
(Old No. —)  
Grid Ref. 15(33) 29 8679  
Altitude 40 B ft.  
River Basin LAGAN  
Tributary —

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								-100	(2.31)	(4.28)	
February...									(1.28)	(2.69)	
March ...									(3.24)	(2.42)	
April ...									(3.03)	(3.58)	
May ...									(1.25)	(2.27)	
June ...									(2.10)	(2.55)	
July ...									(5.13)	(6.38)	
August ...									(0.97)	(7.90)	
September								-100	(1.59)	(4.72)	
October ...								(3.19)	(3.95)	(7.13)	
November								(2.03)	(3.76)	(4.51)	
December								(5.54)	(6.12)	(3.24)	
TOTAL ...								-100	(34.73)	(51.72)	
Percentage											

**AVERAGE ANNUAL RAINFALL**

Actual

Estimated from data for:-

1881-1915 ..... in. ....

1916-1950 ..... in. ....

..... in. ....

Type and capacity of gauge

NON-STANDARD (5-INCH)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M).....

\*NOTES on years with incomplete or unsatisfactory data:-

1958, 1959, 1960 DATA RECEIVED 1963 : NOT SCRUTINIZED

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

Proforma for retrospective data



Station No. M 6213

RAINFALL at Belfast (Queen's University) M.W.D. 51

County of Antum Observer Secretary

River Basin 1 - Belfast - Lough

Type of Gauge Snowdon

Annual Average 34.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.  
38.26 - - - - - 1916-1950 1916-1950 P 16983/54  
File No. E 11346/50

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	57'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 51-56
January ...	3.07	3.86	1.32	2.52	4.42	3.54					1519
February ...	3.27	.75	1.02	3.63	3.25	1.17					1192
March ...	2.47	1.08	.36	2.99	1.48	1.78					838
April ...	1.44	1.85	1.55	.50	2.57	1.42					791
May ...	2.91	1.37	1.96	3.15	2.22	1.15					1161
June ...	1.56	2.80	1.28	2.48	4.55	2.54					1267
July ...	3.17	1.41	5.29	4.10	1.41	-100 <sup>#</sup>					1538
August ...	3.67	6.08	3.30	3.10	1.39						1754
September ...	2.35	1.54	2.40	4.31	2.97						1357
October ...	0.59	3.64	2.28	5.40	2.65						1456
November ...	7.15	2.92	3.97	6.82	2.85						2371
December ...	4.87	4.11	3.27	4.71	6.04	-100					2300
TOTALS ...	36.52	31.41	28.00	43.71	35.80	-100					17554 6964

1956: Station ceased functioning u.e.f. June: Another site being sought. Jan-June satisfactory.

17544  
Synonim = 35.1 in  
000750

Position of Station on Ordnance One-Inch map : No. of Map..... 18th of Anaragos  
National Grid Reference 11(33) 335726

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓ ✓	✓ ✓ but d 39	✓ ✓ but d 44-45	



Station No. 6214

RAINFALL at Belfast (Sewage Works)

51

County of Antrim Observer City Surveyor

River Basin 1-Belfast-Lough + M.O.

Type of Gauge No. 5000 + A\* 1955 deleted (+AOS)

Annual Average 35.8 in. based on years obs. un-weighted. Period of average 1881-1916 Ref.

35.0 on 15 years weighted 1927-57 1916-50 1 S

Diameter	8"								+ 5"		
Height	1'0"								10" 1'0"		
Altitude	26'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.44	4.01	1.17	2.52	4.07	3.74	4.09	3.75	1.84	3.72	
February	2.93	0.84	.91	3.46	3.15	1.37	2.10	5.05	.91	3.12	
March	2.48	1.27	.37	3.53	1.74	1.75	2.54	1.85	2.34	2.92	
April	1.41	1.85	1.72	.57	2.11	1.15	1.62	1.56	2.19	3.47	
May	2.73	0.84	2.14	3.05	2.45	1.16	2.48	2.96	1.87	1.78	
June	1.60	2.78	1.28	2.98	4.66	1.78	1.07	6.16	2.24	1.98	
July	2.95	1.35	5.19	4.00	1.78	3.30	3.45	3.66	3.06	4.22	
August	3.88	5.31	3.24	2.41	1.35	5.60	3.50	3.44	.98	5.24	
September	2.83	1.79	2.59	3.85	4.33	3.95	4.83	4.90	1.24	2.78	
October	0.59	3.72	2.13	6.10	2.50	2.34	3.80	2.15	3.66	5.41	
November	6.68	2.86	4.30	6.81	2.60	1.71	1.74	1.81	3.57	4.31	
December	5.20	4.06	2.93	5.16	6.33	4.91	5.17	5.02	6.18	2.46	
TOTALS	37.72	30.68	27.97	44.44	37.07	32.76	36.39	42.31	30.08	41.41	
	D	D	D	D	D	D	D	D	D	D	

1951 Wilson Gauge 2'10 1/2", 9'6" W, Hedge 4'6", 30'SSE, Hedge 4'6", 18'NE.  
1955 Observations at midnight.  
1956 Gauge to be read at 0900 hrs w.e.f. 13.5.56 encl. TRA on file.  
Inst. II 1958 J.B.D.K. Very poor gauge. New one rec. Seals in collecting jar and at junction of d. tube and funnel.  
Reasonable site but still down-exposed. Small shrub give some wind-break. G. to be moved on to grass.  
Std. M.O. gauge supplied July 1964  
\* Tipping bucket D.R. to be replaced by G.S. also daily records at Distillery  
1954 midnight reading 58. NGR 327734 & Weekly Records at Whitehead NGR 3230 294740 No check

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 1J 352740

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
						000749

Summary of Earlier Records from 10-year Sheets:

1916-1950, P- Rejected

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1927	✓	✓	
		-	D 33-40	✓	



Station No. T.F. 6217 51

RAINFALL at Belfast (Oldpark Filter)

County of Antrim Observer R. H. McCullough Esq., B.Sc.

River Basin 1 - Belfast - Lough R. E. D. Barr, Esq., B.A. (1952)

Type of Gauge M.O.

Annual Average 39.0 in. based on 16 years obs. un-weighted. Period of average 1916-1950. Ref. 1916-50664992/26

45.81 16 1942-57 File No. 1916-50664992/26

Diameter ...	5"			970	250						
Height ...	1'0"				1			11"			
Altitude ...	203'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.60	4.73	1.78	3.05	4.05	4.19	4.85	4.76	2.52	3.75	
February ...	3.52	1.04	1.61	4.57	3.87	1.31	2.52	6.49	1.36	2.53	
March ...	3.16	1.61	.41	4.96	1.27	1.77	3.78	2.19	2.89	2.55	
April ...	2.08	1.77	2.09	.75	3.03	1.50	2.04	2.07	2.72	2.93	
May ...	2.94	1.25	2.49	4.03	3.15	1.85	2.95	3.88	1.94	2.19	
June ...	2.32	3.19	1.53	3.05	5.26	3.27	1.20	7.83	2.64	2.55	
July ...	4.99	2.19	6.39	4.17	1.64	3.77	4.39	4.79	4.36	5.31	
August ...	5.61	6.16	3.30	2.87	1.18	6.69	3.93	4.66	.87	5.30	
September ...	3.10	2.26	2.67	5.13	4.79	4.19	5.93	5.46	1.53	2.83	
October ...	0.73	4.39	2.17	7.08	2.83	3.15	4.55	2.09	3.28	5.38	
November ...	8.11	3.42	4.23	7.27	3.31	2.12	2.10	2.35	3.43	5.04	
December ...	5.85	5.05	3.62	6.66	6.84	6.10	5.53	6.13	6.07	2.36	
TOTALS ...	46.01	37.06	32.29	53.59	41.22	39.91	43.77	52.70	33.61	42.72	

July 1958 f. 60k. Site over-land max. mins. Turf-water rec. Not take.

000748

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 13 323775

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, TP - Rejected

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1929	✓	✓	but d 41



Station No. T. F. 6219

RAINFALL at Carrickfergus (Dorland)

51

County of Antrim

Observer R. H. McCullough Esq., B.Sc.

River Basin 1 - Belfast Lough

R. E. D. BAIN, Esq. BA (1952)

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

40.22 25 with 1929-57 1916-50 58.49 26 File No. E 33663/58

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	271'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.76	3.93	1.45	3.77	4.11	3.47	4.76	4.37	3.14	4.60	
February ...	2.95	1.03	1.05	3.72	4.16	1.46	2.58	5.21	1.17	3.85	
March ...	3.16	1.64	.41	4.15	1.74	1.77	3.47	2.90	3.13	3.18	
April ...	1.58	2.01	2.89	1.21	2.50	1.31	1.57	2.72	2.95	3.46	
May ...	2.95	1.08	2.06	4.92	3.52	1.53	2.43	2.98	1.23	2.08	
June ...	1.52	2.95	1.57	3.72	5.36	2.79	1.87	6.04	2.60	2.68	
July ...	3.18	2.22	5.49	4.65	1.43	3.72	4.09	5.56	3.95	7.13	
August ...	3.92	5.46	3.08	3.07	1.26	6.86	4.54	4.50	1.34	5.18	
September ...	2.87	2.27	2.43	4.17	4.63	3.71	6.29	4.09	1.78	3.48	
October ...	0.94	3.50	1.89	6.79	3.90	3.04	3.93	2.28	4.47	6.25	
November ...	6.78	3.61	3.82	6.05	2.88	1.75	2.81	2.03	3.90	5.02	
December ...	5.64	4.47	3.64	6.21	5.80	4.59	4.59	5.83	6.43	3.24	
TOTALS ...	39.25	34.17	29.78	52.43	41.29	36.00	42.95	48.51	36.09	50.05	

Inst. II 1958 J.B.O.K. Leak at junction of d. tube and funnel. Toward site overexposed SW-E. New site chosen to SSW

000747

11 gauge shelter over-exposed

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 1J 386879

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1929	✓	✓	✓



Station No. T.F. 6219/3

RAINFALL at Carricksfergus (Knockagh)

51

County of Antrim

Observer R.H. McCullough Esq., B.Sc. <sup>1857</sup>

River Basin 1 - Belfast - Lough

R.E.D. BAIN, Esq. B.A.

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. S  
" " 44.22 " - 16 " within 1939-57 " 1916-50 File No. 664992/26623643/58

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	723'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.26	3.92	1.38	3.96	4.49	3.94	4.73	5.17	3.96	5.05	
February ...	3.10	1.01	1.17	4.07	5.05	1.47	2.76	5.57	1.20	4.26	
March ...	3.65	2.03	0.41	4.44	1.64	1.84	4.27	2.79	3.13	3.33	
April ...	1.51	2.39	2.73	1.22	2.69	1.65	1.50	2.39	2.74	3.83	
May ...	2.99	1.08	2.31	4.63	3.53	1.73	2.74	3.28	1.41	2.28	
June ...	1.89	3.04	1.95	4.09	5.63	3.51	1.80	5.92	2.54	2.57	
July ...	3.32	2.46	6.34	5.20	1.55	3.91	4.14	5.90	3.98	8.08	
August ...	4.47	5.51	3.68	3.35	1.43	7.66	4.56	5.35	1.50	4.76	
September ...	3.13	2.35	3.25	5.09	5.06	4.21	7.84	4.63	1.95	3.31	
October ...	1.03	4.66	2.21	7.48	3.51	2.94	4.10	2.55	4.30	6.51	
November ...	8.01	3.44	4.30	6.88	3.15	1.87	2.52	2.12	4.04	5.18	
December ...	5.76	4.55	3.67	6.08	6.49	4.81	4.56	5.98	6.85	3.14	
TOTALS ...	42.12	36.44	33.40	56.49	44.25	39.54	45.52	51.65	37.60	52.30	

Inst. in 1956 J.B.K. D. tube loose. Small enclosure. Satisfactory exposure. Tree to be planted to SW and g. to be moved 25 yd. to E

000746

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IJ 364880

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C 1939 n.p. 740	✓	



Station No. T.F 6221

RAINFALL at Barriekfergus (South Woodburn)

51

County of Antum

Observer R.H. McCullough, Esq., B.Sc.

River Basin 1 - Belfast - Lough

L.F. J. Bain, Esq. (1922)

Type of Gauge M.O.

Annual Average 44.5 in. based on 26 years obs. un-weighted. Period of average 1916-50 Ref 5

" " 44.60 " " 26 " " 1926-57 " " " " File No. 664992/26 6221/43/55

Diameter ...	5"				967	882					
Height ...	1'0"					1		1'3"			
Altitude ...	640'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.25	4.25	1.53	3.75	4.73	3.66	4.72	4.75	3.44	5.18	
February ...	3.70	1.21	1.03	3.84	4.82	1.34	2.70	5.27	1.38	3.97	
March ...	3.71	1.88	0.42	4.45	1.62	1.80	4.11	2.82	3.10	3.22	
April ...	1.84	2.44	3.05	1.21	2.83	1.57	1.46	2.68	3.09	3.65	
May ...	3.18	1.34	2.49	4.90	3.45	1.72	2.99	3.22	1.42	2.13	
June ...	2.22	3.30	2.08	4.02	5.92	3.11	1.80	5.72	2.62	2.51	
July ...	3.55	2.62	6.48	5.12	1.39	4.31	4.08	5.83	4.03	8.69	
August ...	4.77	5.78	3.63	3.71	1.31	7.54	4.44	4.92	1.52	5.51	
September ...	2.99	2.64	2.92	5.36	5.13	4.04	7.22	4.55	1.95	3.24	
October ...	1.09	4.32	2.26	7.61	4.07	2.93	4.07	2.49	4.51	6.80	
November ...	7.89	2.64	4.10	6.95	2.88	1.83	2.42	2.08	4.06	5.43	
December ...	5.67	4.34	3.72	6.12	6.34	4.60	4.68	6.07	6.49	3.15	
TOTALS ...	44.86	36.76	33.71	57.04	44.49	38.45	44.69	50.40	37.61	53.48	

Peak II 1958 18.0% h. sand. Site over-croped SW-SE. Tuf wall rec. Trees to be planted 50' to N will reach 25' in 8 years.

000745

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 15 371893

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1929	✓	✓	✓
		✓	✓	✓	✓



51

Observer R. H. McCullough, Esq., B.Sc. resigned 1x. 51

..... R. E. D. BAIN, Esq. BA (Oxon) .....

.....

" " 48.60 " " 28 " " within 1929-57" File No. 1916-50-5664A92/26

1951 N.P. low  
1952 N.P. consistently low.  
1953. Print. Shows a marked improvement since May, but engineer cannot account for this.  
July II 1958 J.B.O.K. g. sound. Site slightly overcast to S. Area afforested and new site chosen.

0007-44

[illegible]

1916-1950, P-Rejected

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1929 ✓	✓ D 32 - 40	✓ n.p 50. ✓	



# RAINFALL

Station WOOD BURN NO 3  
 County ANTRIM  
 Authority BELFAST WATER COMMISSIONERS  
 File 2522  
 BELFAST  
 TF MUNICIPALITY

No. 97-967877  
 (Old No. —)  
 Grid Ref. 1J(33) 361896  
 Altitude 233M 764B ft.  
 River Basin WOOD BURN  
 Tributary BOYDSTOWN

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...										4.80	
February...										3.73	
March ...										3.25	
April ...										3.67	
May ...										2.10	
June ...										2.44	
July ...										9.14	
August ...										5.60	
September										3.70	
October ...										6.90	
November										5.34	
December										3.10	
TOTAL ...										53.77	
Percentage											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 ..... in. ....  
 1916-1950 ..... in. ....  
 ..... in. ....

Type and capacity of gauge

N+Z BRADFORD (5-INCH)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M).....

\*NOTES on years with incomplete or unsatisfactory data:-

1960 DATA RECEIVED MARCH 1962.

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW



METEOROLOGICAL OFFICE,  
**RAINFALL**

Station Wood Burn NO 4 No. 97- 967862  
County ANTRIM (Old No. \_\_\_\_\_)  
Authority BELFAST WATER COMMISSIONERS Grid Ref. 15(33) 354883  
\_\_\_\_\_ 2234 Altitude 730 B ft.  
\_\_\_\_\_ River Basin Wood Burn  
File 2522 967862 51 BELFAST Tributary BOYDSTOWN  
TF \_\_\_\_\_

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...										4.80	
February...										3.95	
March ...										3.26	
April ...										3.90	
May ...										2.40	
June ...										2.45	
July ...										7.59	
August ...										5.60	
September										3.15	
October ...										6.65	
November										5.20	
December										3.00	
TOTAL ...										51.95	
Percentage											

**AVERAGE ANNUAL RAINFALL**

Actual

Estimated from data for:-

1881-1915 ..... in. ....  
1916-1950 ..... in. ....  
..... in. ....

Type and capacity of gauge N & Z BRADFORD (5-INCH)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M).....

\*NOTES on years with incomplete or unsatisfactory data:-

1960 DATA RECEIVED MARCH 1962

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

Proforma for retrospective data

METEOROLOGICAL OFFICE.  
**RAINFALL**

Station WOOD BURN No1  
County ANTRIM  
Authority BELFAST WATER COMMISSIONERS  
File 2522 967865 51 BELFAST TF WATERBURY

No. 97-967865  
(Old No. \_\_\_\_\_)  
Grid Ref. 1J(33) 35 3896  
Altitude 259m 849 ft.  
River Basin WOOD BURN  
Tributary ---

YEAR										1960	Means
January ...										5.14	
February...										4.30	
March ...										3.57	
April ...										3.83	
May ...										0.20?	
June ...										2.55	
July ...										8.78	
August ...										5.70	
September										3.70	
October ...										7.30	
November										5.20	
December										3.12	
TOTAL ...										53.39	
Percentage											

**AVERAGE ANNUAL RAINFALL**

Actual

Estimated from data for:-

1881-1915 ..... in. ....  
1916-1950 ..... in. ....  
..... in. ....

Type and capacity of gauge N & Z BRADFORD (5-INCH)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M).....

\*NOTES on years with incomplete or unsatisfactory data:-

1960 DATA RECEIVED MARCH 1962

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

Proforma for retrospective data



Station No. T.F. 6225

RAINFALL at Carrickfergus (Coveland)

51

County of Antrim

Observer R.H. McCreagh, Esq., B.Sc.

River Basin 1-Belfast-Lough

H.E.D. Bain, Esq., B.A. (1952)

Type of Gauge M.O.

Annual Average 49.0 in. based on 26 years obs. un-weighted. Period of average 1916-50

41.57 - 26 within 1928-57 File No. 664992/26 623643/55

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	427'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.31	4.00	1.57	3.73	4.28	3.69	4.37	4.46	3.16	4.58	
February ...	2.71	1.01	1.21	3.87	4.29	1.22	2.98	4.99	1.11	3.58	
March ...	3.67	1.87	.44	4.49	2.10	1.83	3.42	2.93	2.59	3.06	
April ...	2.05	1.90	2.41	1.19	2.44	1.20	1.55	2.33	3.05	3.48	
May ...	2.93	1.41	2.34	4.32	3.33	1.40	2.51	3.11	1.37	1.73	
June ...	2.03	3.17	1.93	3.52	6.04	2.99	1.91	6.03	2.62	2.11	
July ...	3.26	2.31	6.38	4.41	1.53	3.92	4.14	5.73	3.82	7.56	
August ...	4.25	6.49	3.38	3.29	1.14	6.68	3.58	6.33	1.45	6.19	
September ...	2.67	1.98	3.12	4.49	4.41	4.28	4.98	4.32	1.62	3.46	
October ...	0.52	4.08	2.42	7.11	3.92	3.16	3.97	2.32	4.00	7.32	
November ...	7.52	1.98	4.10	6.39	2.92	1.54	2.38	2.27	4.07	4.99	
December ...	5.59	4.47	3.75	5.95	5.99	4.55	4.91	5.96	6.54	3.20	
TOTALS ...	41.51	34.67	33.05	52.76	42.39	36.46	40.70	50.78	35.40	51.26	

Imp. VII 1958 B.O.K. S. sound. Satisfactory exposure but trees have been planted all around a few trees to be removed to allow a few more readings. A new site was chosen which will be used when present site becomes completely overhauled at N.G.R. 430915

000743

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 1J429916

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1928	✓	✓	



Station No. 6227

RAINFALL at Carrickfergus (Loughmawne)

51

County of Antrim

Observer R.H. McCallough Esq., B.Sc.

River Basin 1 - Belfast-Lough

H.E.D. BAIN, Esq., B.A. (952)

Type of Gauge M.O.

Annual Average 42.5 in. based on years obs. un-weighted. Period of average 1916-50

44.57 - 28 - with 1929-57 - 1916-50 664992/26 625643/9

Diameter ...	5"			967	744						
Height ...	1' 0"				1			1' 2"			
Altitude ...	596'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.05	4.93	1.64	4.00	4.40	4.05	4.83	5.13	3.20	5.00	
February ...	3.09	1.18	1.33	4.23	4.44	1.29	2.96	5.29	1.25	3.67	
March ...	3.56	2.06	.48	4.77	2.23	2.00	3.90	2.96	2.76	3.39	
April ...	1.94	2.21	2.70	1.31	2.90	1.25	1.73	2.29	2.93	3.81	
May ...	3.08	1.49	2.42	4.62	3.49	1.75	2.76	3.26	1.38	1.74	
June ...	2.19	3.40	2.19	3.85	5.94	3.08	2.09	6.14	2.57	2.32	
July ...	3.41	2.33	6.70	4.76	1.59	3.48	4.35	6.38	3.87	8.44	
August ...	4.78	7.07	3.77	3.61	1.42	6.91	3.99	5.62	1.47	6.26	
September ...	3.10	2.21	3.50	4.76	4.78	4.61	5.70	4.77	1.65	3.42	
October ...	0.68	4.37	2.70	7.46	3.98	3.50	4.31	2.56	4.06	7.45	
November ...	7.81	2.21	4.40	6.71	3.15	1.87	2.41	2.32	4.18	5.38	
December ...	6.17	5.04	4.16	6.24	6.67	4.61	5.12	6.09	6.81	3.33	
TOTALS ...	44.86	38.50	35.99	56.32	44.99	38.40	44.15	52.81	36.13	54.21	

Inst. II 1954 J.B.O.K. by sound & site satisfactory. Uncertified measure. Area has been afforested and a new site was chosen at grid ref. 418924

000742

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 15 416 922

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P- Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1929	✓	✓	
		✓	✓	✓	



Station No. 6227/4

51

RAINFALL at Larne (Ballycarry)

County of Antrim Observer John McClinton, Esq.

River Basin 2 - Glenasmole & Coast

Type of Gauge B.A.

Annual Average 41.63 in. based on 7 years obs. un-weighted. Period of average 1916-1950 Ref. P. File No. E. 10377/49

Diameter ...	5"			5	967	535					
Height ...	1'0"			1 0		1		7"			
Altitude ...	250'			210		51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.25	4.10	1.33	4.06	3.98	3.82	4.11	4.48	2.74	4.61	
February ...	3.11	0.82	1.30	4.19	3.62	1.10	2.60	4.28	.97	4.20	
March ...	3.44	1.70	.42	4.41	1.35	1.55	3.35	2.41	2.55	2.86	
April ...	2.31	2.37	1.96	1.13	2.44	.85	1.41	1.59	2.24	3.57	
May ...	2.53	1.44	2.71	3.47	3.10	1.52	2.68	2.66	.93	1.64	
June ...	2.34	2.56	1.66	3.55	5.04	2.58	1.56	5.31	2.02	1.91	
July ...	2.75	1.68	6.43	4.03	1.32	3.39	4.07	4.93	2.99	6.68	
August ...	4.20	6.41	3.10	2.89	1.24	6.90	3.42	5.65	1.24	5.39	
September ...	2.56	1.90	3.52	3.86	4.37	3.64	4.74	4.09	1.37	2.98	
October ...	0.46	3.94	2.61	7.16	3.40	3.15	4.17	2.69	4.03	6.33	
November ...	6.54	3.54	3.84	6.08	2.56	1.66	1.96	2.32	3.81	4.48	
December ...	6.17	4.05	3.33	4.95	6.31	4.88	4.89	5.87	6.19	3.07	
TOTALS ...	40.66	34.51	32.21	49.78	38.73	35.04	38.96	46.28	31.08	47.72	

1951 House 20', 15' NE, Tree 40', 25' SE. High I 1958 J.B.O.K. House 45', 60' NNE-25' NE. Trees 45', 80' NW, 60' 110' SW, 50-55', 100' S-SSW. Unsettled measure. No sites any better.

9/173

000741

Position of Station on Ordnance One-Inch map :				No. of Map.....		National Grid Reference I.J. 459949			
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.		Distance Direction from gauge.	
1951			Ballycarry	1ml	ESE	Ballycarry		1ml	S
Summary of Earlier Records from 10-year Sheets :									
		1910-19	1920-30	1931-40	1941-50	1951-60			
Record D, or d					Cmp 1949				

RAINFALL at Lane (Grammar School) Station No. M. 6227/7.

County of Anttrim. Observer T. A. McNulty, Esq.

River Basin Glenam DC - 2

Type of Gauge B.A.

51

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. M. 15467/59

Diameter ...				967	342				5"		
Height ...					1				0' 11"		
Altitude ...					51				150'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								4.41	100	4.06	
February ...								4.21		4.67	
March ...								2.02		2.95	
April ...								1.55		3.85	
May ...								2.46		1.55	
June ...								4.79		2.04	
July ...								4.76		7.93	
August ...								3.68		4.19	
September ...								4.24		2.32	
October ...								3.54		6.67	
November ...								0.78	100	5.28	
December ...								5.09	7.30	3.64	
TOTALS ...								41.53	100	49.15	
								n.p.	n.p.	7	

1959 - gauge at rear of classroom; slight shelter to E. Site chosen by Inspector.  
1958 n.p. record appears low.

000740

Position of Station on Ordnance One-Inch map:				No. of Map	National Grid Reference	
				309	TD 393026	
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
					C1959.



Station No. *M. 6228*RAINFALL at *Larne (Sallagh Springs)*

51

County of *Antum*Observer *J. E. Grosdale Esq., M.A.M. Inst. C.E.*River Basin *2- Glenasmole & C**H. C. WALKER, Esq. (A.M.I.C.E.) (1953)*Type of Gauge *Standard H.O.*Annual Average *59.0* in. based on *omitted 1955* years obs. un-weighted. Period of average *1916-1950* Ref. *746989/27 P**50.35 in based on 35 - 1916-1950*File No. *1916-1950*

Diameter ...	5"										
Height ...	1' 0"		4' 6"	1' 0"							
Altitude ...	566'		566'			51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.51	4.21	1.52	5.07	5.24	6.05	5.58	5.87	3.47		
February ...	3.26	.80	1.47	5.41	6.05	1.85	4.50	5.26	1.61		
March ...	3.70	2.18	.60	4.73	1.77	2.06	4.23	3.04	3.25		
April ...	2.31	1.96	2.36	1.33	3.69	1.47	1.86	2.61	3.67		
May ...	2.79	2.38	2.92	4.05	3.54	1.80	3.36	3.53	1.84		
June ...	4.43	2.81	3.13	3.29	5.13	3.72	3.34	6.08	2.43		
July ...	2.55	2.30	6.34	4.26	.19	4.62	5.27	6.00	4.66		
August ...	5.93	7.14	4.15	3.10	1.77	8.67	5.01	5.16	1.61		
September ...	3.41	3.54	5.12	4.36	5.86	4.81	8.15	5.44	1.84		
October ...	0.85	5.27	2.96	7.42	4.86	3.68	5.40	3.83	-100		
November ...	8.79	4.22	5.00	6.51	3.45	2.86	2.52	1.94	-100		
December ...	6.64	4.41	4.15	6.88	7.40	6.57	7.07	6.72	-100		
TOTALS ...	48.17 D	41.22 D	39.72 D	56.41 D	48.95 D	47.16 D	56.29 D	55.48 D	100 nr.	NR	

*1953 7am 20' high 150' S, then 25' high 50' NNE, then 40' high 100' S**Just S 1953 1.60k. Trees 25-30', 30-25' N-NE. Then 240' NW give v. st. no shelter. Trees SSE-SE just border on over shelter but necessary for wind-break. Reasonable exposure of ground. 25.1.60 Terminated. No staff.*

000739

*1953 record taken over by Survey Branch Comd of Larne.*

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference *ED 348 049*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1953			Larne	19,000' ESE	Can. castle (St. Patrick's)	8,000' NNE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	
		D 21-29	D 32-40	✓	



Station No. 6228/5

RAINFALL at Parkmore Forest

51

County of Antrim

Observer N. Stephens, Esq.  
Dept. of Geog. Queen's Univ.

River Basin

engineer 47 B.D. D'Connor  
Forester's Cottage, Parkmore  
Ballymena

Type of Gauge M.D. 628/55

Annual Average in. based on 140.13938/56 w.f. 41/54 years obs. un-weighted. Period of average Ref.

File No. E-19934/56

Diameter ...				966	207		5"				
Height ...					1		11 1/2"				
Altitude ...					51		779'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						-100	6.27	7.83	3.36	5.65	
February ...							3.96	7.91	-100	6.43	
March ...							4.30	2.82		2.76	
April ...							2.09	3.92		4.66	
May ...							2.08	6.14		3.53	
June ...							4.03	6.62	-100	4.19	
July ...							7.43	6.75	4.09	10.01	
August ...						-100	5.63	7.47	-100	6.06	
September ...						#6.55	10.48	6.00	1.45	3.26	
October ...						5.34	5.46	5.26	6.96	7.76	
November ...						4.70	3.25	-100	5.71	6.32	
December ...						8.00	7.92	-100	11.41	-100	
TOTALS ...						-100	62.90	-100	-100	-100	
						inc	D	inc	inc	rp.	

1958 - Insp'd. 3.12.54 - Good site at head of Glenariff, above present tree-line, but planting now in process at higher levels may - after 30 yrs - cause over-shelter.  
Hilly, with slope down to S.E.

1958 n.p. inc.

000738

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference D 203207

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
16. 8. 57	55° 1' N	6° 7' W				

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



RAINFALL at Bloughmills (Altnahinch)

County of ANTRIM

Observer BALLYMONEY R.D.C

River Basin 3 - Bush & C

Type of Gauge OCTAPENT

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E 17883/54

Diameter ...					5"	963	670				
Height ...					1' 0"		1				
Altitude ...					830'		51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					-100	4.81	7.42	7.69	6.10	5.65	
February ...						2.05	4.40	7.06	1.88	7.15	
March ...						2.28	4.45	3.43	4.30	2.20	
April ...						1.97	2.01	2.96	4.50	3.65	
May ...						2.25	1.97	4.72	1.65	3.31	
June ...					#						
July ...					-100	4.25	3.50	5.20	2.30	4.30	
August ...					0.28	5.42	7.57	5.45	5.25	8.15	
September ...					1.25	7.90	4.45	4.99	1.70	4.95	
October ...					6.78	4.35	7.43	4.80	1.83	3.55	
November ...					4.97	4.35	4.93	4.09	5.45	7.25	
December ...					3.06	3.69	3.01	3.05	7.55	5.40	
TOTALS ...					5.30	7.92	6.70	6.80	9.35	4.95	
					-100	51.24	57.84	60.24	51.86	60.61	
					imp	m	m	ft.	ft.	m	

Since 1955 - Site recommended by J. Met. O. Aldergrove

000737

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 20(24) 123230

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Ballymoney	11 m/s W.N.W. 1958 W	Longhule	3 1/2 m. W.N.W. 1958 W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60

Station No. 6230/0/1

RAINFALL at Ballycastle (Coolgreany)

51

County of Antrim      Observer E. R. Basement, Esq.

River Basin 3-Bush & C

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted.      Period of average 1916-50      Ref. 8  
" " 41.62 " " 13 " within 1944-57 " " File No. 814330/27

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	90'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.47	5.89	1.70	5.61	3.94	3.87	4.89	5.35	2.57	4.18	
February ...	3.98	1.73	1.82	3.83	2.08	1.39	2.70	4.97	1.14	5.83	
March ...	3.27	1.07	0.65	2.46	1.30	2.21	2.74	1.45	2.62	1.85	
April ...	2.27	1.51	2.44	1.22	2.24	.98	1.65	1.84	3.31	2.67	
May ...	1.55	1.12	2.93	3.07	3.56	1.74	2.00	2.75	1.46	2.22	
June ...	3.78	2.98	3.05	3.12	3.78	2.66	1.49	4.25	1.68	2.10	
July ...	3.79	3.37	5.16	4.00	.73	4.16	4.10	5.34	4.17	6.12	
August ...	2.84	8.74	3.40	3.64	.78	5.47	3.84	3.66	1.16	5.20	
September ...	3.29	3.85	4.62	5.46	4.58	2.96	5.25	3.50	1.19	2.86	
October ...	1.25	3.60	1.77	6.05	3.65	3.53	4.11	3.64	4.52	6.33	
November ...	9.18	3.47	3.81	7.08	2.03	2.89	1.56	2.33	4.34	4.55	
December ...	6.65	5.06	4.01	6.67	4.93	5.30	4.45	5.43	6.64	4.44	
TOTALS ...	45.32	42.39	35.36	52.21	33.60	37.36	38.78	44.51	34.80	48.25	

1951 House 30' 50yds SW.

000736

Position of Station on Ordnance One-Inch map :      No. of Map.....      National Grid Reference ID(34)23406

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1951			Ballymoney	17mi	S	Ramwan	1 1/2mi	SW.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C.1944 ✓but d 44	



Station No. 6230/0/3.RAINFALL at PontreuchCounty of AntumObserver Capt. W. R. Shutt, M.C.River Basin Bush & C/3.

Type of Gauge .....

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....

File No. E 21612/27.

Diameter ...				5"	963	565					
Height ...				1' 0"		1					
Altitude ...				18'		51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				100	3.68	2.99	4.28	4.46	2.40	3.34	
February ...				1	2.17	1.55	2.43	4.13	.80	3.32	
March ...				1	0.96	1.24	2.99	1.24	2.37	1.39	
April ...				* 100	1.99	.94	1.21	1.80	4.12	2.43	
May ...				3.12	3.09	1.06	1.16	2.39	1.00	1.85	
June ...				2.67	3.40	2.71	1.80	4.32	1.80	2.58	
July ...				2.92	.68	3.84	5.66	3.88	4.88	5.43	
August ...				2.30	.63	4.33	2.81	4.35	.89	8.27	
September ...				3.64	4.57	3.66	4.83	2.16	1.23	2.60	
October ...				4.81	3.45	2.71	3.25	3.14	3.93	2.82	
November ...				5.56	1.20	2.63	3.18	2.19	3.56	2.77	
December ...				4.61	4.12	3.21	2.50	3.22	4.25	4.84	
TOTALS ...				100	29.94	30.92	36.10	37.28	31.23	41.64	
				in	np.	np	np d.	D	D	D	

1954 - Back from 1954-1957.

1960 Circular fence, chain on wood posts, 29" high, radius 64", gauge 29 units, ground level N-S. To W gentle slope for 30 then rises steeply to 50' in about 200' Over - returned to winds SW - N.W. (Inspection Report).

Position of Station on Ordnance One-Inch map:

No. of Map 304National Grid Reference IC (24) 854411

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1960					



Station No. T.F. 6230/0/5

51

RAINFALL at Toomebridge

County of Antrim Observer M. G. Finance Lock Keeper

River Basin 4 - Barn Lower

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. S
" " 36.23 - 19 " " within 1938-57 " " 1916-50
File No. E. 12625/50

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

Imp. I. 1958 J.B.O.K. by sound. Good exposure. Unclassified measure. Trees to WSW & ESE may
unsheltered late also young apple trees planted near gauge.
00404 000735

\* per Government of Northern Ireland

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference IH 988905

Table with 7 columns: Date, Lat. N., Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No. T.F. 6232

RAINFALL at Stoneyford (Belfast ~~Waterworks~~)

51

County of Antrim

Observer (old gauge No. 1, 2/59)

River Basin B. Bann - Lough Neagh East.

R. H. McCullough, Esq., B.Sc.

Type of Gauge M.O.

R.E.D. Bann, Esq. B.A. (1952)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

41.21 28 weeks 1929-57

File No. 664992/26 23613/59

Diameter ...	5"				950	578					
Height ...	1' 0"					1		11"			
Altitude ...	453'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.35	4.25	1.54	2.98	4.91	3.38	3.99	4.67	2.24	4.38	
February ...	4.20	.95	1.47	3.85	3.18	1.33	2.15	4.81	1.53	2.58	
March ...	3.62	1.46	.36	3.26	1.61	1.85	3.20	2.10	2.69	2.57	
April ...	2.18	1.84	1.80	.73	2.62	1.35	1.45	1.93	3.18	3.13	
May ...	3.58	1.24	1.78	4.46	2.88	1.26	2.35	3.71	1.14	2.37	
June ...	3.06	3.43	1.83	2.99	4.94	3.53	1.38	6.49	2.15	2.39	
July ...	5.22	2.27	5.55	4.67	1.59	3.28	4.79	5.26	5.13	7.90	
August ...	4.53	5.80	3.09	2.94	1.31	7.76	4.77	3.88	1.08	6.51	
September ...	2.63	1.91	2.69	4.12	4.40	3.47	5.81	5.76	1.64	2.82	
October ...	0.78	4.40	1.89	6.08	2.40	2.78	4.19	2.68	4.23	5.42	
November ...	7.40	3.71	3.74	5.66	2.49	1.41	2.26	1.99	3.93	3.92	
December ...	4.43	4.02	3.43	4.78	5.00	5.43	5.01	5.41	5.65	2.99	
TOTALS ...	44.98	35.28	29.17	46.52	37.63	36.83	41.35	48.69	34.59	46.98	

Imp. I 1959 J.B.K. Over-extended all directions. Tuf wall rec. or new tile available. by sound.  
1959 No. 2 gauge (S/N 6232/1) set up - to have 1 yr overlap with No. 1 gauge.  
New gauge records recognised from Feb. 1959. What does this mean? 0 0 0 7 3 4

As not to be used with 6232/1

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference JJ 22 1701

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1929	✓	✓	



RAINFALL at Stoneyford (Belfast Waterworks) No 2 New gauge 51

Station No. 6232/1

County of Antrim

Observer R.E.D. Bain, Esq. B.A.

River Basin Bann, Lough Neagh E-5.

Type of Gauge .....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E. 23643/58

Diameter ...					950	586			3"		
Height ...						1			1' 0"		
Altitude ...						51			453		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	For records, see old gauge, s/n 6232 - - - - -								(2.24)	4.25	
February ...									1.52	2.53	
March ...									2.65	2.46	
April ...									3.19	3.05	
May ...									1.15	2.31	
June ...									2.21	2.40	
July ...									5.19	7.60	
August ...									1.06	6.32	
September ...									1.64	2.80	
October ...									4.25	5.24	
November ...									3.94	3.67	
December ...									5.55	2.90	
TOTALS ...									(34.59)	45.53	

1959 - New gauge to replace s/n 6232 - 1 year overlap (Junc pipes taken from old gauge (s/n 6232) which continue for overlap period. New gauge record 3  
replaced from outlet. 40004

Position of Station on Ordnance One-Inch map:				No. of Map.....	National Grid Reference <u>II 218701</u>	
Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge		Parish Church

Summary of Earlier Records from 10-year Sheets:						
		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d						



Station No. 6232/2

RAINFALL at Leathemstown (Belfast Watersides)

51

County of Antrim Observer R.H. McCullough, Esq., B.Sc.

River Basin 5-Bann-Lough Neagh East H.E.D. B.A.M., Esq., B.A. (Agr.)

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50

" " 41.32 " " 12 " within 1939-57 " " 664.89 2/26

Diameter ...	5"				950	648					
Height ...	1'0"					1		1'1"			
Altitude ...	534'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.72	4.94	1.76	2.87	4.97	3.81	3.70	4.26	2.35	4.26	
February ...	4.09	1.21	1.46	3.98	3.27	1.43	2.15	4.65	1.59	2.95	
March ...	3.26	1.65	.26	3.37	1.39	1.72	2.96	2.30	2.80	2.93	
April ...	1.48	2.21	1.47	.60	2.53	1.13	1.48	2.01	2.99	3.13	
May ...	3.15	1.36	1.67	4.24	2.64	1.10	2.38	3.91	1.29	4.98	
June ...	3.02	3.67	1.96	3.06	4.57	3.33	1.10	6.30	2.23	2.50	
July ...	5.00	2.19	5.57	4.07	1.65	2.69	4.64	4.13	5.57	7.60	
August ...	4.06	6.14	3.50	2.87	1.28	7.91	4.89	3.92	.99	5.96	
September ...	2.85	1.94	3.23	3.56	4.28	3.50	5.88	6.02	1.73	2.98	
October ...	0.84	4.59	1.68	5.66	2.36	2.60	3.80	2.37	4.05	5.54	
November ...	8.22	3.91	3.64	5.83	2.67	1.31	2.12	2.05	4.24	4.05	
December ...	4.57	4.61	3.55	4.62	4.82	5.48	5.43	6.32	6.33	3.02	
TOTALS ...	44.26	38.42	29.75	44.73	36.43	36.01	40.53	48.24	36.16	49.90	

Inst. I 1958 J.B.O.K. g. sound. Site slightly over-impacted N-W-S. Good site available  
July 1959 Corrd by A.O. Belfast

000732

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference II 214723

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1939 D 40 d. 39	✓ ✓	



RAINFALL at Belfast (Belfast Airport) 51

County of Antoin Observer Meteorological Office

River Basin 5-Bann Lough Neagh East

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
" " 39.00 " " 9 " " 1949-57 " " " 1916-50 - S  
File No.....

Diameter ...	5"				950	443					
Height ...	1' 0"					1					
Altitude ...	338'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.54	3.74	1.57	3.05	4.27	3.74	3.95	4.19	2.02	3.67	
February ...	3.14	.86	1.32	4.51	3.53	1.09	2.32	4.33	1.52	2.81	
March ...	2.35	1.44	.22	3.45	1.34	2.09	2.45	2.03	3.01	2.32	
April ...	1.09	1.69	1.45	.47	2.65	1.29	1.33	1.68	2.47	3.43	
May ...	2.21	1.38	1.96	4.11	2.46	1.27	1.91	3.36	1.13	2.31	
June ...	2.67	3.19	2.40	3.32	4.46	3.11	1.48	5.41	1.98	2.45	
July ...	3.87	2.04	4.76	3.42	1.37	3.00	4.12	3.71	4.28	6.55	
August ...	2.37	4.68	2.81	2.73	1.43	6.44	4.55	3.55	1.01	4.96	
September ...	1.88	1.98	2.69	3.73	4.46	2.97	5.55	5.73	1.51	3.05	
October ...	0.81	4.06	2.32	6.59	2.57	2.46	3.55	2.40	3.74	4.80	
November ...	7.62	3.35	3.64	6.39	2.33	1.25	1.73	1.86	3.67	3.48	
December ...	4.55	4.06	3.36	4.46	5.06	5.63	5.13	5.39	6.65	2.67	
TOTALS ...	35.10 d	32.45 D	28.50 D	46.23 D	35.93 D	34.34 D	38.07 D	43.64 D	32.99 D	42.50 D	

573

000731

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 12(33) 196776

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				Comp 1948 ✓	



METEOROLOGICAL OFFICE.

# RAINFALL

Station Aldergrove [RAF Control Tower]  
 County Antrim  
 Authority Meteorological Office  
 No. 97-955823  
 (Old No. 6233)  
 Grid Ref. ij (33) 146802  
 Altitude 66 metres (217 ft. B)  
 River Basin BANN  
 File TF / (MWR) / m / a Tributary Sixmile - Lough Neagh

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.47	3.10	1.49	2.74	3.88	2.88	3.71	3.45	1.97	3.10	
February ...	2.02	.75	1.00	3.95	3.24	1.19	1.57	3.76	1.23	2.10	
March ...	2.09	1.42	.35	2.73	.87	1.45	2.28	1.46	2.58	1.88	
April ...	1.22	1.20	1.05	.38	2.61	1.00	1.14	1.25	1.97	2.60	
May ...	1.33	1.19	1.63	3.27	2.57	.83	1.74	2.76	.96	1.81	
June ...	2.70	2.55	2.21	2.84	3.85	2.48	1.64	4.65	1.89	2.29	
July ...	3.31	1.73	4.68	3.60	1.23	2.44	4.19	3.92	4.10	5.75	
August ...	3.56	4.24	2.52	2.20	1.60	6.32	4.19	2.79	.91	4.75	
September ...	2.61	1.39	2.40	2.75	4.51	2.34	4.71	4.07	1.65	2.67	
October ...	.75	3.11	2.06	5.79	2.67	2.07	3.23	2.05	4.02	3.49	
November ...	6.05	3.01	3.06	5.03	1.81	1.30	1.07	1.62	3.08	2.78	
December ...	3.88	3.54	3.34	3.74	3.93	4.33	4.75	4.24	5.27	2.07	
TOTAL ...	31.99	27.23	25.79	39.02	32.77	28.63	34.22	36.02	29.33	35.28	
Percentage ...											

## AVERAGE ANNUAL RAINFALL

1881-1915 33.0 in. Actual  
 1916-1950 34.67 in. Estimated from data for:-  
54s [deemed homogeneous for this site]  
at the time  
P {1927-56 with 6235}  
{1927-55 with 6213}

Type and capacity of gauge MD 5" + A (TSR)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D) : W : M) March 1947 [July 1926]

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

Proforma for retrospective data



Station No. 6233/8

51

RAINFALL at Randalstown

County of Antrim Observer J. J. Old Bleach Smith & Co. Ltd.,

River Basin 5-Bann Lough Neagh East Randalstown, N. Ireland.

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. S  
" 41.18 " 12 " within 1945-57 " 1916-50 File No. E 2139/45.

Diameter ...	5"				954	233					
Height ...	1' 0"					1		10"			
Altitude ...	100'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.34	4.06	1.26	3.32	4.54	3.22	4.56	(4.41)	2.54	4.39	
February ...	2.37	1.20	1.14	4.00	2.85	1.64	1.90	4.09	1.29	2.93	
March ...	1.85	1.79	0.33	3.09	.94	1.63	3.31	1.48	2.52	2.19	
April ...	1.31	1.55	1.53	.62	2.84	.86	1.66	1.84	2.96	2.35	
May ...	1.35	1.49	1.87	3.51	3.28	1.41	2.28	2.14	1.31	2.44	
June ...	3.70	2.39	2.64	3.36	4.04	3.66	1.91	5.00	1.57	2.57	
July ...	3.77	1.90	5.95	4.21	1.13	4.68	6.06	4.33	3.79	6.57	
August ...	5.26	7.15	3.68	2.04	1.33	7.45	4.37	4.01	.91	4.73	
September ...	1.90	2.15	3.00	4.52	5.47	3.41	5.07	5.13	1.69	2.75	
October ...	1.18	3.83	2.44	6.12	2.93	2.78	3.26	2.72	4.37	3.45	
November ...	6.29	3.41	2.78	5.64	2.34	1.95	1.37	2.17	3.43	3.46	
December ...	4.44	4.78	3.85	4.93	4.67	4.05	5.08	4.27	6.23	2.79	
TOTALS ...	36.76	35.70	30.47	45.36	36.36	36.74	40.83	41.59	32.61	40.56	

Inst. 1958 J.B.O.K. Chimney 125' 30" SSW. Only slight overshoot. Reasonably well exposed about best site available. Uncertified measure. 40004

000729

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IJ 083907.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				C 1945 D 46-48, 50 d 45.	



Station No. .... 6233 / 9

RAINFALL at BALLYCHANE (LITTLE ARDMAGH) Killybane Reservoir 1957 51

County of ANTRIM

Observer F. G. JOHNSTON, Esp

River Basin 5 - BANN LONGH NEAGH EAST

Type of Gauge..... OCTAPENT.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

" " 49.48 " - 5 " 1953-57 " " " 1916-50 - 5

File No. E 13566/5

Diameter ...		5			953	637					
Height ...		10				1					
Altitude ...		741				51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...		100	1.69	5.10	3.39	6.93	4.98	4.93	3.42	4.72	
February ...			2.01	5.07	5.25	1.78	4.14	5.74	1.91	5.51	
March ...			0.76	4.54	1.59	1.74	3.71	3.51	3.37	3.44	
April ...			(3.23)	(1.39)	3.81	2.05	2.20	3.37	3.03	4.06	
May ...			2.84	3.79	2.59	1.86	2.54	3.62	1.61	2.28	
June ...		100	2.30	4.61	4.87	3.81	3.94	5.57	2.95	2.47	
July ...		2.35	5.93	5.76	1.63	5.70	5.57	6.17	5.46	8.12	
August ...		8.06	4.34	3.74	1.23	8.67	4.62	4.44	2.37	5.99	
September ...		3.45	4.04	4.39	5.66	3.61	6.87	5.28	2.15	2.73	
October ...		6.25	1.26	7.10	3.93	2.31	4.34	3.59	3.79	7.87	
November ...		4.98	3.05	6.94	3.17	2.33	3.33	2.49	6.85	5.45	
December ...		6.64	4.08	6.18	6.30	5.97	5.52	6.97	8.81	4.03	
TOTALS ...		100 unc M. NP	35.53 W	58.61 W	43.42 W	46.76 W	51.66 W	55.68 W	45.72 W	56.87 W	

1952 Wall 3 1/2' high NE, 50' away at nearest, fence line 20' NW, stone wall 26' SW, ledge 9' high 33' SE  
 1952 NP. incomplete. 04004 04004  
 1953. Apr. part east M035. J 573  
 1954 Apr. part east M035  
 July 1954 J. 150K. G. round. Satisfactory exposure. 1/2" cal. measure used.

0 0 0 7 2 8

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference **TS 279986**

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1952			Ballynara	11 1/2 mi	W	St. Anthony's	3 mi	W

*Summary of Earlier Records from 10-year Sheets :*

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60

Station No. 6234/3 M.

RAINFALL at Glenwherry (Innise)

51

County of Antrim Observer Rev. D.P. Conery B.A.

River Basin 5-Bann Lough Neagh East per Government of N. Ireland.

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E.12625/50

Diameter ...	5"										
Height ...	1'0"										
Altitude ...	690'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.74										
February ...	3.15										
March ...	3.39	2.02									
April ...	2.28	2.34									
May ...	2.15	1.16									
June ...	4.65	3.41									
July ...		3.04									
August ...	4.99										
September ...											
October ...	12.0										
November ...	9.64										
December ...	6.19										
TOTALS ...	INC NP	INC NP	N.R.	NR.							

1951 N.P. incomplete.  
1952. Obs left Aug. NP inc.  
As records linked.

if month of 1954 complete

000727

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					C. imp 1947 ✓ but d 50.	



Air Ministry, Meteorological Office

Station No. 6234/8 M.

RAINFALL at Carrinard Mountain

County of Entrim Observer Mid-Entrim Waterworks

River Basin Carr-Lough Neagh-East/5 Joint Bd.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. M 1635/60.

Diameter ...												
Height ...												
Altitude ...										1150'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...												
February ...												
March ...												
April ...												
May ...												
June ...												
July ...												
August ...												
September ...												
October ...												
November ...												
December ...												
TOTALS ...												

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference T-318983.

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1960.					

Station No. M. 6235

RAINFALL at Ballymena (Hannysville)

51

County of Antrim Observer J. Leatham, Esq.

River Basin B. Bann Lough Neagh East

Type of Gauge M.O.

Annual Average 41.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N 1916-1950 File No. A. 200107/40

Diameter ...	5"				5"	953	210					
Height ...	1' 5"		1' 0"		1' 0"		1					
Altitude ...	150'				150'		51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	145-57
											51-60	
January ...	3.57	4.89	1.63	3.82	3.86	3.54	4.74	4.34	2.73	3.61	3673	2605
February ...	2.76	1.26	1.65	4.13	3.83	1.37	2.36	4.35	1.19	3.98	2688	1736
March ...	2.20	2.08	0.54	2.89	.75	1.50	3.07	1.57	2.50	2.09	1919	1303
April ...	1.56	1.61	2.32	.61	2.42	1.40	1.60	1.70	2.78	2.59	1859	1152
May ...	1.45	1.50	1.73	4.36	2.78	1.26	1.55	2.57	1.37	1.76	2033	1463
June ...	3.29	2.97	2.93	3.50	3.95	3.47	3.43	3.54	1.61	2.14	3083	2354
July ...	3.55	2.04	4.18	3.99	1.16	4.47	4.53	4.75	3.30	5.92	3789	2392
August ...	4.94	7.04	4.30	2.38	.97	6.53	3.44	4.45	.77	4.31	3913	2960
September ...	2.42	2.90	3.60	4.63	4.69	2.55	5.52	3.90	1.70	2.67	3458	2631
October ...	1.34	4.10	2.53	7.76	3.54	3.63	4.12	2.24	5.16	3.76	3818	2702
November ...	7.29	3.59	3.20	5.75	2.17	2.39	1.46	(2.04)	3.70	3.37	3496	2585
December ...	4.98	4.66	3.76	6.04	4.34	4.52	5.66	4.33	6.74	3.34	4837	3396
TOTALS ...	39.35	38.64	32.37	49.86	34.46	36.63	41.48	39.78	33.55	39.54	3856	27279
	D	D	D	D	D	D	D	D	D	D		

Irish II 1958/80K. J. record. Satisfactory exposure.

00024

000726

Position of Station on Ordnance One-Inch map : No. of Map IRISH National Grid Reference D(34)10K7029

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	
		✓	✓	✓	



Station No. M 6237

RAINFALL at Broughshane (Anolis)

51

County of Antrim Observer H.W. Craig, Esq., C.E.

River Basin S. Bann-Lough Neagh East

Type of Gauge Snowden

Annual Average 47.3 in. based on years obs. un-weighted. Period of average Ref.

File No. 517579/36 1916-50-3

Diameter ...	5"			952	984						
Height ...	1' 6"				1			1' 2"			
Altitude ...	864				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.23	5.69	2.29	6.08	4.70	5.58	5.22	5.68	3.44	4.79	
February ...	4.02	2.26	2.31	4.29	5.26	1.96	3.49	6.05	2.02	5.00	
March ...	4.33	1.93	0.79	4.11	1.59	2.11	3.80	2.72	2.82	2.62	
April ...	2.67	2.29	3.72	1.45	3.45	2.89	2.00	3.45	3.81	3.72	
May ...	2.65	1.69	2.28	5.18	3.71	2.30	2.14	4.17	1.84	2.60	
June ...	3.87	3.81	2.57	4.53	5.28	4.24	4.70	5.32	2.45	3.00	
July ...	4.31	4.16	7.32	5.47	1.02	5.77	6.55	5.11	6.11	8.67	
August ...	5.11	7.87	5.84	4.05	1.17	8.92	4.82	4.66	1.51	5.46	
September ...	2.93	5.57	4.40	5.48	6.62	3.70	7.94	5.10	1.67	3.47	
October ...	1.26	5.07	2.37	9.15	5.05	4.26	5.12	4.15	5.05	5.41	
November ...	10.36	5.56	5.08	6.49	2.76	3.36	2.64	3.11	5.68	4.80	
December ...	5.65	5.50	4.76	8.34	5.31	6.42	6.74	5.99	8.09	3.77	
TOTALS ...	51.39	51.40	43.73	64.62	45.92	51.51	55.16	55.57	44.49	53.31	

Inst. in 1958 J.B.O.K. V. 100. 1.1.1. in funnel. Five trees to E will soon overshadow otherwise satisfactory exposure.

000725

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 1D178128

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets: 1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	





Station No. M 6238

RAINFALL at Londonderry (Dunruadh)

51

County of Londonderry Observer G H Welch Esq.

River Basin Lough-Swilly

Type of Gauge

Annual Average 49.5 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. P

41.70 " " " 35 " " 1916-1950

File No. 816833/28

Diameter ...	5"				925	310					
Height ...	0' 6"					1					
Altitude ...	150'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.48	6.02									
February ...	3.68	2.23									
March ...	3.36	2.21									
April ...	2.61	1.41									
May ...	1.21	1.67									
June ...	2.07	2.76									
July ...	3.08	2.17									
August ...	3.46	5.27									
September ...	2.26	3.48									
October ...	2.17	4.06									
November ...	4.57	3.43									
December ...	5.38	6.15	#								
TOTALS ...	37.33	40.86									

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (24) 444 198

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓	✓	

Station No. M. 6238/3

RAINFALL at Upperlands (Ardfara)

51

County of Londonderry

Observer H. J. Clark Esq. died May 1956  
W. M. W. Clark, Esq.

River Basin 3-Barr-Lower

Type of Gauge Howard

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref 3  
" " 43.55 " " 22 " " within 1934-57 File No. 227965/33

Diameter ...	5"				960	137					
Height ...	2' 0"					1					
Altitude ...	250'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.77	5.07	1.39	3.40	4.74	4.04	5.81	4.81	2.58	3.90	
February ...	2.92	2.54	1.53	5.05	3.22	1.60	3.27	5.34	.78	4.75	
March ...	2.97	2.27	0.77	3.64	1.20	1.52	3.24	1.84	2.94	2.00	
April ...	2.45	1.18	1.81	1.01	2.38	1.48	1.47	2.12	3.55	2.85	
May ...	1.60	1.85	2.51	5.35	2.75	1.33	1.87	1.99	1.46	2.90	
June ...	3.06	2.20	2.36	3.12	4.16	3.66	2.69	5.13	2.10	2.94	
July ...	3.08	1.49	3.94	3.53	1.13	5.27	5.72	5.66	3.30	4.87	
August ...	4.69	5.15	3.72	2.44	2.14	6.28	3.67	3.77	1.12	4.35	
September ...	3.27	3.53	3.87	5.03	4.55	4.15	5.09	5.37	1.44	2.37	
October ...	1.56	5.32	1.82	6.08	3.93	3.37	3.63	2.70	4.60	4.87	
November ...	7.18	3.96	3.25	5.10	2.79	2.57	1.32	2.62	4.62	3.72	
December ...	6.21	5.53	3.81	6.57	5.44	4.30	6.15	4.53	5.82	3.67	
TOTALS ...	43.76	40.09	30.78	50.32	38.43	39.57	43.83	45.88	34.31	43.13	
	D	D	D	D	D	D	D	D	D	D	

1956 W.M.W. Clark succeeded Father 1.6.56.  
Inst. I. 1958 1.6.0K. House 40' 60' NW-NNW. Trees 50' 70' WSE & NW. Trees E-SE border on over-shells.  
Best site available. Uncertified measure.

000723

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IC 874047

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1934 D 36-40 W 34.35.	✓ ✓	



Station No. M. 6238/5

RAINFALL at Garvagh (Moneydig)

51

County of Londonderry Observer J. Porter Esq.

River Basin 3 - Bann - Lower

Type of Gauge Snaddon

Annual Average 38.8 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S. 5.9.18.1941  
42.43 " " " 23 " " 1934-1956 1916-1950 P  
File No.

Diameter ...	5"					961	613					
Height ...	1' 0"						1					
Altitude ...	121'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.52	6.57	1.47	3.74	3.95	(4.31)	5.66	5.27	2.94	3.77	42.20	
February ...	3.66	1.94	1.63	4.21	4.07	1.48	3.06	5.05	.74	4.88	3.072	
March ...	2.67	2.09	0.57	3.18	.81	1.27	2.75	1.51	3.06	1.68	1.959	
April ...	1.63	1.29	2.30	1.08	2.39	1.24	1.37	2.16	3.27	2.56	1.929	
May ...	1.71	1.88	2.38	5.11	3.41	1.38	1.94	2.42	1.72	2.37	2.432	
June ...	3.44	2.20	2.82	3.28	2.98	3.34	2.05	4.28	2.75	3.13	3.027	
July ...	3.79	1.87	5.15	3.42	1.09	5.57	6.62	5.26	3.26	6.22	4.225	
August ...	4.83	5.35	3.90	3.16	.63	6.54	4.05	4.96	1.08	5.37	3.987	
September ...	2.75	3.49	3.47	5.00	4.38	3.68	5.34	3.57	1.18	2.55	3.541	
October ...	1.61	5.03	2.91	5.19	3.89	3.99	3.99	2.95	4.89	3.52	3.797	
November ...	6.65	4.27	3.31	5.24	2.17	3.16	1.49	1.73	3.67	2.93	3.462	
December ...	5.70	4.99	3.85	6.27	5.07	3.64	5.70	3.95	5.21	3.56	4.794	
TOTALS ...	42.96	40.97	33.76	48.88	34.84	39.60	44.02	43.11	33.77	42.54	40.445	

Inst. & 1956 R.A. Buchanan. House 45', 55' SW-WSW. Tree 25', 45' ESE. 4. round. No. better info  
400004

000722

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IC(24) 890170

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C mch 1923 D 34-40	✓ ✓	



## RAINFALL

Duplicate

Station Moneydig  
 County Londonderry  
 Authority J. Porter

No. 98 - 961613  
 (Old No. 6238/5)  
 Grid Ref. 1C(24) 890170  
 Altitude 121' DB = 112' B ft.  
 River Basin BANN  
 Tributary Agivey

File 9086

TP

MWR

m/a

Tributary

YEAR	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.52	6.57	1.47	3.74	3.95	(4.31)	5.66	5.27	2.94	3.77	4.220
February...	3.66	1.94	1.63	4.21	4.07	1.48	3.06	5.05	.74	4.88	3.072
March ...	2.67	2.09	0.57	3.18	.81	1.27	2.75	1.51	3.06	1.68	1.959
April ...	1.63	1.29	2.30	1.08	2.39	1.24	1.37	2.16	3.27	2.56	1.929
May ...	1.71	1.88	2.38	5.11	3.41	1.38	1.94	2.42	1.72	2.37	2.432
June ...	3.44	2.20	2.82	3.28	2.98	3.34	2.05	4.28	2.75	3.13	3.027
July ...	3.79	1.87	5.15	3.42	1.09	5.57	6.62	5.26	3.26	6.22	4.225
August ...	4.83	5.35	3.90	3.16	.63	6.54	4.05	4.96	1.08	5.37	3.987
September	2.75	3.49	3.47	5.00	4.38	3.68	5.34	3.57	1.18	2.55	3.541
October ...	1.61	5.03	2.91	5.19	3.89	3.99	3.99	2.95	4.89	3.52	3.797
November	6.65	4.27	3.31	5.24	2.17	3.16	1.49	1.73	3.67	2.93	3.462
December	5.70	4.99	3.85	6.27	5.07	3.64	5.70	3.95	5.21	3.56	4.794
TOTAL ...	42.96	40.97	33.76	48.88	34.84	39.60	44.02	43.11	33.77	42.54	40.445
Percentage											X

## AVERAGE ANNUAL RAINFALL

1881-1915 38.83 in.  
 1916-1950 42.43 in.

Actual

Estimated from data for:-

1911-15 Est'd to complete 35y.

23y (1934-56) adjusted to 35y.

Type and capacity of gauge

5" Snowden (BRO)

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1956 Oct. INSPECTION (R.A. Buchanan) House 45' 55' SW-WSW, Tree 25'  
 45' ESE g. round No better site

Earliest year with complete data (D : ~~W~~ : ~~M~~)

6/1933 (Earlier records 1864 - 1911)

\*NOTES on years with incomplete or unsatisfactory data:-

\*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW





Station No. T.F. 6239/2

RAINFALL at Coleraine (The Cuts)

51

County of Londonderry

Observer Mr. of Finance Lock Keeper\*

River Basin 3 - Barr - Lower

Type of Gauge M.O.

Annual Average 37.5 in. based on 15 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 586  
" 40.89 " 16 " within 1938-57 " 1916-50 File No. E 12625/50

Diameter ...	5"					962	647					
Height ...	1' 0"						1					
Altitude ...	22'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.77	6.13	1.37	4.04	4.37	3.55	4.83	3.66	3.34	4.12		
February ...	3.52	2.27	1.63	3.24	2.21	1.98	2.89	4.88	.78	4.23		
March ...	2.86	1.61	0.83	2.95	1.01	1.32	2.75	1.34	2.64	1.43		
April ...	2.07	1.46	2.32	1.24	1.84	1.30	1.62	2.12	4.59	2.68		
May ...	1.43	1.52	1.88	3.87	3.66	1.41	2.11	2.57	1.18	2.16		
June ...	2.76	3.31	2.99	3.21	3.66	3.07	1.90	4.43	2.15	2.56		
July ...	3.53	1.73	4.54	4.24	.93	5.01	6.39	5.43	4.86	7.09		
August ...	4.32	6.61	4.06	2.64	.71	5.14	3.28	5.72	.79	9.85		
September ...	2.31	3.70	3.68	5.08	5.15	3.39	4.88	3.19	1.25	2.83		
October ...	1.66	4.80	2.07	4.98	3.28	3.42	3.56	3.25	4.80	3.55		
November ...	5.45	3.90	3.56	5.31	1.60	3.12	1.93	2.10	4.29	3.35		
December ...	5.83	4.92	3.43	5.68	4.84	3.68	5.36	3.88	4.79	5.03		
TOTALS ...	39.51	41.96	32.36	46.48	33.26	36.39	41.50	42.57	35.46	48.88		

mp. VI 1958 P.B. 06. Poor site slightly over-exposed. Drops of 10 to 15 in 8'E 2 8'W. New site selected in garden. Leaks in funnel & inner can to be soldered.

per Government of Northern Ireland

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IC 954302

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

000721

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C. in 1937	✓	
			D 28-40	✓	



Station No. M. 6239/5

RAINFALL at Coleraine (Engledene)

51

County of Derry

Observer W. R. Johnston, Esq.

River Basin 3 - Bann - Lower

Type of Gauge B. A.

Annual Average 36.9 in. based on 18 years obs. un-weighted. Period of average 1881 - 1915 Ref. PB 586

File No. 252884/33

Diameter ...	5"			962	727						
Height ...	3' 4"				1						
Altitude ...	55'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.35	6.17	1.24	4.10	4.39	3.41	4.49				
February ...	3.36	1.93	1.67	3.34	2.36	1.93	2.74				
March ...	2.66	1.15	0.86	2.72	1.03	1.24	2.71				
April ...	1.99	1.39	2.24	1.35	2.06	1.25	1.56				
May ...	1.44	1.51	1.82	3.45	3.58	1.65	1.93				
June ...	2.57	3.24	2.78	3.16	3.76	3.34	1.83				
July ...	3.20	1.66	4.94	3.85	1.12	4.95	100				
August ...	3.99	6.72	4.16	2.92	.87	5.37					
September ...	2.20	3.65	3.75	4.43	5.30	3.65					
October ...	1.75	4.77	2.21	5.06	3.70	3.25					
November ...	5.64	3.68	3.58	5.38	1.61	3.09					
December ...	5.58	5.30	3.39	5.49	4.94	3.49	100				
TOTALS ...	37.73	41.17	32.64	45.75	34.72	36.62	100				
	D	D	D	D	D	D	inc. np.				

T. June 1959. 8. being moved. 1 1/2 miles. See file.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 24 - 842347

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000720

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1931 D 32 - 40	✓	



RAINFALL at Coleraine (Cart hall Filter Ho) Station No. 6239/6 51

County of Londonderry Observer Borough Surveyor

River Basin 3-Bann-Lower

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 252884/33 f. E2147/57

Diameter ...				962	013		5 "				
Height ...					1		1'0"				
Altitude ...					51		177				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							100 3.74	2.98	3.83		
February ...							4.65	0.80	3.67		
March ...							1.27	2.39	1.21		
April ...							2.13	4.11	2.07		
May ...							2.20	1.03	1.37		
June ...							100 4.44	2.15	2.28		
July ...							6.34 4.22	3.83	6.76		
August ...							2.80 5.00	.86	8.18		
September ...							4.96 2.74	1.08	2.44		
October ...							3.19 3.21	4.65	4.18		
November ...							1.63 1.79	4.10	2.75		
December ...							4.90 3.67	4.37	4.26		
TOTALS ...							100 Inc. 39.06	32.35	42.97		

c. July 1957 Climate Station. instruments moved 1 1/2 mi. 30° W.S.W. from 6239/5

Insp. R.A. Buchanan 16.12.58. Level of rim of gauge needs frequent checking - heathy soil.

Position of Station on Ordnance One-Inch map :			No. of Map.....		National Grid Reference <u>1C.829.324</u>		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
11. 9. 57.			Coleraine	1 1/2 mls.	35° N. of E.	Hillowen, Coleraine	1 ml. 30° N. of E.
Summary of Earlier Records from 10-year Sheets :							
Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60	



Station No. 6239/7

RAINFALL at Draperstown (Ardmair) \*

51

County of Londonderry Observer James Gunn, Esq.

River Basin 4-Bann Lough Neagh West per. Government of N. Ireland.

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. 3

" " 51.31 " " 7 " within 1950-57 " 1916-50 File No. E.12625/50

Diameter ...	5"					958	510				
Height ...	1' 0"						1				
Altitude ...	267'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.85	6.49	1.54	4.84	5.06	5.12	6.89	5.15	3.02	4.85	
February ...	4.06	2.45	1.87	6.63	3.81	2.06	4.52	5.46	1.19	6.08	
March ...	3.59	2.23	0.96	4.42	1.59	2.52	3.56	2.68	4.40	2.96	
April ...	2.24	1.62	2.26	.98	3.42	1.68	1.28	1.70	3.84	4.35	
May ...	2.82	1.41	3.67	7.84	2.78	1.48	2.00	2.40	1.32	2.75	
June ...	2.45	2.15	1.83	3.29	5.32	3.11	2.48	6.02	2.08	2.82	
July ...	3.14	1.29	4.84	3.79	1.10	4.26	6.26	5.21	3.64	5.42	
August ...	4.35	6.09	3.36	2.57	.73	6.12	4.41	4.39	1.91	3.00	
September ...	4.13	2.46	4.21	5.64	4.42	5.04	5.98	6.28	1.59	2.77	
October ...	1.68	7.49	2.41	6.85	4.06	3.28	4.11	4.02	5.39	6.86	
November ...	8.25	3.30	4.14	7.19	3.45	3.58	2.08	2.22	5.95	4.67	
December ...	7.10	5.92	4.08	7.12	7.40	6.82	7.17	6.71	8.82	4.63	
TOTALS ...	48.66	42.90	35.17	61.16	43.14	45.07	50.74	52.24	43.15	51.13	
	D	D	D	D	D	D	D	NP D	D	D	

Inst. I 1958 J.B.O.K. A. sound. Ridge of house 45' 60 SSW over shelter only very slightly obstructs satisfactory exposure. Uncertified measure. Will be difficult to arrange for readings down above 1958 np. too many r/days.

\* Per Government of N. Ireland

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IH 779 947

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000718

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				Comp 1949	



Station No. T.F. 6240.

RAINFALL at Glencarra (Sneelough mountain)

51

County of LondonderryObserver Londonderry C.B.C.River Basin 5 - Foyle & C.Type of Gauge Bradford OctapuntAnnual Average 60.2 in. based on 34 years obs. un-weighted. Period of average 1916-1950 Ref. 664891/2666.37 .. 34 .. within 1920-1957File No. 664891/26  
23207/38

Diameter ...	5"										
Height ...	1'0"										
Altitude ...	1333'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.45	(8.50)	1.67	5.10	6.64	5.24	7.83	5.90	4.21	8.18	
February ...	3.38	(3.50)	2.99	6.33	6.74	2.15	(6.05)	6.37	2.45	8.90	
March ...	4.14	3.08	(1.63)	5.15	1.45	2.99	6.61	(3.30)	5.69	4.16	
April ...	2.53	(2.70)	(3.20)	2.24	3.75	(2.15)	1.51	2.69	5.55	5.10	
May ...	3.70	2.10	4.05	6.20	4.09	(2.53)	2.23	4.31	1.28	3.37	
June ...	4.46	3.91	3.47	4.67	6.66	(4.69)	2.26	7.32	3.77	4.30	
July ...	(5.50)	(3.50)	7.80	4.94	1.05	6.40	(8.64)	7.58	4.68	8.97	
August ...	8.59	7.23	4.92	4.49	1.10	7.42	(5.99)	6.67	3.07	6.05	
September ...	5.57	(5.20)	5.66	8.35	5.47	6.24	(8.11)	8.01	2.19	3.95	
October ...	3.02	(7.45)	(3.94)	8.26	4.49	(4.52)	(5.04)	5.68	7.35	8.64	
November ...	11.03	(5.93)	(6.52)	8.30	4.42	3.95	2.36	2.55	9.37	6.83	
December ...	11.67	6.97	4.62	(8.89)	8.04	7.49	8.28	8.45	11.34	5.25	
TOTALS ...	68.04	(59.87)	(50.47)	72.92	53.90	(55.71)	63.91	68.83	60.95	73.70	
	M	M	M	M	M	M	M	M	M	M	

00404 64564 14064 00014 07044 20744 10004

1952. N.P. Too many esks + amendments.

1953. M036 eat. Mar Apr. app. Oct Nov. Print.

1954. M044 app. Dec. part. M036

Imp. II 1954 J.B.O.K. of ground and site would be satisfactory with good turf wall. but present wall poor. Catch bottled and sent to W.W. Larger incline needed.

1957 Feb. & Oct. esks. Engr.; July, Aug. Sept. esks. H03.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 1H 704 985

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓ n.p. 44.	
		M 22-23-25. 27-30	M 34-40	M 42-44. 46-50	



Station No. T.F. 6241

RAINFALL at

{ Glenedra Hill.

51

County of Londonderry

Observer Londonderry C.B.C.

River Basin 5 - Foyle &amp; C.

Type of Gauge 42 Bradford.

Annual Average 62.5 in. based on years obs. un-weighted. Period of average 1916-59 66 489.1728 Ref. 1916-59 66 489.1728

Origin unknown 67.20 in. 35 51.56 within 1920-57 File No. 23207/52

Diameter ...	5"										
Height ...	1' 0"							1' 2"			
Altitude ...	1333'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.28	(8.50)(2.00)	5.23	(6.10)	5.05	7.03	5.65	4.18	7.07		
February ...	4.00	(4.34)(3.20)	6.26	(5.89)	2.58	(6.10)	6.39	2.70	7.42		
March ...	4.17	3.14	1.72	4.99	1.48	2.96	4.74	(3.35)	5.08	3.34	
April ...	3.69	2.63	3.39	1.99	3.59	2.34	1.94	2.90	6.49	5.42	
May ...	3.20	2.05	3.88	6.99	4.58	2.56	2.25	4.08	1.38	3.34	
June ...	3.53	4.48	4.13	5.89	5.49	4.67	2.25	7.38	3.88	4.49	
July ...	5.84	3.85	8.49	6.89	1.33	6.28	8.67	7.55	5.55	10.21	
August ...	8.77	7.34	5.59	4.44	1.60	7.52	5.95	6.42	2.95	6.60	
September ...	4.62	5.07	6.17	8.28	5.93	5.53	8.12	7.90	1.98	3.97	
October ...	2.99	7.34	3.48	8.16	5.43	4.28	5.20	6.10	7.29	7.21	
November ...	9.75	5.44	6.46	8.19	3.76	5.06	2.22	3.05	9.34	5.60	
December ...	8.75	6.94	5.17	8.85	4.09	6.75	7.30	7.48	10.02	5.01	
TOTALS ...	64.59	61.12	(53.68)	76.16	52.27	55.58	61.77	68.25	60.84	69.68	
	M	M	M	M	M	M	M	M	M	M	

60004 60004

60004

20004 10004

1952. Jan + Feb amended M03b.

1953 Jan + Feb est M03b.

1955 Jan + Feb amended M03b.

Just in 1958 B.O.H. of sound. exposure would be satisfactory with good turf wall but present wall very poor. Catch is bottled and sent to W.W. for measurement. Larger enclosure reqd.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference IH 696992

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

000716

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	
		✓ but d 23, 29 + 30	M 35-40	✓	



Station No. T.F 6242

51

RAINFALL at Greenedra Lodge

County of Londonderry Observer Londonderry C.B.C.

River Basin 5- Foyle & C

Type of Gauge M.C. Bradford

Annual Average 57.0 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.  
" " 59.01 " 27 " with 1928-57 " " 1916-50 66.46 91.28 P  
61.15 " 35 1916-1950 File No. E 23207/58 7595  
4373  
3272

Diameter ...	5"											
Height ...	1' 0"							1' 6"				
Altitude ...	950'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.23	(8.25)	1.86	4.33	(6.01)	4.50	7.04	5.25	3.30	6.71	3622	51.48
February ...	3.17	(3.20)	2.78	5.17	(5.87)	2.49	(5.60)	5.65	2.15	6.35	2908	43.23
March ...	3.73	2.75	1.48	4.86	1.30	2.92	4.53	(3.00)	4.90	3.25	2157	32.72
April ...	2.94	2.32	3.28	1.55	3.25	(1.84)	1.76	2.80	5.72	5.33	1694	30.79
May ...	3.27	(2.00)	3.38	7.06	4.68	2.39	2.29	4.25	1.35	3.29	2507	33.96
June ...	3.18	3.48	4.02	4.52	5.73	4.64	1.98	7.10	3.40	3.89	2755	41.94
July ...	4.72	2.49	7.71	4.93	1.17	6.11	8.31	7.86	4.82	8.69	3544	56.8
August ...	8.28	6.44	(5.19)	(4.23)	.96	6.93	5.31	5.53	2.63	5.82	3734	51.32
September ...	4.00	4.16	4.69	7.98	5.72	5.82	7.37	6.82	1.52	3.62	3974	51.70
October ...	2.40	7.37	3.21	7.31	4.57	4.32	5.28	5.85	6.67	7.30	3446	54.28
November ...	9.48	4.64	5.74	8.54	3.94	4.00	1.97	2.35	9.12	6.20	3831	55.98
December ...	7.76	5.91	4.76	7.81	7.54	6.15	7.64	8.18	10.35	5.80	4757	71.90
TOTALS ...	57.16	53.01	48.10	69.09	50.74	52.11	59.08	64.64	55.93	66.25	38929	
	M	M	M	M	M	M	M	M	M	M		

1952 Jan Feb amended May est M03b. 10004 37  
1953 Aug. est. M03b. 62004 00204 00204 60004  
1954 Aug. part unrecd.  
1955 Jan + Feb amended M03b.  
Inst. II 1958 J.B.O.K. B. fair no d.tube. Satisfactory with good turf wall but  
nearest turf wall v. poor. Larger enclosure reqd. Catch bottled and measure at W.W.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference (24) 705005

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000715

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓ D 21-29 d 30.	✓ M 31. 34-40	✓ M 41-48. 50	



Station No. T.F. 6243

RAINFALL at *Sx Glendora (Aletagarran mountain)*

51

County of *Londonderry* Observer *Londonderry C.B.C.*River Basin *S - Foyle & C.*Type of Gauge *M.O. Bradford*

Annual Average in. based on years obs. un-weighted. Period of average Ref.

59.01 .. 27 .. *1928-1957* .. *1916-1950* *S* File No. *664891/26*  
*E 23207/55*

Diameter ...	5"										
Height ...	1' 0"							1' 5"			
Altitude ...	1230'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.63	(7.50)	1.76	4.40	5.55	4.70	6.19	5.11	3.50	6.18	
February ...	4.46	(3.40)	2.60	5.76	4.70	2.22	(6.25)	6.00	1.90	6.29	
March ...	3.56	2.69	1.13	4.95	1.26	2.90	4.47	(2.85)	5.10	3.44	
April ...	2.62	2.17	3.12	1.50	3.31	1.86	1.69	2.57	5.63	4.66	
May ...	3.31	(1.81)	3.64	6.81	4.50	2.06	2.34	4.29	1.36	3.28	
June ...	3.05	3.46	4.13	4.28	6.09	4.40	1.99	7.49	3.61	3.55	
July ...	4.60	(3.00)	6.98	4.75	1.20	6.29	8.47	8.39	4.63	8.74	
August ...	7.71	6.71	4.62	4.29	1.22	6.78	5.20	5.87	(2.70)	5.69	
September ...	4.05	3.81	(4.47)	8.19	5.34	6.13	7.02	7.34	1.52	3.74	
October ...	2.32	8.53	(3.22)	6.89	4.85	4.10	4.47	5.75	6.28	8.27	
November ...	9.74	4.75	(5.75)	8.18	3.98	3.89	2.19	2.30	9.14	5.84	
December ...	6.07	5.31	3.78	6.69	6.64	6.74	7.31	7.83	9.82	5.59	
TOTALS ...	55.12	(53.14)	(45.20)	66.69	48.64	52.07	56.59	65.79	55.19	65.27	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan Feb Jul amended M036.

1953 Sept amended M036. Oct. Nov. est amended.

1954. gauge not read during 1954.

1955 Feb amended M.O. 36

Inst. III 1959 J.B.O.K. Site slightly over-exposed S-W. Turfwell in poor condition but gives some protection. g. fair. Catch bottled and measured at W.W.

1957. Feb. est. - Ego. 1959 Aug. est. in M036.

20004 10004 00204

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 1C 711012

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1928	✓	✓ n.p.43.	
		M.	M 34-40	M	



Station No. T.F. 6243/2

RAINFALL at { Dungiven (Lallyheige)

51

County of Londonderry Observer Londonderry C.B.C

River Basin 5-Boyle & C

Type of Gauge M.O. Bradford

Annual Average in. based on years obs. un-weighted. Period of average Ref. 1916-50 664841/26  
" " 59.35 " " 24 " " within 1933-57 " " File No. E 83207/55

Diameter ...	5"				938	963					
Height ...	1' 0"					1		10"			
Altitude ...	1150'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.50	(7.50)	2.00	4.36	5.86	(5.00)	7.12	5.21	(3.59)	7.49	
February ...	3.90	(3.12)	2.79	6.47	5.37	2.50	(5.25)	7.00	2.12	6.56	
March ...	4.06	3.06	1.18	(4.80)	1.79	2.89	4.44	2.85	5.19	3.46	
April ...	3.36	2.19	3.28	1.54	3.45	2.15	1.75	2.71	5.12	4.99	
May ...	2.39	2.00	3.72	7.10	4.56	2.38	2.49	(4.00)	(1.30)	3.50	
June ...	3.76	3.36	3.80	5.39	6.35	4.90	2.02	6.89	3.36	4.12	
July ...	5.00	(3.00)	7.22	5.20	1.27	6.38	8.90	8.03	4.94	8.83	
August ...	8.08	6.23	4.67	4.31	1.88	6.69	5.69	6.16	2.66	6.00	
September ...	4.41	3.59	4.58	8.62	5.70	6.20	7.34	7.19	1.67	3.86	
October ...	2.22	8.96	3.59	6.93	4.48	4.88	4.90	5.87	6.35	8.96	
November ...	9.67	4.77	5.29	8.59	4.40	4.50	2.33	2.72	9.43	5.41	
December ...	7.96	5.95	4.57	(7.16)	6.94	7.44	7.83	7.82	9.94	5.39	
TOTALS ...	59.31	53.73	46.69	(70.47)	52.05	55.91	60.66	66.45	55.67	68.57	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan Feb amended M036 est Jul M036 02004 42004  
1954 Mar-Dec. rain. 60404 10014 40004  
Imp. in 1953 J.B.O.H. by poor road tube site overtopped all directions. Turf wall poor.  
Catch bottled and measured at W.W. Small enclosure.  
1959 Jan + May est. in M036.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IC 723021

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000713

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C 1933 m 36-40	✓ -M	



Station No. T.F. 6243/4

RAINFALL at Aetnahaglish (Aetnahaghy Burn)

51

County of Londonderry Observer Londonderry C.B.C.

River Basin 5 - Foyle & C.

Type of Gauge M.O. Bradford

Annual Average in. based on years obs. un-weighted. Period of average Ref. 1916-50 664841/28. File No. E 23207/58

Diameter ...	5"			938	986						
Height ...	1'0"				1			9"			
Altitude ...	967'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.83	(7.20)	1.69	4.72	4.81	5.43	7.53	(5.18)	(3.70)	7.10	
February ...	4.88	3.33	2.64	5.96	4.24	1.94	(5.25)	6.72	1.81	7.23	
March ...	3.67	2.79	1.08	5.17	1.52	3.03	4.39	2.80	6.21	3.20	
April ...	2.95	2.01	2.71	1.57	3.68	1.78	1.65	2.53	5.29	4.86	
May ...	3.13	1.81	3.36	5.87	4.40	2.49	2.46	3.90	1.35	3.27	
June ...	3.69	(3.61)	3.22	3.87	5.37	4.65	1.78	6.71	3.48	3.45	
July ...	4.61	2.77	5.98	4.51	1.27	5.96	7.76	7.71	4.97	7.76	
August ...	7.80	5.18	4.44	4.11	1.32	6.26	4.90	5.18	2.96	5.64	
September ...	5.19	3.43	4.20	7.88	4.80	5.32	6.94	6.85	1.42	3.82	
October ...	2.12	7.65	(3.50)	6.91	4.65	4.06	4.80	5.37	6.55	8.20	
November ...	9.30	4.45	4.70	7.84	3.56	4.33	1.95	2.33	9.33	5.91	
December ...	6.96	6.20	4.78	7.17	7.70	(6.80)	8.09	7.38	10.59	5.35	
TOTALS ...	59.13	50.43	42.30	65.58	47.32	52.05	57.50	62.66	57.66	65.79	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan June amended M036 0001420004/00004  
1953 Oct est. 4100400044  
H. new. Good exposure but trees have been planted around g.  
H. II 1958 B.O.K. g. new. overshelter in about 10yr. Catch is collected and measured at filter with  
unartificial 1/2 measure

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference LC 701033

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000712

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			✓	✓	
			M 35-37.39	M	



Station No. T.F. 6243/6

51

RAINFALL at { Glenedra Intake

County of Londonderry Observer Londonderry C.B.C.

River Basin S - Foyle & C

Type of Gauge M - Bradford

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref S  
" " 57.72 " " 21 " within 1931-57 " " 1916-50 File No. 66481/26  
E 23207/38

Diameter ...	5"										
Height ...	1' 0"							1' 2"			
Altitude ...	740'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.96	(7.75)	1.84	4.35	4.48	5.29	6.16	4.46	3.29	6.27	
February ...	4.58	2.78	2.62	6.12	4.22	1.97	(5.25)	6.22	1.63	5.59	
March ...	3.82	2.47	1.10	5.08	1.58	2.87	3.85	(2.80)	5.13	2.56	
April ...	3.46	2.43	3.18	1.52	3.47	1.86	1.57	2.63	4.97	4.61	
May ...	3.11	1.73	3.74	5.73	4.59	2.38	1.73	4.12	1.34	2.65	
June ...	3.53	3.35	3.47	4.34	5.04	4.47	1.76	(6.00)	2.90	3.25	
July ...	4.60	2.91	5.77	5.11	1.27	5.67	(7.82)	(7.00)	4.75	6.98	
August ...	7.58	5.60	4.90	3.78	1.24	6.47	(4.80)	4.67	2.38	5.18	
September ...	4.21	4.19	4.51	6.49	4.70	4.55	(7.07)	6.21	1.35	3.60	
October ...	2.31	6.92	(3.28)	6.02	4.41	3.57	4.75	4.05	5.87	7.44	
November ...	10.56	4.29	5.01	7.00	2.95	3.58	1.58	2.43	8.20	5.80	
December ...	7.15	6.32	4.37	6.80	6.66	6.68	6.87	7.40	9.38	5.46	
TOTALS ...	59.87	50.74	43.79	62.34	44.61	49.36	53.21	57.99	51.19	59.36	
	M	M	M	M	M	M	M	M	M	M	

1952 Jan amended M036 00044  
1953 Oct. est. 40004  
1955 Feb. amended M.p. 3b  
M.p. II 1958 J.B.O.K. S. round. Site overhauled all round by trees, especially S-W.  
Catch bottled and measured at Banagher Filter with uncalibrated measure. 1/2" cork.  
1957 Feb. est. Eng. July, Aug. Sept. est'd 1103.  
1958 n.p. Low too much est.  
1959 print

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IC 682024

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			✓ m 35-37 & 39	✓ m	



Station No. T.F. 6244

RAINFALL at Aethnareglan (Black Burn)

51

County of Londonderry Observer Londonderry C.B.C.

River Basin S- Tayle & C

Type of Gauge M.O Bradford

Annual Average in. based on years obs. un-weighted. Period of average 1916-30 Ref. 2
" " 55.36 " " 24 " within 1930-57 File No. 664091/26
E 23207/58

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

Imp. II 1958 BOK. The g. is round. The exposure is satisfactory with a turf wall but which is in poor condition. Trees have been planted around the g. and will soon over-shelter. Turf wall will not be necessary if trees are removed. Catch is bottled and measured at Banagher Filter with uncertified 1/2" measure. 1957. Feb. est. 40004 20004 10004

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference LC 707040

Table with 7 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets: 000710

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No. T.F 6244/5

RAINFALL at Dungiven (Banagher Felters)

51

County of Londonderry Observer Londonderry C.B.C.

River Basin 5 - Foyle & C

Type of Gauge Snowdon

Annual Average 150.6 in. based on 6 years obs. un-weighted. Period of average 1916-50 Ref. 5
" " 52.29 " " 24 " " within 1931-57 " " 1916-50 File No. 66481/26
E 23207/58

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

Imp. VI 1958 by v. poor condition but no leaks. Trees on hillside to E just overhanging, otherwise a satisfactory exposure. Traces not measured but allowed to remain in bottle until next reading. Unidentified flat-bottomed measure. Small enclosure 6'x6' with 4' posts 40004

000709

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 1670046

Table with 8 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



RAINFALL at Dungiven (Grianan) <sup>G</sup> Station No. 6244/7 M. <sup>51</sup>  
County of Londonderry Observer A.E. Burns Esq.  
River Basin 5 - Foyle & C <sup>\* per Government of N. Ireland.</sup>  
Type of Gauge M.O.

Annual Average... in. based on... years obs. un-weighted. Period of average... Ref...  
44.26 " " 7 " within 1950-57 " " 1916-50 12625/50 S  
File No.

Diameter ...	5"				938	922					
Height ...	1'0"					1					
Altitude ...	330'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.59	6.05	1.25	4.33	3.63	4.30	5.55	4.68	2.81	4.45	
February ...	3.99	2.13	1.82	4.40	3.70	1.53	3.93	5.03	.73	5.71	
March ...	2.71	1.62	1.00	3.59	.83	2.34	2.58	2.29	3.54	1.62	
April ...	2.12	1.43	2.67	0.76	2.25	1.50	1.14	1.90	4.07	3.52	
May ...	2.07	1.27	2.37	5.89	3.00	1.74	1.71	3.24	1.43	2.33	
June ...	3.23	2.58	2.48	3.47	3.61	3.24	1.40	5.45	2.58	2.57	
July ...	3.45	1.86	4.45	3.68	1.19	3.82	5.48	6.41	3.03	4.81	
August ...	5.18	4.84	3.60	2.66	.76	5.06	4.09	3.44	1.57	5.02	
September ...	2.68	3.89	3.36	5.17	3.75	4.39	4.76	4.52	1.16	2.80	
October ...	1.73	6.02	2.82	5.55	4.19	3.74	3.71	3.32	5.01	6.78	
November ...	9.19	3.44	3.53	5.44	3.13	3.24	1.39	1.53	6.55	3.69	
December ...	6.01	5.41	3.59	6.09	5.74	6.12	5.96	5.82	7.59	4.15	
TOTALS ...	45.95	40.54	32.94	51.03	35.78	41.02	41.70	47.63	40.07	47.45	

Inst. 1958/1 BOK. G. round. Trees 22'30" SSE at mean ht. Trees 23'45" SE, 30'60" E otherwise good exposure. Uncertified measure. Will be difficult to arrange for reading during absence. dsm

000708

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IC 694 099

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C imp 1949 ✓	



Station No. M 6245RAINFALL at Londonderry (Breggan Reservoir)

51

County of LondonderryObserver MR. J. HodgsonRiver Basin 5 - Foyle & C

CITY SURVEYOR (1951)

Type of Gauge gauging M.D.Annual Average 4.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B 06 N  
46.14 " " " " " " 1916-1950 1916-1950File No. E 2084/45  
E 23207/58 (66489/26)

Diameter ...	<u>5 1/8"</u>				<u>925</u>	<u>349</u>					
Height ...	<u>1' 0"</u>					<u>1</u>			<u>1' 1"</u>		
Altitude ...	<u>325'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>4.15</u>	<u>6.10</u>	<u>1.46</u>	<u>4.09</u>	<u>5.03</u>	<u>6.21</u>	<u>5.16</u>	<u>5.25</u>	<u>3.56</u>	<u>4.23</u>	
February ...	<u>3.47</u>	<u>2.67</u>	<u>1.53</u>	<u>3.85</u>	<u>3.26</u>	<u>2.25</u>	<u>2.08</u>	<u>4.84</u>	<u>0.94</u>	<u>4.86</u>	
March ...	<u>3.31</u>	<u>2.00</u>	<u>1.01</u>	<u>2.97</u>	<u>1.36</u>	<u>1.34</u>	<u>2.49</u>	<u>1.89</u>	<u>2.71</u>	<u>1.32</u>	
April ...	<u>2.67</u>	<u>1.39</u>	<u>3.10</u>	<u>1.51</u>	<u>2.34</u>	<u>2.01</u>	<u>1.17</u>	<u>2.17</u>	<u>4.28</u>	<u>2.53</u>	
May ...	<u>1.24</u>	<u>1.60</u>	<u>2.54</u>	<u>4.50</u>	<u>3.42</u>	<u>2.36</u>	<u>1.49</u>	<u>3.29</u>	<u>.99</u>	<u>1.77</u>	
June ...	<u>2.15</u>	<u>2.94</u>	<u>2.52</u>	<u>3.63</u>	<u>3.51</u>	<u>3.73</u>	<u>2.24</u>	<u>5.89</u>	<u>2.14</u>	<u>2.82</u>	
July ...	<u>3.49</u>	<u>2.24</u>	<u>5.47</u>	<u>4.12</u>	<u>1.07</u>	<u>4.56</u>	<u>6.45</u>	<u>4.55</u>	<u>3.88</u>	<u>4.50</u>	
August ...	<u>3.53</u>	<u>6.14</u>	<u>5.00</u>	<u>4.45</u>	<u>1.31</u>	<u>5.91</u>	<u>3.88</u>	<u>4.53</u>	<u>1.62</u>	<u>5.93</u>	
September ...	<u>2.36</u>	<u>3.35</u>	<u>3.85</u>	<u>5.55</u>	<u>4.44</u>	<u>4.08</u>	<u>6.27</u>	<u>3.26</u>	<u>1.25</u>	<u>2.90</u>	
October ...	<u>2.08</u>	<u>4.45</u>	<u>2.84</u>	<u>5.30</u>	<u>3.80</u>	<u>3.81</u>	<u>4.18</u>	<u>3.97</u>	<u>4.83</u>	<u>3.07</u>	
November ...	<u>4.76</u>	<u>3.71</u>	<u>4.63</u>	<u>4.94</u>	<u>1.40</u>	<u>3.94</u>	<u>1.37</u>	<u>2.82</u>	<u>5.28</u>	<u>3.61</u>	
December ...	<u>5.61</u>	<u>5.78</u>	<u>3.69</u>	<u>5.79</u>	<u>3.98</u>	<u>4.18</u>	<u>5.51</u>	<u>3.61</u>	<u>4.21</u>	<u>4.89</u>	
TOTALS ...	<u>38.82</u>	<u>42.37</u>	<u>37.64</u>	<u>50.70</u>	<u>34.89</u>	<u>43.38</u>	<u>42.29</u>	<u>46.07</u>	<u>35.69</u>	<u>42.43</u>	

Inst. II 1958 J.B.O.K. Leak at d. tube. Pressure top of hill overshoots slightly between NNW & NE. Site generally overexposed between SE & SW. A better site is available at SE corner of res. Turf wall would not help prevent site

000707

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference C(24) 415.171

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

# Air Ministry, Meteorological Office

MWR

Station No. 6245/5.

RAINFALL at Eglinton (Killy Lane Lower)

County of Down

Observer The Senior Education

River Basin Foyles c/s

Officer

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No.

Diameter ...										5'	
Height ...										1'0"	
Altitude ...										46'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...											
February ...											
March ...											
April ...											
May ...											
June ...											
July ...											
August ...										5.65	
September ...										2.86	
October ...										3.24	
November ...										3.37	
December ...										4.46	
TOTALS ...										inc. 4.71	

Position of Station on Ordnance One-Inch map:

No. of Map 3. National Grid Reference C-538208

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C1960.					

PRB/MQ36



Station No. 6246/1

RAINFALL at Ballykelly Airfield M.W.R.

51

County of Londonderry Observer Meteorological Office

River Basin 5 - Foyle & C

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 Ref P
34.51 6 1947-1950, 1954, 1956 57n.6245
14 1947-1950 57n.6238
File No.

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and a Totals row.

1951 ceased temporarily.
1953 n.p. inc.
1955 n.p. low
1957 n.p. low
1958 n.p.
1959 n.p. low

000706

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference IC(24)624235

Table with 8 columns: Date, Lat. N, Long, Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets: 1916-1950, P - accepted

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No. M. 6247

RAINFALL at Linsavady (Drenagh)

51

County of Londonderry

Observer Lt. Col. C. R. McCausland, (M.C.)

River Basin S. - Foyle & C.

No room in Gen. Tab.

Type of Gauge Howard

Annual Average 37.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

" " 37.55 " " 29 " within 1920-57 " 1916-58 566303/36 File No.

Diameter ...	5"			940	110						
Height ...	1' 6"				1						
Altitude ...	80'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.05	5.46	1.36	3.67	4.20	4.25	4.42	3.82	2.70	3.53	
February ...	3.10	1.94	1.71	3.43	2.15	2.02	2.75	4.74	.53	4.46	
March ...	2.72	1.41	.67	3.29	1.10	1.71	2.56	1.45	2.27	1.45	
April ...	2.19	1.27	2.79	0.99	1.73	1.98	1.55	2.17	3.94	2.27	
May ...	1.19	1.37	2.26	4.21	3.27	2.01	1.20	3.04	1.29	1.90	
June ...	(2.40)	2.46	2.29	3.32	3.85	3.35	1.68	4.91	2.40	2.56	
July ...	3.54	2.05	4.86	4.16	1.13	4.74	5.74	4.87	3.50	6.81	
August ...	4.55	5.90	3.50	3.56	.96	6.08	3.40	4.37	1.21	4.88	
September ...	1.88	4.04	2.86	4.30	5.10	4.37	5.00	2.61	1.41	2.96	
October ...	1.61	3.49	1.81	6.10	3.88	3.86	4.10	3.78	4.79	4.40	
November ...	5.70	3.41	3.27	5.70	2.15	3.11	2.03	2.09	6.20	2.52	
December ...	4.74	4.80	2.95	5.48	4.02	4.88	5.26	5.02	4.33	4.55	
TOTALS ...	36.67	37.60	30.33	48.21	33.54	42.36	39.69	42.87	34.57	42.29	
	d	D	D	D	D	no high	D	D	D	D	

Just I 1958 J.B.O.K. g. poor but very good site. Uncertified measure.

01004

000705

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference IC 689236

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓	✓	
		-	D 33-40	✓ but d +3	



Station No. 6248

RAINFALL at Bellarena (R)

51

County of Londonderry Observer Sir John Heygate

River Basin S - Foyle & C

Type of Gauge Recorder (clock)

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 166269/32

Diameter ...	8"										
Height ...	3' 6"										
Altitude ...	6'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<del> </del>										
February ...											
March ...											
April ...											
May ...											
June ...											
July ...											
August ...											
September ...											
October ...											
November ...											
December ...											
TOTALS ...											

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

000704

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		✓	✓ np 37-39 lake M 31. D 40	41-49 np. 47-49 ✓	

Station No. 624813  
RAINFALL at Bastle Rock (Craighead) M.W.R.

51

County of Londonderry Observer E. G. Box, Esq.

River Basin 5 - Foyle & C

Type of Gauge M.O.

Annual Average 35.4 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 586

File No. ....

Diameter ...	5"				940	518					
Height ...	1' 0"					1					
Altitude ...	57'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.69	6.24	1.51								
February ...	3.12	1.89	1.34								
March ...	2.62	1.79	.91								
April ...	2.58	1.36	2.29								
May ...	1.33	1.53	1.89								
June ...	2.61	3.02	1.94								
July ...	3.24	2.29	5.18								
August ...	3.49	4.76	-100								
September ...	2.36	2.78									
October ...	1.49	4.01									
November ...	4.92	2.90									
December ...	6.05	5.39	-100								
TOTALS ...	36.50 D	37.96 D	-100 inc n.p.								

1953 Reverted to transfer the  
1953 n.p. inc.  
T. July 1953. Mr. Box died 3/9/53.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 24-775-359

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 000703

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			C. inc 1939 D 40	✓ ✓	





RAINFALL at *Aughnacloy (Sewage Works)* Station No. *6248/8*  
 County of *Lynne* Observer *Blougher U.D.C.*  
 River Basin *Bann - Lough Neagh West-2. per Govt. of N.I.*  
 Type of Gauge *MK I type*

51

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. *E. 12625/50.*

Diameter ...					<i>945</i>	<i>424</i>				<i>5'</i>	
Height ...						<i>1</i>				<i>1' 1"</i>	
Altitude ...						<i>51</i>				<i>180'</i>	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								<i>3.36</i>	<i>2.11</i>	<i>3.82</i>	
February ...								<i>3.39</i>	<i>1.11</i>	<i>2.66</i>	
March ...								<i>1.36</i>	<i>3.19</i>	<i>2.67</i>	
April ...								<i>0.97</i>	<i>3.35</i>	<i>2.16</i>	
May ...								<i>2.57</i>	<i>1.23</i>	<i>2.60</i>	
June ...								<i>5.63</i>	<i>2.46</i>	<i>2.69</i>	
July ...								<i>3.70</i>	<i>3.40</i>	<i>4.04</i>	
August ...								<i>4.76</i>	<i>1.20</i>	<i>4.71</i>	
September ...								<i>2.84</i>	<i>1.82</i>	<i>2.78</i>	
October ...								<i>2.51</i>	<i>5.33</i>	<i>3.60</i>	
November ...								<i>1.76</i>	<i>4.98</i>	<i>4.88</i>	
December ...								<i>4.91</i>	<i>5.55</i>	<i>3.74</i>	
TOTALS ...								<i>37.76</i>	<i>35.73</i>	<i>40.35</i>	

*1959 - Fairly level slight incline between N & E after short distance. Hedge NW-W  
 Building S-SW.  
 Insp 1959 J. Box. Fairly good but may be slightly over-estimated.*

Position of Station on Ordnance One-Inch map:

No. of Map *319*

National Grid Reference

*TH 664519.*

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

*000702*

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					



Station No. M 6249RAINFALL at Dungannon (Aloha)

51

County of TyroneObserver Major R. Stevenson *did 25/8/00*River Basin Bann - Lough Neagh West

Miss R. Irwin

Type of Gauge M.O. but used to be Howard.Annual Average 37.2 in. based on Omitted 1955 years obs. un-weighted. Period of average Ref." " 41.96 - 62.8 within 1926-57 File No. 741941/27  
1916-50 - 5

Diameter ...	5"										
Height ...	1' 0"							1' 6"			
Altitude ...	275'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.59	5.19	1.62	2.68	3.77	2.97	4.82	3.60	2.42	3.77	
February ...	3.26	0.82	1.20	4.90	3.00	1.43	2.00	4.09	1.07	2.87	
March ...	3.31	2.01	.53	3.32	1.08	2.27	3.37	2.27	3.17	3.07	
April ...	2.03	1.52	1.38	.71	3.06	1.24	1.52	1.74	3.82	2.25	
May ...	2.07	1.16	1.73	4.24	3.30	1.14	2.31	2.20	1.25	3.17	
June ...	2.94	2.85	2.09	2.99	5.47	2.45	2.03	7.08	3.07	3.03	
July ...	4.03	1.43	5.41	4.36	(1.40)	4.29	4.22	5.61	3.06	4.67	
August ...	5.20	5.06	4.09	2.75	.94	6.91	4.18	4.52	.92	5.23	
September ...	3.51	1.12	3.44	4.98	4.09	3.37	4.51	3.51	1.51	3.12	
October ...	1.16	5.70	2.23	7.10	2.47	2.32	3.74	3.13	4.53	4.23	
November ...	5.63	2.75	3.47	5.36	2.01	2.24	1.18	2.62	4.28	4.07	
December ...	4.88	4.92	3.54	4.80	4.76	5.10	5.27	(5.27)	5.51	4.16	
TOTALS ...	41.61 D	34.53 D	30.73 D	48.19 D	35.35 D	36.73 D	39.15 D	45.64 D	34.61 D	43.64 D	

1955 July est. M.O. 3b.

1957 - see note on next stn: 6249/1. We will print both records if possible, the Park gauge is about 1 mile away at lower altitude.

Irish X 1958 J.B.O.K. by record. Trees 45-50', 70'-80'sse otherwise good exposure.

00044

Position of Station on Ordnance One-Inch map :

No. of Map 312Irish National Grid Reference H(23) 806.14

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

000701

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C. 1925 D 26-30	✓ ✓	✓ np47-48 ✓	



Station No. 6249/1

RAINFALL at Dungannon Park (altia) Check

51

County of Tyrone Observer Major R. Stevenson

River Basin Bann - Lough Neag West Dungannon Park Ltd.

Type of Gauge C B.A.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 E 22.202/58 S 741941/27

Diameter	5"			947	988						
Height	1'0"				1			1'3"			
Altitude	250'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.09	4.92	1.50	2.80	3.55	2.98	5.32	4.22	2.09	3.78	
February	3.01	1.02	1.21	5.04	3.14	1.64	2.39	4.09	1.17	2.64	
March	2.80	2.05	0.57	3.48	1.15	2.52	3.70	2.15	2.80	2.98	
April	1.80	1.49	1.41	.75	3.16	1.35	1.75	1.55	3.59	1.99	
May	2.13	1.18	1.81	4.67	3.54	1.39	2.65	2.47	1.17	2.84	
June	3.05	2.97	2.44	2.94	5.71	2.76	2.10	6.56	2.95	2.69	
July	4.23	1.46	5.41	4.36	1.87	5.11	4.25	5.65	3.14	4.16	
August	5.76	5.25	4.20	2.67	.96	7.71	4.56	4.23	.97	5.12	
September	3.16	1.06	3.76	5.23	4.48	3.90	4.50	3.28	1.49	3.08	
October	1.19	5.82	2.37	7.48	2.92	2.96	4.31	3.24	4.50	3.97	
November	5.58	2.79	3.73	5.69	2.20	2.88	1.44	2.12	4.68	4.01	
December	4.98	3.89	4.20	5.17	4.93	5.31	5.28	5.20	5.20	4.15	
TOTALS	40.78	33.90	32.61	50.28	37.61	40.51	42.25	44.76	33.75	41.41	
	N.P.O.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	D. n.p.	

1951 N.P. check. Greenhouse 8' 18' NE, Garden Ho. 18' 60' SE.  
1952 -  
1953 n.p. check.  
1954 n.p. check.  
1955 n.p. check.  
1957. Correspondence with the Managing Director, Dungannon Park Ltd, concerning the 1954 record 6249, revealed that the two gauges are kept quite independently & are proposed now to print both records if possible & receive this one monthly w.e.f 4/58.  
Inst. 1958. J.B.O.K. h. space. Site over-impacted S-NE. Rec. more fault SE to get some protection from well. Trees E-SE will grow and give some protection later.

Position of Station on Ordnance One-Inch map :			No. of Map.....312.....		Irish National Grid Reference H(23) 802606			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Dungannon	1 mi	N	Dungannon	1 mi	N.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C 1947 n.p. 48.50 D 47	



M. 6250

Station No.....

RAINFALL at Battlecampfield (Parkanaw)

51

County of Tyrone Observer Major Y. A. Burgess

River Basin 2. Barn - Longueueagh west Rev. T. G. Eakin, O.F.E. MA.

Type of Gauge R. B.A.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 887824/28

Diameter ...	8"			948	679	5"					
Height ...	0' 6"				1	1' 0					
Altitude ...	250'				51	250'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.74	4.12	1.28	2.07	4.02	2.80	4.29	3.66	2.16	4.05	
February ...	2.04	0.69	.67	3.52	3.40	1.06	2.41	4.50	1.09	2.85	
March ...	3.27	2.07	.62	2.84	.93	2.27	3.45	2.16	3.37	2.86	
April ...	1.87	1.30	1.29	.53	3.71	1.42	1.64	1.57	4.13	2.15	
May ...	2.02	1.16	2.78	3.77	3.35	.22	1.68	2.71	1.39	2.98	
June ...	2.82	2.95	1.25	2.99	6.29	2.71	2.30	6.49	3.00	3.26	
July ...	3.42	1.34	5.60	4.59	1.08	4.45	3.76	5.12	3.65	5.15	
August ...	5.48	4.47	3.13	2.59	.99	6.78	4.93	4.31	.93	5.46	
September ...	3.72	1.44	3.06	4.74	3.78	3.53	4.49	4.78	1.46	3.39	
October ...	1.28	6.01	1.88	5.73	2.82	2.88	3.82	3.38	5.32	4.41	
November ...	6.61	2.65	3.01	4.35	2.21	2.31	1.22	2.34	5.13	4.12	
December ...	4.85	3.82	3.65	5.05	3.80	5.01	4.84	5.86	5.82	3.70	
TOTALS ...	40.12	31.02	28.22	42.77	36.38	35.44	38.83	46.88	37.45	44.38	

1956. Gauge moved & g. belonging to N.I. Min. of Finance installed, no change of site. Monthly cards are read from Mr. Bleasley, but Major Burgess still the authority. 1958. B.O.K. Trees 75° 30' SSE & 60° 100' E. House 45° 70' NW. otherwise reasonable copan uncertain measure. No alternative sites because of trees. 1959 19.1.59. Estate sold to N.I. Council for Orthopaedic development (Rev. T.G. Eakin)

An. Av. 38.46 based on 23 yrs. obs. within 1929-57. 2" low. Period of Av. 1916-50.5. Rejected

Correspondence in 1950 revealed that this is a recorder (dial) gauge - bucket pivot, recording 1/100" on clock. Moved to str. 546/1, 1956.

Position of Station on Ordnance One-Inch map : No. of Map 312 National Grid Reference H(23) 732614

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C imp. 1928	✓ mp. 38	✓	
			D 31-37. 39.40	✓	



Station No. 6251 M.

RAINFALL at Bookstown (Loughery Agricultural College) 51County of Tyrone Observer J. A. Young Esq.River Basin 2. Bann - Lough Neagh West her Government of N. Ireland.Type of Gauge M.O.Annual Average 41.53 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.  
" " 39.53 " " 8 " " 1950-57 " " 1916-50 File No. E 12625/50

Diameter ...	5"										
Height ...	1' 0"							1' 7 1/4"			
Altitude ...	208'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.68	5.42	1.28	2.73	4.15	3.10	4.88	3.92	2.52	4.12	3.580
February ...	2.90	0.94	.99	4.97	2.90	1.41	2.85	4.51	.97	3.66	2.610
March ...	3.13	2.04	.51	3.58	.94	1.93	3.01	2.13	3.28	3.08	2.363
April ...	1.72	1.15	1.06	.62	2.56	1.35	1.50	1.52	3.41	2.33	1.722
May ...	2.33	1.21	2.44	4.60	2.29	.94	2.07	2.57	1.23	3.29	2.297
June ...	2.86	2.29	1.89	3.32	4.50	2.46	2.08	5.14	2.41	2.59	2.954
July ...	3.01	1.59	6.40	3.56	1.75	4.31	2.79	4.55	3.93	5.87	3.776
August ...	5.37	4.85	3.17	3.11	1.06	6.64	4.43	3.97	1.23	5.23	3.906
September ...	3.33	1.56	3.92	5.59	3.26	3.63	4.67	5.02	1.54	3.08	3.560
October ...	1.03	6.59	2.03	5.80	2.88	2.52	3.03	2.79	4.68	4.68	3.607
November ...	5.37	3.02	3.36	5.28	1.97	2.09	1.31	1.92	3.96	3.93	3.221
December ...	5.08	4.32	3.48	5.08	5.96	5.47	5.42	5.33	6.49	4.04	5.067
TOTALS ...	39.81	34.98	30.53	48.24	34.22	35.89	38.04	43.37	35.65	45.90	38.663

Inst. I 1958 J.B.O.K. Trees to N just overhalls and at max. ht. G is not imbedded but is moved depending on crops in garden. Present site good.

000698

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TH 813743

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Summary of Earlier Records from 10-year Sheets :

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d				<u>C 1950</u> <u>d 50.</u>	



Station No. M. 6252

RAINFALL at Omagh (Edenfel)

51

County of Tyrone

Observer Wm F.M. Hammond-Smith

River Basin 3 - Foyle

Type of Gauge Glaisher

Annual Average 40.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N  
42.80 - - - - - 1916-1950 1916-1950 3543/30 P  
File No. 3543/30

Diameter ...	8"				927	679					
Height ...	1' 0"					1			1' 1"		
Altitude ...	280'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.52	5.37	1.79	3.24	4.30	2.92	5.07	4.03	2.53	4.15	
February ...	3.36	1.55	1.59	4.75	2.92	2.20	3.41	3.68	1.52	3.59	
March ...	3.33	2.05	0.91	3.67	1.03	2.11	3.61	1.07	3.42	2.25	
April ...	2.02	1.51	2.35	1.40	2.49	1.39	1.62	1.67	3.75	2.17	
May ...	1.62	1.83	3.44	4.53	2.84	2.20	2.20	2.70	1.25	2.12	
June ...	2.78	3.21	1.23	3.71	5.35	3.91	2.08	4.90	2.85	4.09	
July ...	2.94	1.40	6.07	5.93	1.51	5.05	3.69	4.37	3.63	5.59	
August ...	5.13	4.42	3.43	3.40	.91	6.94	5.13	4.58	1.63	4.09	
September ...	3.27	1.78	3.65	4.95	4.18	3.08	4.47	3.99	1.57	2.69	
October ...	1.87	5.61	2.92	8.63	2.92	4.00	3.70	3.47	5.64	3.39	
November ...	5.43	3.23	4.40	5.19	2.11	2.88	1.16	2.53	4.71	3.71	
December ...	4.65	4.99	3.83	5.42	5.47	5.40	5.18	5.83	5.69	4.72	
TOTALS ...	39.94 <sup>2</sup>	36.95 <sup>D</sup>	35.61 <sup>D</sup>	54.82 <sup>D</sup>	36.03 <sup>D</sup>	42.08 <sup>D</sup>	41.32 <sup>D</sup>	42.82 <sup>D</sup>	38.19 <sup>D</sup>	42.56 <sup>D</sup>	

*Inf. II 1959 J.B.D.K. g. in very poor condition. Overhauled (30") by tree to SSW. Slight overhauled from home to NE. Inf II g. supplied by R.O.B. nearby fully overhauled to S and to W and SE. Rec. use to replace present g. in present site which is best available.*

000696

773

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference EH 466719 (Bk of Averages)

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	

## Air Ministry, Meteorological Office

M.W.R.

Station No.

625218 928585

RAINFALL at Lislap Forest.

QUEENS UNIVERSITY (Belfast) 51

County of TyroneObserver (The Forester)River Basin 3 - FoyhLislap Forest

Type of Gauge

Omagh Co. Tyrone.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. E 24051/59 9434

Diameter ...												
Height ...												
Altitude ...												
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...									(3.00) 3.54			
February ...									(1.90) 5.49			
March ...									(4.40) 3.11			
April ...									(3.80) 3.52			
May ...									1.68 3.46			
June ...									2.37 3.76			
July ...									3.67 7.55			
August ...									1.86 5.10			
September ...									2.08 3.93			
October ...									5.81 4.32			
November ...									6.64 4.98			
December ...									7.98 4.95			
TOTALS ...									45.19 inc. 53.71 no. ✓			

74004

1959 Estd values from monthly annual maps  
Sis 6/16/4

000697

Position of Station on Ordnance One-Inch map:

No. of Map 312

National Grid Reference 1H. 485523

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



M.W.R.

Station No. 6252/5

RAINFALL at Lislap Forest

County of Tyrone

Observer (The Forester) QUEENS UNIVERSITY (BELFAST) 51

River Basin 3 - Foye

Lislap Forest

Type of Gauge

Omagh Co. Tyrone

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. F 24057/59

Diameter ...				928	585				5"	6"	
Height ...					1					1' 0"	
Altitude ...					51				686	680'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...									-100	3.54	
February ...									1	5.49	
March ...										3.11	
April ...									-100	3.52	
May ...									1.68	3.46	
June ...									2.37	3.76	
July ...									3.67	7.55	
August ...									1.86	5.10	
September ...									2.08	3.93	
October ...									5.81	4.32	
November ...									6.64	4.98	
December ...									7.98	4.95	
TOTALS ...									-100 inc. 53.71	53.63	
									np.	D	

1960. Inop. Means, scales and weather. excellent condition. None 1' 0' above ground level.

000697

Position of Station on Ordnance One-Inch map: No. of Map 312 National Grid Reference 1H. 485823

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60



Station No. M. 6253

RAINFALL at Newtown Stewart (Baronscourt)

51

County of Tyrone Observer The estate manager.

River Basin 3-Boyle

Type of Gauge Snowden

Annual Average in. based on years obs. un-weighted. Period of average 1916-58 Ref. S
40.60 27 within 1920-57 File No. 841362/28

Table with 12 columns: Diameter, Height, Altitude, Year (1951-1960), Means. Rows include monthly rainfall data and totals.

1951 N.P. very low. 1952 N.P. low. 1957 N.P. low.
Imp. In 1959 J.B.O.K. Not level. Fixed in concrete block. Sealed top of funnel and bottom of
wa. Overhauled by tree & building NW-W and bathhouse shelter by trees ENE-ESS. liable
to interference from children. Good site chosen in walled garden NGR 364825
at slightly higher altitude.
1958 n.p. low. 1960 gauge moved to site recommended on 14/1/60.
1959 n.p. low. - 1960.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference TH. 363826

Table with 7 columns: Date, Lat. N, Long., Railway Station, Distance Direction from gauge, Parish Church, Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Table with 6 columns: Record D, or d, 1910-19, 1920-30, 1931-40, 1941-50, 1951-60.



Station No. M. 6253/5

RAINFALL at Cortin (Beltrim School)

51

County of Tyrone

Observer H. C. Willis, Esq.\*

River Basin 3 - Foyle

\* per Government of N. Ireland.

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

" " 49.68 " 10 " 1948-57 " " 1916-50 E 12625/50.

Diameter ...	5"				929	758					
Height ...	1' 0"					1			8 1/2"		
Altitude ...	393'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.91	6.92	1.46	3.99	4.84	3.62	6.30	3.82	2.76	4.42	
February ...	4.45	2.51	1.70	5.96	3.79	3.09	4.01	5.01	1.76	5.46	
March ...	3.27	2.95	0.99	4.37	1.00	2.56	4.30	1.40	4.06	(3.20)	
April ...	2.11	1.87	2.49	1.19	3.25	2.06	2.00	1.93	3.53	3.28	
May ...	1.64	1.31	3.67	5.83	3.32	1.94	2.13	2.10	.88	2.44	
June ...	4.00	3.32	1.55	3.02	4.44	4.76	1.94	4.11	2.21	3.12	
July ...	3.44	1.89	6.33	4.60	1.72	6.26	4.38	3.51	3.59	7.03	
August ...	5.46	5.60	4.02	3.65	1.05	7.04	4.65	-100 n.p.	1.69	(5.10)	
September ...	2.85	2.20	4.39	6.81	5.09	3.61	5.88	3.73	1.47	3.25	
October ...	2.62	6.10	3.13	7.34	3.38	3.43	4.24	3.59	6.26	4.01	
November ...	7.02	3.20	4.70	6.10	2.82	2.94	1.04	1.65	6.53	4.70	
December ...	6.89	5.34	4.21	5.94	5.77	6.66	5.75	5.70	8.00	6.14	
TOTALS ...	47.66 0	43.21 D	38.64 d	58.77 d	40.52 d	47.97 d	46.59 d	-100 n.p. inc.	42.74 d	52.15 d	

1957. but July est. by 403.  
Imp. to 1959. BOK. This tree 55', 100'SW. Trees NW-SW on hillside will cross belts - 5-10  
years and increase. Measure flat-bottomed measure.  
1958 n.p. inc  
1959 print

000694

IH

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference ID 490858

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C 1948 np+849	



Station No. M 6254

RAINFALL at Sion miles (Sion House)

51

County of TyroneObserver Gert G. B. HerdmanRiver Basin 3 - BoyleType of Gauge m.o.Annual Average 39.1 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.42.57 " " " 35 " " 1916-1950File No. 816678128

Diameter ...	5"				932	500					
Height ...	1' 0"					1			1' 3"		
Altitude ...	100'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.82	5.87	1.22	3.62	3.50	3.18	6.02	3.56	2.41	4.08	
February ...	3.50	2.44	1.51	4.47	2.77	2.48	2.73	3.87	.95	3.23	
March ...	3.12	2.37	1.23	3.87	1.08	1.54	3.71	1.27	2.56	2.02	
April ...	2.16	1.29	2.70	1.39	1.83	1.88	1.31	1.37	3.50	3.07	
May ...	1.34	1.88	2.51	3.94	4.11	1.71	1.93	2.77	1.25	2.05	
June ...	3.04	2.55	1.80	4.02	4.54	3.21	1.34	4.55	2.00	2.80	
July ...	2.97	1.08	5.55	5.21	0.96	4.77	4.34	4.27	3.15	5.59	
August ...	4.53	5.29	4.52	3.62	.88	5.44	4.20	4.91	1.51	4.74	
September ...	2.38	1.88	4.95	5.46	3.53	3.77	5.98	3.25	1.42	3.28	
October ...	2.69	4.52	3.07	6.17	3.09	3.06	4.37	3.03	5.17	3.16	
November ...	4.22	2.88	4.59	5.07	2.54	2.72	1.17	2.40	5.74	3.59	
December ...	5.92	5.07	4.08	6.06	5.08	4.36	5.00	4.97	6.51	5.53	
TOTALS ...	40.69	37.12	37.73	52.90	33.91	38.12	42.10	40.22	36.17	43.14	
	D	D	D	D	d	D	d	stop	d	d	

Inst. in 1959 J. B. O.K. G. fixed in concrete block. House 30° 35' N. Tree 55° 70' WNW 2 WSW.  
Apple tree 10° 10' E & 15° SE. No other site available  
1958 no too many Accs.

000693

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 114 339932

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	
		✓	✓	✓	









RAINFALL DATA FOR NORTHERN IRELAND

(Based on 10-year Sheets)

NOTE: A few very very short records for which there are 10-year sheets are not included in this list.

NOTE: The stations in the List are NOT NECESSARILY in normal station order.

FERRANACH

NEWTOWNBUTLER (Grom Castle) ..... 1890-95, 1908-  
ENNISKILLEN (Florencecourt) ..... 1917-26.  
    *(see also FLORENCE COURT below)*  
    (Castle Coole/Belvue). 1925-  
    (Protera Roy.Sch.).... 1902-41, 1950 thence irregularly  
    (Tech.School)..... 1927-35.  
    (Model School)..... 1902-09.  
    (Lisbellow) ..... 1875-85  
    ,, (Monthly) 1881-85 (except 1883)  
COLEBROOKE (formerly BROCKEBOROUGH) 1879-95, 1930-  
ELY LODGE ..... 1958-  
BALLINMALLARD (Rossfad) ..... 1939-55.  
BELLINCK (Heronsheaw to 1942)..... 1879-  
    (Roscor)..... 1931-  
IRVINESTOWN (Eglinton Lodge)..... 1865 only  
    (Northern Bank) ..... 1913, 1915 and 1920.  
    (R.U.C.)..... 1949-  
CASTLE ARCHDALE ..... 1930-38.  
    (Airfield)..... 1942-57.  
FLORENCECOURT ..... 1844-46, 1860-72; 1873-95; 1934-

ARMAGH

BESSBROOK (The Woodhouse) .....	1919-
(Deramore).....	1911-17
BALLYLANE (Waterworks).....	1956-
MARKETHILL (Whitecross).....	1931-
PORTADOWN .....	1903-04.
(Tavenagh Ho. /Sewage Wrks)..	1949-
KEDDY (Corrymore Rectory).....	1934-53.
SEAGHAN RESERVOIR .....	1955-
TYNAN ABBEY .....	1932-
ARMAGH (Observatory).....	(1836-59),1854-
(Rev.Robinson's station).....	1840-67 (except 1866)
RICKHILL (Sandymount).....	1920-
(Fruitfield).....	1892-1901.
LOUGHGALL (Manor House).....	1893-1920.
(The Manor Farm).....	1957-
CROSSMAGLEN (Anamar).....	1923-43.
NEWTOWNHAMILTON .....	1875-76; 1931-36.
LARGAN (Bellvue) (1st gauge) .....	1880-1929;
(2nd gauge) .....	1929-34.
TANDERAGEE .....	1903-20.
(The Square).....	1920-24.
WARRENPOINT (Clenallon).....	1920-26.
(Summer Hill).....	1875-1908.
(The Manor House).....	1907-19.
KILLLOUGH.....	1925
NEWRY (Edward St. Station).....	1875-96.
CHARLEMONT LOCK (MOY).....	1892-97.
FLURRYBRIDGE (formerly JONESBOROUGH)..	1876-86.
ROSTREVR QUAY.....	1876-77.



DOWN

ROSTREAVOR (Quay) ..... see ARMACH

(Baymont)..... 1954-56.

KILKEEL (Coastguard station)..... 1953-

..... 1875-87.

NEWRY (Bridge Street House)..... 1917-

(Bridge Street)..... 1896-1914

NEWCASTLE ..... 1956-

(Tullymore Park)..... 1901-14.

(Roy. Co. Down Golf Club) 1913-17.

(Fairleigh)..... 1880-96.

(Newcastle Post Office) 1874-75.

(Newry)..... 1876-79.

SILENT VALLEY (Belfast W.W.)..... 1930-

ANNALONG (Belfast W.W.)..... 1923-

..... 1887 (Feb-Dec).

MOURNE MOUNTAINS (Slieve Lamagan) 1939-

(Lough Shanmagh) 1939-

(Slieve Bearnagh) 1939-

(Fofanny Res.)... 1907

„ (Check)... 1956-

(Deers Meadow)... 1955-

(Ott)..... 1955-

(Spelga Dam)..... 1955-

(Belfast WW, No.1)1893-97.

No.2 1893-97.

No.3 1893-97.

No.4 1893-97.

No.5 1893-97.

No.6 1893-97.

No.7 1893-97.

No.8 1893-99.

No.9 1893-97.

No.10 1893-97.

No.11 1893-97.

SEAFORDE (formerly Downpatrick)... 1863-64, 1867-

DOWN, continued

DOWNPATRICK (Down High Sch)..... 1952-55.  
     (The Mall)..... 1931-      (except 9/53-8/56).  
 BALLYNAHINCH (Spa) ..... (1949); 1955-  
 LOUGH COWEY (Waterworks)..... 1954-  
 COMBER (Ballywilliam)..... 1952-54  
 GREY ABBEY (Hollowdene)..... 1930-47, 1949-54.  
 DUNDONALD (Heatherdene)..... 1953-  
     (Moyward)..... 1952-  
 BALLYWALTER PARK ..... 1932-  
 DONAGHADINE (Belvedere)..... 1950-52  
     (Craignore)..... 1920-53  
     (Orlock Reservoir)..... 1932-  
     (Coastguard Station)... 1920-42.  
     (May Mount)..... 10/39-12/40.  
     (Orlock Hill)(1914-18). 1873-1930.  
 DROMARA ..... 1936-  
 ANTIACHANNOON ..... 1930-56.  
 WARINGSTOWN (The Forge)..... 1923-56.  
     ..... 1921-25.  
     ("A")..... 1921-26.  
     (Lurgan)..... 1861-1900.  
 HILLSBOROUGH (Ag. Res. Inst.).... 1930-  
     (Anahilt) ..... 1875-80.  
     (Lisadian)..... 1952-  
 KNOCK (Ordston Drive)..... 1951-55.  
     (Cherryvalley Park)..... 1946-50.  
     (Hawthornden Rd/Belfast  
       (Kingsway Gdns))..... 1946-48.  
     (BELFAST (Knock))..... 1935.  
 BELFAST (Kingsway Gdns)..... (from KNOCK): 1948-1954.  
     (Stormont Castle)..... 1956-



DOWN continued

BELFAST (continued)	
(Knock).....	see KNOCK.
HOLYWOOD (Creighton's Green).....	(1950), 1952 (Jan-Jly).
(Waterworks, vice Cultra)	1953-58.
(Cultra).....	1949-53, 1954.
(CULTRA (Nacoma)).....	1951-53.
(Waterworks).....	1896-89, 1991-95.
BANGOR (Garth Ho. Sch.).....	1939-
(Chorlton).....	1920-31.
BANBRIDGE (vice K.G. Playing Flds)	1940-43, 1948-
(Newry Road).....	(1938)
(Observatory).....	1910-35.
(Milltown).....	1861-1935.
(High level)	1864-69.
(Millbank).....	1910-27.
(Katesbridge).....	1875-1913.
(Achnacloy/Corbet Res.)	1887-1916 (except 1893, 1915)
BISHOPS COURT .....	1943-47.
STRANFORD .....	1929-46.
BALLYHALBERT.....	1943-45.
SAINTFIELD HOUSE .....	1919-40.
PORTADOWN (formerly Mayalone Ho)	1920-39; 1905-1919.
NEWTOWNARDS (The Manse/Academy)...	1924-28.
(Scrubo Hill).....	1915-27.
.....	1880-86.
(Model School).....	1875-79.
RATHFRYLAND (Maddock Br.).....	1910-1920.
(Ballynagopage).....	1875-1909.
.....	1880-88.

DOWN, continued

CASTLEWELLIAN (Lough Island Res)...	1876-1916 (except 1915).
(Bann Reservoir/ DANKBRIDGE (Bann Res)...	1861-82.
(Teffany).....	1875-77.
(Woodlawn).....	1875-77.
LISEBURN (Union Lock).....	1892-97.
SYDENHAM (Alma Ho.).....	1867-92.
(or BELFAST (Sydenham))	
BRYANSTON .....	1883-84.
KIRKUBBIN (Tubber-na-Carrig).....	1879.
HILLTOWN.....	1875-79.
ARDCLAP CASTLE .....	1863-69.



AIRTEL

LISBURN (Union Lock)..... see Co.DOWN (p.6).  
 (Mill Hall)..... 1960-  
 (Seymour Park)..... 1959-  
 (School/Friends School)..... 1920-1955.  
 (Ulster Ev. School)..... 1903-12 (except 1908)  
 (Prospect Hill)..... 1976-79; (1880-89); 1891-93.  
 ..... (1880-89)  
 (Aghaloo)..... 1868-79.

LAMBERT (Glenmore House)..... 1927-51, (1954).

DUMFERRY (Warren House)..... 1925-51.  
 (Legnacre)..... 1939-

BELFAST (Queens Univ./College)..... 1851-1956.  
 (Sewage Works)(M.O.Gauge)... 1927-  
                     (Wilson Gauge) 1904-1927 (June).  
 Oldpark Reservoir..... 1929-  
                     (now gauge)  
 Oldpark Filters..... 1908-32.  
                     (old gauge)  
 (Cave Hill Road, formerly  
   Springfield/New Barnsley).. 1890-1936, 1875-1880  
 (Harbour)..... 1928.     1863-65  
 (Royal Academic Institution) 1927-30.  
 (Cliftonville)..... 1924-25.  
 (Lantern Hall Library)..... 1812-70 (ex. 1816, (1817-18)) 1875-1903  
 (Antrim Road)..... 1866-1907.  
 ..... 1894-96.  
 (Divis Mountain)..... 1885-88.  
 (Divis Mtn. top)..... 1885-1888.  
 (Glenbank)..... 1884-86,  
 (Elmgrove House)..... 1875-76.  
 (Old Park)..... 1866-78

ANTRIM, continued

BELFAST, continued

(Barracks), No.1 .....	1866-75		
No.2 .....	1866-73		
(Woodbury) (three gauges)....	1864-65.		
(R.E. Office) No.1 .....	1856-58		
No.2 .....	1856-56		
CARTICKFERGUS <sup>x</sup> (Derisland)1890.....	1890-1932.	1929-	
(Knockagh).....	1939-		
x(South Woodburn).....	1887-1932.	1929-	
x(North Woodburn).....	1886-1932.	1929-	
x(Capeland).....	1891-1932.	1928-	Also 1887-97.
x(Lough Mourne).....	1890-1932.	1929-	Also 1887-92.
(White Abbey).....	1872-74.		
(Seetch Quarter).....	1870-72.		
LARNE (Bellycarry).....	1949-		
(Grammar Sch.).....	1888-		
(Bellagh Springs).....	1910-		
(Carnlough).....	1875-81.		
PARKMORE FOREST .....	1956-		
CLOUGHMILLS (Altnahinch).....	1955-		
BALLYCASTLE (Coolgreary).....	1944-		
(Magherintemple).....	1923-43.		
(Shackburn).....	1923-29.		
TOOMEBRIDGE .....	1937-		
TOOME .....	1851-54.		
STONEFYFORD <sup>x</sup> (Belfast W.W.).....	1866-1932.	1929-	1959-
(Belfast W.W.)(Monthly)...	1887-93.		
LEATHERNESTOWN (Belfast W.W.).....	1939-		
NUTTS CORNER (Airport).....	1948-		
ALDERGROVE (Airfield).....	1926-		
RANDALSTOWN (formerly Hollybrough)....	1929-45.	1945-	
BALLYCLANE (Killylane Res.).....	1952-		
GLENWHERRY (Mense).....	1947-50.	(1951-52).	
BALLYMENA (Hayyville).....	1877-		
BROUGHSHANE (Quolie).....	1880-		
(Tullymore School) .....	1926-39		

(<sup>x</sup> overlapping raingauge records)



ANTRIM, continued

BALLYDAKE (Doagh Road).....	1941-44	
WHITE ABBEY (Knockinagh).....	1923-32.	
(Abbeyville).....	1875-80.	
GLENAM CASTLE.....	1894-1934.	
PORTNUSH (Golf club).....	1935-37.	
(Carnal Ridge).....	1938-41.	
<del>BROUGHTHURST (Ballymore School).....</del>	<del>1929-33.</del>	(see foot page 8)
ANTRIM (Ardnareigh).....	1878-1922.	
(The Monco).....	1870-74, 1876-77, 1880, 1883-82 1897.	
.....	1891-93.	
JORDANSTOWN (Londmore).....	1914-17.	
BUSHMILLS (Dunamary).....	1879-1914.	
.....	1875-26.	
BALLYMONEY (Balnamore).....	1880-1917 (except 1888)	
(Rectory ?).....	1866-70.	
(Church Street).....	1875-78.	
STRANOCAM (Gardenvale).....	1883-1909.	
BALLYNURE (Ballyboley).....	1884-1904 (except 1899)	
<del>CUSHENDUM (Agelagh)</del>		
CUSHENDUM (Agelagh).....	1867-72, 1890-92.	
.....	1882-83.	
AGHALLEE (Lurgan).....	1890-93.	
CHURLIN (Langford Lodge).....	1892-93.	
.....	1875-79.	
GLENNAVY (Fourscore Sch.Ho.).....	1886.	
BALLYCLARE (Paper Mills).....	1887-89.	

LONDONDERRY

LONDONDERRY (Dunruadh).....	1903-52
(Creggan Reservoir).....	1878-
(Cloonoy Terrace/ Abarcarn Road)...	1878-1901. 1938-39.
(The Asylum).....	1879-82. 1895-1902.
(Knockau).....	1875-1889.
(Richmond).....	1862-76.
(LitV. Association)...	1861-67.
.....	1865-69.
UPPERLANDS (Ardrara).....	1934-
(House).....	1936, (1937)
GARVACH (Moneydig).....	1870-1920. 1922-24. 1933-
(Woodbank Ho.).....	1908-21.
COLERAINE (The Cutts).....	1937-
(Cutts House).....	1923-34.
(Inglodene).....	1931-57.
(Carrhall Filter Ho.)...	1957-
.....	1884-1907 (except 1899)
(Mr. Williamson).....	1878-86.
(Mr. Campbell).....	1879-87.
DRAPERSTOWN (Ard Muiri).....	1949-
GLENNEDRA (Spelhoagh Mountain).....	1918-
(Hill).....	1918-
(Lodge).....	1917-
(Altagerran Mountain)....	1928-
(Intake).....	1931-
DUNGIVEN (Banaghee Filters).....	1931-
(Labbyheige).....	1933-
(Grianan).....	1949-
.....	1880-85
ALTNAHEGLISH (Glack Burn).....	1929-
(Altnabrogey Burn)...	1931-



LONDONDERRY, continued

BALLYE LLY (Airfield)..... 1946-50, 1951-53.  
    (Drummond)..... 1883.  
LIMAVARDY (formerly Newtownlimavady)  
    (Drenagh)..... 1872-  
    (Roevista Manse)..... 1926-44  
    (Dogleap)..... 1922-27  
    (Culmore House)..... 1908-17.  
    (Mr. Campbell)..... 1879-97.  
    (Mr. Dewcott)..... 1880.  
BALLARENA, "R"..... 1901-49 (except 1903 and 1924)  
    (Londonderry)..... 1864-95.  
CASTLEROCK (Craighead)..... 1939-53.  
CAUDY (Glen Alta House)..... 1949-50.  
DRUMORE ..... 1874-75.

TYRONE

AUGHINACLOY (Sewage Works).....	1958-
(Archdeaconry).....	1873-87 (except 1883)
DUNLANNON (Aloha).....	1925-
(Park).....	1947-
(Killymore Rectory).....	1908-21.
(Rockdale).....	1875-97
(monthly).....	1884-93
(Doughmore).....	1875-81
(Allan Rock).....	1878-82
(Pomeroy).....	1875-77
CASTLECAULFIELD (Pakenane).....	1928-
COOKSTOWN.....	1936-38, 1940, 1950-
(Ulster Dairy School).....	1938-41.
(Lissen House/Lissen).....	1873-1916.
(Ballynully Globe).....	1875-78
LISLAF FOREST .....	1959-
OMAGH (Edenfel).....	1865-
NEWTOWN STEWART (Baronscourt).....	1892-1909 (x 07), 1911- (x1922)
(Drunguin).....	1875-76
GORTIN (Beltrim School).....	1948-
<u>SEEN</u>	
SEEN MILLS (Seen House).....	1907-
DONAGHMORE.....	1922-30
(M).....	1922-26
STRABANE .....	1929-31
.....	(1875-78)
(Lockpatrick).....	1861-72.
TULLYHOGUE (Rockdale House).....	1921-25
STEWARTSTOWN (The Square).....	1875-1907
(Gerglassen).....	(1907-08)
(Ardrea Rectory).....	1875-93



TYRONE, continued

MOY (Lock House).....	(1891, Sept)
(Derryally, 1).....	1879-95
2).....	1872-95
(Benbulbin).....	1875-78
COALISLAND CANAL, (No.7 Lock).....	1892-93
SIMILECROSS RECTORY.....	1890-95
GALEDON GLEBE .....	1876-80
BERAGH (Clogherney, 1).....	1877-80
2).....	1877-83
CLOUGHERRY (lower).....	1856-65

Average annual rainfall 1916-1950

Station	I.G.R.	average, inches
<u>Fermanagh</u>		
Newtonbutler, Crom Castle	IH 356241	39.38
Florence Court	IH 176347	48.64
Enniskillen, Bellevue	IH 253410	39.66
Colebrook	IH 409446	41.25
Irvinestown	IH 236582	40.82
<u>Armagh</u>		
Bessbrook, Woodhouse	IJ 051284	40.13
Markethill, Whitecross	IH 987313	41.46
Tynan Abbey	IH 759422	34.26
Richhill, Sandymount	IH 924495	32.20
<u>Down</u>		
Silent Valley, Belfast W.W.	IJ 305210	52.80
Annalong " "	IJ 355225	48.37
Mourne Mountains, Slieve Lamagan	IJ 322255	72.13
" " LoughShannagh	IJ 298259	72.81
" " Slieve Bearnagh	IJ 314279	74.18
Downpatrick, The Mall	IJ 483444	35.72
Ballywalter Park	IJ 620682	34.15
Donaghadee Craignore	IJ 569818	33.00
Dromara	IJ 289455	40.65
Hillsborough Ag. Res. Stn.	IJ 251577	35.42
Dundonald, Moyard	IJ 412730	36.59
Hillsborough, Lisadian	IJ 219591	35.33
Conlig Reservoir	IJ 499781	37.17
Hollywood, W.W.	IJ 429789	39.51
Bangor Garth House School	IJ 494822	34.95
<u>Antrim</u>		
Dunmurry, Lagmore	IJ 265690	44.62
Belfast, Sewage Works	IJ 352770	37.85
Belfast, Oldpark Filters	IJ 323775	45.81
Carrickfergus, Dorisland	IJ 386879	40.22
Carrickfergus, Knockagh	IJ 361880	44.22
Carrickfergus, S. Woodburn	IJ 371893	46.60
" " N. "	IJ 367904	43.80
" " Copeland	IJ 429916	41.57
" " Lough Mourne	IJ 416922	44.57
Larne, Ballycarry	IJ 459949	41.39
Ballycastle, Coolgreany	ID 123406	41.62
Toomebridge	IH 988905	36.23
Stoneyford, Belfast W.W.	IJ 221701	41.21
Leathamstown, Belfast W.W.	IJ 214723	41.32
Nutts Corner, Belfast Airport	IJ 196776	39.00
Randalstown	IJ 083907	41.18
Ballyclare, Killylane Res.	IJ 279986	49.48
Broughshane, Quolie	ID 178128	55.78
<u>Londonderry</u>		
Upperlands, Ardara	IC 874047	43.55
Garvagh, Moneydig	IC 890170	42.43
Coleraine, The Cutts	IC 854302	40.89
Draperstown, Ard Muir	IH 779947	51.31
Glenedra, Spelhoagh Mountain	IH 704985	66.37
Glenedra Hill	IH 696992	67.20



Londonderry (cont.)

	I.G.R.	average, inches
Glenedra, Altagarran Mountain	IC 711012	59.01
Dungiven, Labbyheige	IC 723021	59.35
Altnaheglis, Altabrogy Burn	IC 701033	58.31
Glenedra Intake	IC 682024	57.72
Altnaheglis, Glack Burn	IC 707040	55.36
Dungiven, Banagher Filters	IC 670046	52.29
Dungiven, Grianan	IC 694089	44.26
Ballykelly Airfield	IC 624235	<del>34.94</del>
Limavady, Drenagh	IC 689231	37.55

Tyrone

Dungannon, Aloha	TH 807614	41.16
Dungannon, Park <i>PARK?</i>	TH 802606	40.18
Cookstown, Loughery Agric. College	TH 813743	39.53
Newton Stewart	TH 363826	40.60
Gortin, Beltrim School	ID 490858	49.68
Ballysallagh Res.	IJ 455785	40.11

Co. Down