

Met 0 8b 10-YEAR SUMMARY SHEETS

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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.

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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.
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Head of Hydrometeorological  
Data Systems

KEEP as top enclosure of each binder





RAINFALL at Lisburn Friends School.  
Ulster Provincial School.

County of Antrim

Observer J. Ridge Esq.  
Jas. Workman Esq.  
J. G. Dunning Esq.

River Basin Belfast Lough - 1  
Howard ("25")  
Symons } Rain Gauge, by  
M. O.  
(1. VI. 27.)

Diameter ...	5			5				8			
Height .....	1 6			1 6				1 6			
Altitude ...	<del>208</del>			<del>208</del>	195		208	208			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.53	5.69	4.71	3.68	4.81	3.26	6.43	3.45	5.05	1.98	4.25
February ...	3.00	1.02	4.16	7.04	1.41	5.24	4.40	1.95	3.56	2.86	.84
March .....	4.82	2.90	2.05	2.62	2.03	1.86	1.42	2.90	3.39	1.41	1.85
April .....	3.51	1.51	4.58	3.73	3.43	5.35	2.12	1.35	1.27	1.03	1.28
May .....	4.03	2.31	1.97	2.26	6.33	5.18	3.34	1.30	1.56	2.25	1.65
June .....	2.72	.41	2.71	1.57	4.23	.61	2.37	3.37	4.22	2.86	1.98
July .....	2.82	3.72	4.17	3.49	5.07	5.12	4.05	3.32	2.41	3.09	3.57
August .....	2.84	4.25	4.30	8.09	5.90	2.26	3.71	3.89	3.64	4.09	6.55
September...	3.41	1.54	2.78	4.00	5.91	4.11	2.97	5.69	2.32	.92	3.74
October .....	8.44	3.93	1.31	4.64	3.00	3.95	3.50	3.14	4.68	4.17	4.91
November...	3.18	3.91	1.43	4.33	4.14	3.23	5.81	3.71	4.54	4.20	3.38
December...	4.45	3.28	3.41	5.01	4.34	4.42	1.35	2.45	2.48	6.72	2.99
TOTALS...	49.75	34.47	37.58	50.46	50.60	44.59	41.47	36.52	39.12	34.38	36.99
	D	D	D	D	D	D	D	D	D	D	D

1922 : Tree 30' 10 yds. E  
1927. Inspected 5. IV. 27. (7.660366/26 - Endo. 16<sup>B</sup>). Howard g. leaks. In garden with fairly steep slope to S. Nearest object Stevenson screen 4ft. away. More suitable site on level lawn selected by Inspector and purchase of new M.O. pattern g. recommended. New M.O. 8" g. fixed on site (selected by inspector) on 12 June, 1927. (Endo 19<sup>A</sup> 7.660366/26)  
1926. not printed gauge reading.  
1927. Old g. readings for Jan - May reduced by comparison with new g. values for June - Dec.  
Sun dial 4' 6" high, 3 ft. N.  
Tree 40' 0" " 20 yds. NE.  
House 30' 0" " 15 yds. N.

Position of Station on reduced Ordnance Survey } No. of Map  
Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 31' 17"	6° 24' 6"	Lisburn	300 200 yds.	S.	Cathedral	4 mi	SE
						0 0 0 4 2 4		



RAINFALL at Lambeg { Glenmore House  
Research Institute }

County of Antrim Observer Miss A. G. Davin (Ass<sup>t</sup> Botanist)

River Basin Belfast Lough - 1

N. O. Rain Gauge, by \_\_\_\_\_

Diameter ...								8			
Height .....								1 1	11"		
Altitude ...								100			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...									5.03	1.85	4.04
February ...									3.93	3.00	.72
March .....									3.34	.47	1.91
April .....									1.25	1.07	1.33
May .....									1.43	2.26	1.69
June .....									4.06	3.05	2.05
July .....									2.77	3.17	3.59
August .....									3.33	4.39	7.20
September...									2.41	1.06	4.21
October .....									4.80	4.39	5.60
November...								imp.	4.63	4.23	3.53
December...								2.57	2.49	7.12	2.83
TOTALS...								imp.	39.47	36.06	38.70

1927. Large House 35 ft. high. 25 yds. N.  
Lambeg House 15 " " 30 " NE.  
avenue of trees 25 " " 30 " W.

g. installed 14. XI. 27. —  
Previous to Dec. 1927 record a  
from an unorthodox g. exposed on  
the top of a Stevenson screen are  
available. See enclosure 28. 3/753667/27

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1927.			Lambeg	1/4 m.	N.W.	Lambeg	1 m.
						000423	N.E.



RAINFALL at Dunmurry, Warren House.

County of Antoin Observer Col. H. R. Sharley C.B.E.

River Basin Belfast Lough - 1

See over Rain Gauge, by

Diameter ...						5"					
Height .....						10"					
Altitude ...						98'	110				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...						2.26	4.51	3.84	5.92	1.91	4.29
February ...						3.35	3.19	1.87	4.29	3.22	'88
March .....						1.34	1.29	2.71	3.34	.48	2.19
April .....						3.64	2.05	1.85	1.47	1.31	1.56
May .....						4.76	2.36	1.37	1.48	2.45	1.85
June .....						.56	1.94	3.99	4.18	2.73	2.14
July .....						4.24	4.31	3.33	2.88	3.18	4.14
August .....						1.82	3.86	4.00	3.25	4.50	7.14
September...						3.79	2.80	5.59	2.47	.92	4.27
October .....						3.32	3.42	3.13	5.21	4.56	5.61
November...						2.44	4.49	4.26	4.60	4.83	3.89
December...						3.68	1.46	2.88	3.22	7.39	3.28
TOTALS...						35.20	35.68	38.82	42.31	37.48	41.24

1925. N.P. Gauge leaking.  
1926. Gauge moved as shown on exposure diagram overleaf. June 1926  
Gauge repaired See file 694353/26  
Inspected by W. S. S. 5/4/27 see green file.  
1930. G. moved Sept. 1-30 about 1/4 m. S.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926			Dunmurry (GNB)	1/2 m.	N	Dunmurry (St. Colman)	1/2 m.	NE
000421								



RAINFALL at Belfast, Queen's University

County of Antrim

Observer Mr. G. Robinson

River Basin Belfast Lough - 1

J. A. Badger (1925)  
(per Murphy, 1922)

Chenwood Rain Gauge, by

345

Diameter ...	5			5		5"						
Height .....	1 0			1 0		1' 0"		1 2				
Altitude ...	62			62		68'						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	5.53	5.88	4.55	4.13	5.27	2.81	5.35	4.08	6.25	2.23	4.28	50.36
February ...	2.19	.67	3.52	6.88	1.15	4.14	3.71	1.92	4.79	3.74	.87	33.58
March .....	3.19	2.55	1.39	2.28	1.68	1.01	1.40	2.59	3.88	.62	1.97	22.56
April .....	3.00	1.03	4.05	3.68	2.74	4.99	2.31	1.37	1.64	.79	1.32	26.92
May .....	3.94	1.77	2.06	1.35	5.23	5.70	2.45	1.64	1.36	2.49	1.45	29.44
June .....	2.54	.16	2.10	.72	3.70	.60	2.57	3.66	4.01	2.29	2.23	24.58
July .....	3.02	3.75	3.51	2.89	3.80	3.94	3.51	3.11	2.71	2.90	3.23	36.37
August .....	1.96	4.29	3.62	6.60	4.25	1.68	3.41	3.83	3.02	4.46	6.03	43.15
September...	2.88	1.81	2.62	3.78	5.52	3.61	2.64	5.63	2.42	.73	4.55	36.19
October .....	7.08	4.63	1.45	4.27	2.26	3.44	4.31	3.23	5.69	4.23	5.62	46.21
November...	2.13	3.87	1.23	4.29	3.09	2.42	4.31	4.88	5.47	4.69	4.27	40.65
December...	5.43	3.03	2.49	4.55	5.27	4.20	1.44	3.26	3.95	7.58	3.25	44.45
TOTALS...	43.89	33.44	32.59	45.42	43.96	38.54	37.41	39.20	45.19	36.75	39.07	434.46

1925. Nut 8' high, 15' East.

Inspected by W. Green 11/4/27 see green file.

1927. Tree 45 ft. high 20' E. Nut 10 ft. high 15 ft. W.

1145  
near  
39.49

Hydro No. 970129

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1929	54°35'	5°56'	Chenwood	1500 <sup>x</sup>	NNW.	Chenwood	3007 <sup>as</sup>
				1 m.	N by W.		50 <sup>x</sup>
						000420	











N. O. pattern Rain Gauge, by .....

1927. N. E. See File 764157/27.  
~~1928. Low np.~~

(1383) Wt. 1671—6044. 10,000. 4/21. J. T. & S., Ltd. 160.



## Observer \_\_\_\_\_

(1926) E. S. Pinkerton Esq.  
R. B. Donald Esq.

2

obs. says 26 ft. above ord. datum

(<sup>o</sup>1383) Wt. 1671—6044. 10,000. 4/21. J. T. & S., Ltd. 160.



RAINFALL at Belfast. Carr Hill Rd

County of Antim Observer Wm. C. Gird

River Basin Belfast Lough - 1

Snowdon Rain Gauge, by \_\_\_\_\_  
(125)

Diameter ...	5			5							
Height .....	1 0			1							
Altitude ...	200			200							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.60	6.51	3.88	4.52	4.76	3.25	4.91	4.44	7.07	2.15	4.12
February ...	2.17	.78	4.23	5.27	1.16	4.13	4.57	1.69	4.63	3.72	.94
March .....	3.28	3.37	1.65	2.53	2.00	1.86	1.81	2.80	3.65	.81	1.95
April .....	3.03	1.50	3.73	3.74	3.38	4.04	2.49	1.68	1.67	1.58	1.80
May .....	3.83	2.20	1.91	2.16	5.49	6.68	2.81	1.73	1.69	2.98	2.00
June .....	3.45	.41	2.54	1.23	4.61	.60	2.34	4.47	4.81	2.94	2.30
July .....	3.13	3.64	3.91	2.83	3.91	4.59	4.22	3.07	2.85	3.93	3.34
August .....	2.57	4.10	4.35	7.14	5.44	2.13	4.14	3.43	4.27	5.93	6.52
September...	2.52	1.78	2.68	4.50	5.99	4.55	2.76	5.85	2.41	1.10	4.84
October .....	6.56	4.54	1.97	4.72	2.71	3.84	4.34	3.45	6.41	4.86	5.94
November...	3.76	4.09	1.77	3.64	4.08	2.10	3.87	4.35	5.43	5.21	4.77
December...	5.71	3.63	3.45	5.20	4.77	4.11	1.36	2.85	4.17	7.16	3.48
TOTALS...	45.91	36.55	36.07	47.48	48.30	41.88	39.62	39.81	49.06	42.37	42.00

New measure III/23  
1927. Inspected April 11<sup>th</sup> - File 764156/27 g. situated on rough lawn within a yard of a rose hedge. g. to be moved a yard further from hedge, giving a slight improvement in the exposure. Hour of obs<sup>n</sup> 8.30. New g. recommended, also change of observing hour to g.h. g.m. T., and moving of g. as suggested by inspector.  
1927. Gmms June 3<sup>rd</sup> 335.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1927	54°37'40"	5°56'40"					
						000415	



RAINFALL at Belfast Old park filter

County of Antrim

Observer J.W. McCullough Esq C.B.

River Basin Belfast Lough - 1

C.B. Wheeler (Belfast WW Engl)

Rain Gauge, by \_\_\_\_\_

\_\_\_\_\_

Diameter ...	5			5							
Height .....	3.6			3.6							
Altitude ...	203			203							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.98	5.42	4.62	4.84	5.06	3.16	5.09	3.57	7.63	2.29	4.80
February ...	1.83	.57	3.84	6.39	.85	4.15	4.80	1.75	4.61	4.23	.90
March .....	5.92	2.24	1.28	2.53	1.36	1.24	1.52	2.65	3.74	.57	2.03
April .....	2.50	.89	3.62	3.28	3.15	3.89	1.93	1.26	1.46	1.28	2.01
May .....	3.40	1.52	1.67	1.43	5.12	6.23	2.30	1.43	1.65	2.93	2.02
June .....	2.96	.21	2.18	0.49	4.32	.41	1.97	3.91	4.83	3.12	2.35
July .....	2.37	3.22	3.52	1.60	4.42	3.96	3.74	2.93	2.35	3.51	3.34
August .....	2.17	3.18	3.63	7.40	5.71	1.70	3.67	3.10	3.82	5.67	6.41
September...	2.36	1.71	1.98	4.34	6.93	3.96	2.23	5.42	2.13	.83	4.51
October .....	6.57	4.21	1.82	5.80	3.00	3.47	3.85	3.66	7.38	4.33	6.03
November...	3.26	4.97	1.39	4.20	4.17	1.86	4.18	4.84	5.61	5.10	5.39
December...	5.67	3.73	2.86	5.78	4.83	4.68	1.05	2.91	4.55	7.62	4.24
TOTALS...	40.59	31.87	32.41	48.08	48.92	38.71	36.33	37.43	49.76	41.48	44.03

N.B. Old g. to be check, N. 8, in 1931.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925	54° 38'	5° 57'	Belfast.				
						000414	



*Rain Gauge, by*



RAINFALL at Belfast, Cliftonville, Deerpark Rd, "Walden",

County of Antrim Observer J. B. Palmer, Esq.

River Basin Belfast Lough. - 1.

Snowdon Rain Gauge, by \_\_\_\_\_  
(125)

Diameter ...					- 5						
Height .....					1 - 0						
Altitude ...					185						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...						3.07					
February ...						4.13					
March .....						1.72					
April.....						4.72					
May .....						6.72					
June .....						4.7					
July .....					imp.	4.46					
August .....					5.09	2.00					
September...					5.94	4.40					
October.....					2.64	3.88					
November...					3.87	2.20					
December...					4.51	4.77					
TOTALS...					imp.	42.54					

1924. Gauge installed on July 26<sup>th</sup>.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1924			Belfast					
						000412		



RAINFALL at Whiteabbey (Knockinagh)

County of Antrim

Observer J.H. Chisholm

River Basin Belfast Lough 1

Inverdon Rain Gauge, by \_\_\_\_\_  
(125)

Diameter ...				5							
Height .....				10							
Altitude ...				200							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...				4.17	4.02	3.06	4.40	3.60	6.79	2.27	4.97
February ...				5.58	1.05	3.85	3.85	2.06	4.30	3.70	.70
March .....				1.99	1.85	1.34	1.78	2.58	3.73	.69	2.23
April .....				3.46	2.98	3.60	2.34	1.76	1.67	1.35	1.60
May .....				1.83	4.73	6.48	2.29	1.64	1.39	2.66	2.02
June .....				1.02	3.49	.42	2.07	3.84	4.36	3.11	1.71
July .....				2.52	3.83	3.55	4.04	2.85	1.95	2.88	3.37
August .....				6.03	3.84	1.77	5.03	2.84	3.93	5.87	6.25
September...				4.24	5.53	3.71	2.65	5.70	2.28	1.07	4.69
October .....				4.15	2.18	3.30	3.81	3.13	6.59	4.57	5.47
November...				3.54	3.60	2.01	4.53	4.04	5.63	5.37	4.61
December...				4.62	4.17	4.05	1.39	2.83	4.37	8.43	4.33
TOTALS...				43.19 D	41.27 D	37.14 D	38.18 D	36.87 D	46.99 D	41.97 D	41.95 D

1925. Small tree 20' high, 25' S.  
Bushes etc, 5'-10' " , 20'-30' surrounding.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map \_\_\_\_\_

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925	54° 41'	5° 55' W	Whiteabbey	$\frac{3}{4}$ m.	E.	Larne money	1 m.	W.
							000411	



RAINFALL at Barrickfergus Dorishland

County of Antim

Observer J. W. McCulloch by C.F.  
(Belfast W.W.I.)  
(C.F. Wheeler, C.F.)

River Basin Belfast Lough - 1

See over Rain Gauge, by

(Old Gauge)

Diameter ...	5			5						5	
Height .....	3.0			3.0			3.7			3.7	
Altitude ...	250							225	250	250	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.23	5.10	3.52	3.63	3.44	2.88	3.55	3.75	5.87	1.55	3.58
February ...	2.10	.60	3.51	5.07	1.10	3.24	3.36	1.70	3.88	2.65	.45
March .....	1.50	2.61	1.57	1.19	1.28	1.30	1.26	2.55	3.61	1.54	1.62
April .....	2.41	.84	3.58	3.30	2.65	3.23	2.59	1.99	1.49	1.38	1.15
May .....	3.65	1.75	2.01	1.85	4.35	5.54	2.29	1.88	1.22	2.33	1.62
June .....	3.39	.31	2.12	0.99	3.25	.82	1.77	4.52	4.60	2.72	2.00
July .....	2.49	3.07	3.27	3.05	4.48	3.30	3.54	2.95	2.07	2.93	3.90
August .....	2.83	3.08	3.60	6.50	4.97	1.45	4.00	2.30	4.17	5.39	6.00
September...	3.05	1.81	2.62	4.12	5.40	3.99	2.65	4.17	2.07	.85	4.43
October .....	5.92	4.05	1.47	3.54	2.00	2.92	4.46	3.38	6.14	4.25	5.12
November...	3.16	3.96	1.66	3.13	2.98	1.32	4.15	4.17	5.46	4.33	3.38
December...	5.01	3.66	2.82	4.82	3.22	3.69	1.42	1.84	3.33	7.06	3.65
TOTALS...	39.74	30.84	31.75	41.19	39.12	33.68	35.04	35.20	43.97	35.98	36.90

1926 Letter 2 7.6.26 "Gauge is situated under a steep hill or escarpment and also below the high embankment of a Reservoir which is formed on the side of the hill"  
"Roof of gauge slopes to SE" f664992/26.  
S. tested found watertight.

1928. Painted with ?

1929. N. P. G. in bad position. Record will probably cease.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

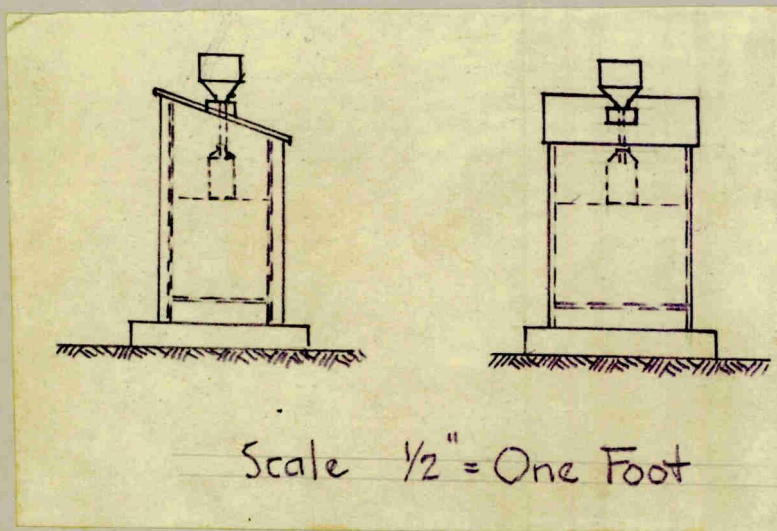
No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	54° 43'	5° 51'	Barrickfergus	2 m	W x N.			
							000409	



Carrigfuegas, Donland 1926



(New gauge)

1929. This new G. is set up immediately beside old G.  
1930. Overexposed. Record will probably cease.

Reference No. ....

0 0 0 4 0 8



RAINFALL at Barrickfergus South Woodburn

County of Anttrim

Observer J. W. McCallough Esq. C.  
(Belfast W. W. Co.)

River Basin Belfast Lough - 1

Rain Gauge, by \_\_\_\_\_

(C. F. Wheeler. C.E.)

(Old Gauge)

Diameter ...	5			5							
Height .....	3 0			3 0							
Altitude ...	640			640							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.86	5.71	3.79	4.78	4.10	3.94	6.47	3.45	6.43	2.28	4.08
February ...	2.54	.85	3.75	5.63	1.34	5.31	5.09	2.42	3.35	3.09	.48
March .....	2.81	2.86	1.39	1.47	2.00	1.62	1.20	2.70	4.54	.59	2.39
April .....	3.17	1.09	3.44	3.75	3.13	4.55	3.14	2.14	2.09	1.79	1.33
May .....	3.88	2.60	2.00	1.80	5.08	6.56	2.72	1.77	1.31	3.21	2.07
June .....	3.58	.41	2.53	1.04	3.66	.74	2.32	4.97	5.69	3.40	2.07
July .....	3.25	4.35	4.07	3.64	5.70	3.99	4.42	4.23	2.28	3.27	5.71
August .....	3.62	3.45	4.62	6.97	5.54	2.43	4.68	3.27	4.85	7.01	7.27
September...	3.62	2.12	4.43	4.60	5.99	3.92	2.83	5.51	2.36	1.14	5.17
October .....	6.85	4.31	1.77	5.02	2.78	4.02	5.08	3.96	8.07	4.74	6.19
November...	3.89	5.09	2.63	2.72	3.73	1.94	5.38	5.35	6.18	4.93	4.60
December...	6.13	3.88	3.64	9.05	5.99	4.25	1.82	2.63	3.73	8.60	4.26
TOTALS...	48.20	36.72	37.46	50.47	49.04	43.27	45.15	42.40	50.88	44.05	45.62

1930. Check, N. S. in 1931.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series					No. of Map _____		Reference No. _____	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925	54° 44'	5° 52' W	Barrickfergus	3 1/2 m	W.			
						0004071		



(New Gauge)

6220 me. of 2.476 to give approx value for 6221

Reference No. ....











RAINFALL at Barrikerferry Copeland

County of Antim

Observer W. Macdonald  
(Belfast W. W. H.)  
(E. F. Wheeler)

River Basin Belfast Lough - 1

See diagram Rain Gauge, by  
on back of  
Dorisland sheet

Old Gauge

Diameter ...	5			5							
Height .....	3 0			3 0			3.2 1/2				
Altitude ...	424			424				427			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.44	4.65	2.28	2.95	4.13	2.22	3.95	3.10	6.22	2.26	3.95
February ...	1.86	.57	3.35	5.58	.83	2.75	3.66	1.93	3.48	3.28	1.44
March .....	2.41	2.41	1.37	1.33	1.43	.99	.81	2.00	4.36	.67	1.61
April .....	2.17	.83	3.10	3.16	2.72	3.18	2.29	1.46	1.81	1.45	1.68
May .....	3.05	2.14	2.08	1.48	4.12	5.46	1.88	2.01	1.13	2.12	1.49
June .....	3.67	.28	1.69	0.67	2.80	.69	2.17	4.38	5.39	2.87	2.20
July .....	3.03	3.83	4.07	3.30	4.61	3.10	3.55	3.47	2.24	2.58	3.96
August .....	3.00	3.61	3.60	5.98	4.34	1.48	3.59	1.62	4.18	5.95	5.77
September...	3.53	2.05	2.71	3.75	5.47	3.29	2.41	5.16	2.07	1.95	4.96
October .....	6.41	3.63	1.24	3.07	1.78	3.06	4.40	3.76	6.98	3.93	5.31
November...	2.93	3.94	1.22	2.32	3.29	1.55	4.57	4.71	7.51	4.85	4.09
December...	4.65	2.80	2.42	4.27	3.47	3.73	1.46	2.61	4.00	7.51	3.59
TOTALS...	41.15	30.74	29.13	37.86	38.99	31.50	34.74	36.21	49.37	38.42	39.05

1926. Letter d. 7.6.26. "The Copeland gauge has a hill rising to the west of it, & this may possibly account for the low rainfall particularly as the wet winds are westerly here".  
"Roof of gauge slopes to N." Gauge tested found watertight (f 664 992/26)

1927. Printed with ? - See File 664 992/26.

1930. Old gauge to be check. N. P. in 1931.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1925	54° 45'	5° 47' W.	Barrikerferry	2 1/2 m.	N. E.		
						000403	



RAINFALL at Carrickfergus Copeland

County of Antrim Observer C. F. Wheeler (Belfast N.W.)

River Basin Belfast Lough 1

Rain Gauge, by

New Gauge.

Diameter ...									5		
Height .....									1' 0"		
Altitude ...									427		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...									6.60	2.30	4.50
February ...									3.86	3.19	.55
March .....									4.62	.68	1.86
April .....									2.05	1.59	1.80
May .....									1.17	2.37	1.75
June .....									5.34	3.14	2.42
July .....									2.28	2.86	4.21
August .....									4.26	6.46	6.43
September...									2.29	1.18	5.22
October .....									6.78	4.49	6.05
November...									6.83	5.20	4.61
December...									3.96	8.11	3.45
TOTALS...									50.04 D	41.57 D	42.85 D

1928. This gauge is established at a point 300 yds North of old gauge + approx. at same level.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
						0 0 0 4 0 2	



RAINFALL at Barrickfergus LonghouseCounty of AntimObserver L. F. WheelerRiver Basin Belfast Lough - 1(Belfast W. Wns.)  
(L. F. Wheeler)

Rain Gauge, by \_\_\_\_\_

(Old Gauge)

Diameter ...	5			5							
Height .....	3.0			3.0							
Altitude ...	596			596							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.96	5.40	3.85	3.84	4.61	2.91	4.96	4.58	7.10	2.09	4.12
February ...	2.62	.69	3.64	6.07	1.03	3.49	4.47	2.25	3.69	3.07	.49
March .....	2.71	3.06	1.62	1.68	1.48	1.29	1.42	2.63	5.04	.55	1.86
April .....	2.54	1.06	3.44	3.49	3.03	4.11	2.68	1.64	2.03	1.48	1.76
May .....	3.89	2.50	2.30	1.87	4.55	6.53	2.47	1.86	1.21	2.57	1.91
June .....	3.77	.31	2.32	0.81	3.47	.73	2.38	4.74	5.63	3.20	2.43
July .....	3.39	4.57	4.67	3.59	5.47	3.45	3.91	3.74	2.36	2.88	4.76
August .....	4.00	3.99	4.09	7.26	4.91	2.25	4.50	2.00	4.68	6.74	6.86
September...	3.68	2.18	3.35	4.35	6.03	3.81	2.67	5.55	2.59	1.09	5.23
October .....	7.17	4.13	1.75	3.64	2.39	3.93	4.66	4.03	7.68	4.28	5.70
November...	3.03	4.36	1.88	2.95	3.71	1.79	5.78	4.94	6.96	4.94	4.47
December...	5.61	3.60	2.84	4.81	4.37	4.39	1.77	3.19	3.85	8.42	3.76
TOTALS...	47.37	35.85	35.75	44.36	45.05	38.68	41.67	40.95	52.82	44.31	43.35

1930. Old gauge to be checked, N. S., in 1931.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map \_\_\_\_\_

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	54° 46'	5° 48'	Barrickfergus	3 in	N.			
						000401		



Observer Belfast, W.W.

L. F. Wheeler, Esq. L. E.

(New Gauge)

1929. This new g. is set up about 120 yds. S.S.E. of the old Loughmoeone gauge.

$$\begin{array}{rcl} 6226 & 1929-32 & = 174.99 \\ 6227 & & = 16642 \end{array} \left. \vphantom{\begin{array}{rcl} 6226 & 1929-32 & = 174.99 \\ 6227 & & = 16642 \end{array}} \right\} \begin{array}{l} 105.1 \\ 100 \end{array}$$

Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
						0 0 0 4 0 0		



RAINFALL at Larne Sallyh Springs

County of Antrim

Observer W. G. Younger Esq Clerk to Council

River Basin Glenswilly & C. - 2

J. K. H. Lunn Esq. L.C. (125)  
(obs. J. V. Jackson)

Glaisher Rain Gauge, by (129)

Diameter ...	5												
Height .....	1 0												
Altitude ...	566			566									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS		
January ...	5.18	7.26	6.10	5.24	5.77	3.82	6.76	5.67	9.54	2.91	5.96	Totals. 64.21	
February ...	3.87	.87	5.17	8.09	2.47	4.93	5.40	3.30	5.07	3.74	.79	43.70	
March .....	4.24	3.89	2.54	2.53	1.59	2.42	2.40	3.94	6.09	.70	2.98	33.32	
April .....	3.78	1.44	4.43	3.77	3.65	5.66	2.56	2.36	2.34	1.64	1.84	33.47	
May .....	5.45	3.11	1.57	2.34	5.40	7.74	3.36	2.22	1.46	3.51	2.58	38.74	
June .....	4.77	.28	2.46	1.48	2.97	.56	2.82	5.05	8.85	2.85	2.79	34.88	
July .....	4.61	5.58	4.55	3.46	6.87	3.91	4.26	4.09	2.50	3.76	4.14	47.73	
August .....	3.52	4.41	4.35	7.78	5.06	1.97	5.27	3.54	6.32	6.34	8.13	56.69	
September...	3.46	1.81	3.56	5.05	7.20	4.40	3.57	6.70	3.43	1.11	5.28	45.57	
October .....	5.64	4.33	1.15	5.19	3.18	4.88	4.70	4.11	8.44	6.28	7.78	58.68	
November...	4.99	6.03	2.79	4.20	4.33	2.87	6.69	5.77	8.72	7.33	6.27	59.99	
December...	7.44	6.47	4.58	5.84	5.99	5.22	2.35	3.71	5.81	11.49	5.01	63.91	
TOTALS...	59.95	45.48	43.25	54.97	54.48	48.38	50.14	50.46	68.57	51.66	53.55	580.89	4206

1927. No objects near g. except low stone walls several yards away.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
			<u>Larne</u>	<u>4 1/2 mi</u>	<u>SE.</u>	<u>Larne</u>	
							<u>0 0 0 3 9 9</u>



RAINFALL at Glenasmole

County of Dublin Observer Mr. J. Smith

River Basin Glenasmole &c - 2 J. Daly 1924

(1926) N.O. Rain Gauge, by for Board of Agriculture

Diameter ...	5			5		4"		4		4	5
Height .....	1 0			1		1' 0"	1 4	1 2	1 6"	1 3	1 6
Altitude ...	70			70		20'	30	30		30	35
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	5.69	7.93	5.25	4.73	6.03	3.56	6.84	6.07	2.66	2.71	5.76
February ...	4.99	6.69	4.75	8.90	1.92	5.15	4.15	2.65	5.29	3.45	1.36
March .....	4.70	3.76	2.10	2.09	1.91	2.40	2.70	3.03	5.90	6.66	3.01
April .....	3.66	1.71	5.22	3.69	2.54	5.17	1.76	2.68	2.27	1.29	2.42
May .....	4.94	2.45	2.08	2.21	5.64	5.39	2.39	2.74	1.15	3.41	2.48
June .....	3.34	2.29	1.93	1.32	2.74	1.13	2.29	3.56	9.45	2.58	3.21
July .....	3.91	3.26	3.68	2.33	5.00	2.28	3.77	3.22	2.31	2.27	4.25
August .....	1.93	4.01	4.58	3.73	4.26	1.48	4.18	3.75	5.09	6.31	8.17
September...	3.40	1.69	2.98	5.57	6.47	3.99	3.71	6.18	3.33	1.16	4.19
October .....	7.14	4.38	1.36	5.47	1.97	3.97	4.60	4.58	7.77	6.23	7.24
November...	3.82	5.81	2.43	3.63	3.67	2.48	6.51	5.79	8.98	6.64	6.92
December...	6.01	4.27	3.47	5.53	5.84	4.56	2.58	2.60	6.45	10.70	3.78
TOTALS...	53.53	40.25	39.83	49.20	47.99	41.56	45.48	46.85	66.65	47.41	52.79
	D	D	D	D	D	D	D	D	D	D	D

1925. Apple trees 9' high. 10' all round.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
	55°	6°	Carne	12 mi	S.	St. Patrick's	5 mi NE
							000398



RAINFALL at Ballycastle (Magherintemple)

County of Antrim

Observer Roger Casement

1928 Capt J. Casement D.S.O. R.N.

River Basin Bush 56-3

J. O. Rain Gauge, by  
(1929)

Diameter ...				5							
Height .....				1 7				1 0			
Altitude ...				220				230			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...				4.30	3.97	3.56	5.65	5.88	6.97	1.51	4.12
February ...				8.25	2.24	5.24	2.79	1.74	4.35	2.32	1.34
March .....				1.25	.87	3.22	2.04	2.13	3.37	.33	2.22
April .....				3.78	2.86	5.49	1.62	3.12	1.31	1.14	2.99
May .....				2.70	4.43	4.12	2.83	2.70	.70	2.64	(1.90)
June .....				1.72	2.13	1.37	2.41	3.89	5.07	2.95	2.68
July .....				4.11	5.27	4.66	4.20	3.07	1.66	2.81	3.47
August .....				6.15	5.16	1.76	3.82	3.01	4.44	5.36	7.55
September...				5.85	6.79	3.99	4.70	5.26	3.94	1.53	2.62
October .....				5.86	2.26	3.52	7.23	3.80	6.83	6.20	7.96
November...				5.51	3.32	3.21	6.11	5.51	5.75	6.76	5.47
December ...				6.16	4.93	4.51	2.92	2.93	4.81	8.34	3.27
TOTALS...				55.64	44.23	44.65	46.32	43.74	49.20	41.89	45.59
				D	D	D	D	D	D	D	D

1927. Garden wall 10ft. high, 40ft. E.  
1928 Gooseberry Bushes 3' high. Nearest, 6'E.

Position of Station on reduced Ordnance Survey } No. of Map  
Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925.			Ballycastle.	2 1/2 mi	N.W			
1929			do.	2 1/2 m.	N.W.	Culfeightrin	1 m.	N.E.
							0 0 0 3 9 7	



RAINFALL at Ballycastle, Sheskeburn.

County of Antrim Observer Rev. Ed. F. Campbell.

River Basin - 3.

Howard Rain Gauge, by

Diameter ...			5	5							
Height .....			.11	.11							
Altitude ...			10	10							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...				4.53	3.08	3.61	5.83	6.38	6.91	1.51	
February ...				6.79	2.12	4.78	2.75	1.61	3.93	2.02	
March .....				1.19	.64	3.41	2.65	3.00	2.61	.38	
April .....				2.91	2.62	4.75	1.61	3.41	1.23	1.19	
May .....				2.81	4.54	4.23	3.62	2.54	.63	2.62	
June .....				1.69	2.40	1.50	2.07	3.43	5.01	2.65	
July .....				4.41	5.24	4.68	4.20	3.26	1.34	2.95	
August .....				5.92	5.16	1.76	3.82	3.31	4.47	5.36	
September...			nip.	5.40	6.69	3.91	4.91	4.87	3.94	1.53	
October .....			.88	3.94	2.40	3.61	7.15	3.86	5.53	6.37	
November...			3.29	5.41	2.96	3.10	4.83	4.48	5.73	6.39	
December...			3.05	6.55	4.44	5.31	2.86	2.16	4.01	9.06	
TOTALS...			nip.	51.55	42.29	44.65	46.30	42.31	45.84	42.03	# 25039/30.

1922: House 35' hgt, 27 yds. N  
Holey 15' " 10 " E  
Furcia 6' " 9 " W

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1922	55.12	7.45	Ballycastle	1/8 mi.	W	Ballycastle	1/2 mi. W
1923	56.13	7.65				"	1/2 " W
						000396	



RAINFALL at Stoneyford Belfast WW

County of Antim

Observer J. McCallaghan

River Basin L. Neagh F. 5

(C. F. Wheeler)

Rain Gauge, by

Belfast WW Eng.

(Old Gauge)

Diameter ...	5			5							
Height .....	6			6							
Altitude ...	437			437					450		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.31	5.45	3.81	3.17	3.38	2.55	4.48	2.69	5.93	1.79	3.76
February ...	2.06	.77	3.74	4.63	.89	3.86	3.08	1.65	3.62	2.78	1.06
March .....	3.33	2.24	1.47	2.02	1.18	1.43	1.04	2.22	2.97	.47	1.86
April .....	2.53	1.26	4.00	3.10	2.62	2.91	2.11	1.69	1.15	.80	1.67
May .....	3.51	1.98	2.06	1.59	4.26	4.29	2.16	1.17	1.47	2.38	1.66
June .....	2.62	.46	2.56	1.26	4.47	.64	1.96	3.42	3.81	2.87	2.40
July .....	2.72	3.54	1.88	2.33	4.29	5.97	5.39	3.40	2.20	2.89	3.48
August .....	2.70	3.64	4.52	6.37	5.93	1.93	3.87	4.92	4.31	5.57	6.76
September...	2.80	1.36	2.33	3.38	4.60	4.19	2.43	5.30	2.43	.99	4.19
October .....	6.89	3.24	1.63	3.94	2.37	2.93	3.54	3.27	4.84	4.60	4.61
November...	3.45	2.90	1.41	3.63	2.67	2.34	3.87	3.64	4.10	4.25	3.72
December...	4.52	2.96	2.87	4.11	3.22	4.40	1.23	2.43	3.02	5.77	3.56
TOTALS...	41.44	29.80	33.28	39.53	39.88	37.44	35.16	35.80	39.85	35.16	38.73

1930 . Old g. to be check. N. S. in 1931.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925	54° 34'	6° 8' W	Lisburn				
						000395	



(New Gauge)

1929. This new g. is set up about 700 yds. to the N. E.  
of the old gauge.

Reference No. ....

(\*1383) Wt. 1671—6044. 10,000. 4/21. J. T. & S., Ltd. 160.



## METEOROLOGICAL OFFICE.

## RAINFALL

Station Aldergrove [Pre-war RAF Main Camp] No. 97-955821  
 County Antrim (Old No. 6233)  
 Authority Meteorological Office Grid Ref. iJ(33) 153802  
 Altitude 72 metres (236 ft. B)  
 River Basin BANN  
 File TF / (MWR) / m / a Tributary Sixmile - Lough Neagh

YEAR	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
January ...							2.98	5.14	1.66	4.08	
February ...							1.32	3.32	2.91	1.13	
March ...							2.28	3.10	.41	1.78	
April ...							1.37	1.68	1.19	2.52	
May ...							1.26	1.20	2.69	1.51	
June ...						#	3.94	3.72	2.90	2.28	
July ...						inc.	4.09	2.54	2.67	3.63	
August ...						3.62	4.08	4.57	6.08	5.90	
September ...						2.62	4.84	2.78	1.40	3.62	
October ...						3.76	2.54	5.61	4.92	4.82	
November ...						4.33	3.68	4.11	4.30	3.33	
December ...						1.12	2.11	3.24	5.71	3.10	
TOTAL ...						inc.	34.49	41.01	36.84	37.70	
Percentage ...											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

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

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

1926 Stevenson Screen 6' e 12' 090°; open fence 4' e 6' S. and W.; wind screen 6' e 24' 360°; Building 15' e 70' 070°.

54° 39' 24" N 6° 12' 54" W Aldergrove Hwy stn 1¼ mi 220° Killadea Ch. 5/8 mi 180°

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

10yr sheet reconstructed in Met 086  
 following retrospective action to  
 allocate Hydrometric No. KW  
20.6.75



RAINFALL at Randalstown, Hollybrook  
County of Antrim Observer N. F. Webb, Esq.  
River Basin Bann, Lough Neagh, E.-5  
Rain Gauge, by \_\_\_\_\_

Diameter ...										5	
Height .....										10	
Altitude ...										120	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...										1.69	4.35
February ...										3.24	.86
March .....										.42	2.44
April.....										1.60	2.44
May .....										2.98	1.60
June .....										3.10	2.60
July .....										2.37	3.93
August .....										6.27	6.89
September...										1.27	2.98
October.....										5.94	6.21
November...										3.65	3.69
December...										5.82	3.53
TOTALS...										38.35	41.52

1929. Larch tree, 25-30 ft. high, 60 ft. N.W.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1929.			Randalstown,			000392	



RAINFALL at Antrim Ardaraigh

County of Antrim

Observer St B Murray Esq.

River Basin L. Hugh. E. — 5

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	2	0	1	6							
Altitude ...	210										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.66	4.41	3.82								
February ...	1.92	.79	3.29								
March .....	2.53	1.98	1.79								
April .....	2.41	.89	3.62								
May .....	2.85	2.15	1.89								
June .....	2.50	.40	1.89								
July .....	3.20	3.45	3.51								
August .....	2.58	2.94	3.00								
September...	2.84	1.08	2.17								
October .....	5.45	3.04	1.55								
November...	2.94	3.25	1.60								
December ...	3.45	3.13	2.63								
TOTALS...	36.33	27.51	30.76	#							

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			<u>Antrim</u>	<u>1 mi</u>	<u>S.</u>	<u>Antrim</u>	<u>1 mi</u>	<u>S.</u>
						000391		



RAINFALL at Ballymena HarryvilleCounty of AnttrimObserver J R Williams EsqRiver Basin L. Leagh. E. - 5

Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5									
Height .....	1 4 $\frac{1}{2}$			1 4 $\frac{1}{2}$									
Altitude ...	150			150									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		Totals.
January ...	5.09	5.45	5.24	4.45	4.11	3.17	4.98	4.04	7.41	1.95	4.70		50.59
February ...	2.74	1.44	4.78	4.73	1.93	3.72	3.32	1.93	3.99	3.24	.97		32.79
March .....	3.75	3.70	2.27	2.31	1.09	2.59	2.22	2.97	4.22	.51	2.72		28.35
April .....	2.77	1.47	4.00	3.37	2.48	4.26	2.05	2.54	2.31	1.68	2.21		29.14
May .....	3.88	3.52	1.86	2.67	6.15	5.30	3.48	1.95	1.38	3.38	1.94		35.51
June .....	2.37	.67	2.44	1.90	4.08	1.23	2.50	4.42	5.57	3.05	2.42		30.65
July .....	4.95	4.63	3.86	3.61	5.76	4.49	4.94	3.55	3.20	2.75	4.11		45.85
August .....	2.86	4.02	3.80	6.21	6.45	2.17	4.44	3.08	5.57	6.56	7.69		52.85
September...	4.11	1.53	3.28	5.07	5.64	4.63	3.50	5.48	3.21	1.37	3.07		40.89
October .....	5.79	3.49	1.77	5.31	2.99	3.57	5.10	4.11	5.89	6.75	6.90		51.67
November...	3.84	4.14	2.33	3.79	2.95	2.69	5.23	4.20	5.68	5.11	3.82		43.78
December...	4.79	4.33	3.58	6.04	4.91	4.10	2.05	2.02	4.18	7.08	4.04		47.12
TOTALS...	46.94	38.39	39.21	49.46	48.54	44.92	43.81	40.29	52.61	43.43	44.59		489.19
	D	D	D	D	D	D	D	D	D	D	D		924

new glass 1/4 in.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
	54° 52'	6° 18'	Ballymena					
							000390	



RAINFALL at Broughshane, Lullymore School

County of Antrim Observer E. W. Thomson Esq.

River Basin Bann, Lough Neagh E. 5

Holland Rain Gauge, by \_\_\_\_\_

Diameter ...							5				
Height .....							1.2				
Altitude ...							218				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...							5.15	4.09	7.57	1.68	4.44
February ...							3.21	1.81	3.44	2.66	.98
March .....							2.24	2.64	3.74	.44	2.17
April .....							1.80	2.02	1.57	1.04	2.07
May .....							3.20	2.22	1.36	3.35	1.64
June .....							2.44	4.45	6.44	3.11	2.18
July .....							4.31	3.30	3.24	2.73	3.39
August .....							4.98	2.81	4.78	6.08	8.02
September...							3.62	6.00	3.05	1.23	2.81
October .....							4.95	3.86	5.40	6.56	8.35
November...							4.89	4.50	5.66	4.95	4.27
December...	from Keshough Down 1/2.						2.00	1.65	4.27	7.33	3.94
TOTALS...							42.79	39.35	50.52	41.46	44.26

1926. House 2 story 30 ft. N.  
Out-house 8 1/2 ft. 6 cavels 24 ft. S.  
Walls 7 ft. high 15 ft. E. & W.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1926	54° 53'	6° 12'	Ballymena	3 1/2 mi	W	St. Patrick's	300 yds. S.W.
							000389



RAINFALL at Broughshane LoughCounty of AntimObserver H. O'Hara Esq. CkRiver Basin L. Neagh E — 5John Clark Ballymena.Glaisher Rain Gauge, by  
(125)

Diameter ...	5			5									
Height .....	1 3			1 3									
Altitude ...	864			864									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	4.96	6.32	4.75	5.17	3.32	2.94	5.55	4.85	6.37	1.58	4.06	Totals.	49.87
February ...	2.35	1.17	4.58	5.33	2.26	3.91	3.02	2.10	3.00	2.48	1.11		31.31
March .....	3.20	3.50	2.40	1.58	1.12	3.63	1.44	3.20	4.07	1.47	2.34		26.96
April .....	2.97	1.42	3.94	2.99	2.96	4.79	1.96	2.74	1.81	1.54	3.08		30.20
May .....	4.73	3.97	1.87	3.13	5.53	4.91	3.70	2.17	1.32	3.15	2.69		37.17
June .....	2.87	1.16	3.15	3.16	3.90	1.54	2.64	5.46	6.47	3.27	2.47		36.09
July .....	4.69	4.42	4.57	3.94	5.34	4.13	5.07	3.81	4.04	3.39	4.85		48.25
August .....	2.97	4.01	4.06	7.31	7.28	1.83	6.13	3.29	6.57	8.16	9.75		61.36
September...	4.57	1.96	2.97	5.75	6.48	5.31	3.98	6.85	3.49	1.60	4.37		47.33
October .....	6.42	3.59	1.57	5.55	2.62	3.89	5.26	4.47	5.62	7.50	8.55		55.04
November...	3.30	4.49	2.90	3.09	3.41	3.43	5.63	5.28	6.99	5.15	4.62		48.29
December...	4.75	4.73	3.77	8.70	3.70	4.12	2.67	2.31	4.88	6.58	3.52		49.73
TOTALS...	47.78	40.74	40.53	55.70	47.92	44.43	47.05	46.53	54.63	44.87	51.41		521.59

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 56'	6° 10'	Ballymena	5 mi	S.W.	Burham (Broughshane)	5 mi	S.
							0 0 03	8 8







RAINFALL at Londonderry Dunsinane

County of Londonderry Observer J. H. Welch

River Basin Lough Swilly - 1

Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5									
Height .....	.6			.6					1.0				
Altitude ...	130						150						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.	
January ...	4.61	4.16	3.73	4.81	3.40	3.58	5.02	6.22	8.26	1.15	3.93	48.87	
February ...	2.83	1.23	4.88	3.61	1.84	4.96	2.60	1.79	4.52	1.96	1.52	31.74	
March .....	3.66	4.33	1.91	1.88	.47	3.70	2.03	3.01	2.91	.52	3.08	27.50	
April .....	2.52	1.58	3.29	2.80	3.89	4.32	2.09	2.26	1.81	1.65	1.88	28.09	
May .....	4.07	1.98	2.13	2.55	4.37	3.87	4.81	1.39	1.05	2.16	1.55	29.93	
June .....	1.81	.65	3.19	1.96	2.77	1.18	3.20	3.63	5.06	3.64	2.52	29.61	
July .....	3.19	3.35	4.60	3.46	4.89	3.53	3.21	2.54	2.80	3.79	3.75	39.11	
August .....	2.96	3.87	3.25	6.26	5.77	2.16	3.40	3.27	6.68	6.16	7.57	51.35	
September...	3.57	1.70	2.32	5.68	5.99	3.98	3.97	5.04	4.84	1.67	2.73	41.49	
October .....	3.84	3.85	1.36	5.12	3.23	2.92	5.08	3.93	5.63	5.53	6.64	47.13	
November...	3.96	3.26	2.38	5.36	2.92	2.90	4.93	4.34	5.29	5.01	4.52	44.87	
December...	3.19	5.68	4.21	4.84	5.06	5.16	2.13	1.11	3.94	6.82	4.10	46.24	
TOTALS...	40.21	35.64	37.25	48.33	44.60	42.26	42.47	38.53	52.79	40.06	43.79	465.93	

1923. House. Height 30. Distance above 30. Direction N.W.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1923.			Londonderry	3 mi	SE	Culmore	2 1/2 mi
			"	1 1/4	S.S.W		N.E.
							000387



## RAINFALL

Station Moneydig  
County Londonderry  
Authority J. Porter  
File 9086/Belfast

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

YEAR	1921 <sup>†</sup>	1922 <sup>†</sup>	1923 <sup>†</sup>	1924 <sup>†</sup>	1925	1926	1927	1928	1929	1930	Means
January ...		(4.95)	(4.84)	(3.69)							
February...		(5.19)	(4.64)	(2.02)							
March ...		(1.87)	(2.35)	(.56)							
April ...		(3.88)	(3.03)	(4.46)							
May ...		(1.32)	(2.63)	(5.23)							
June ...	(.57)	(2.62)	(1.79)	(3.70)							
July ...		(4.01)	(2.95)	(3.51)							
August ...		(3.61)	(6.65)	(4.28)							
September		(3.03)	(5.93)								
October ...		(1.52)	(5.44)								
November		(3.28)	(6.04)								
December		(4.71)	(5.05)								
TOTAL ...		(39.99)	(51.32)								
Percentage											

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

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

Type and capacity of gauge

(5" dia.)

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

Earliest year with complete data (D : W : M) (see 1864-1911)

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

† See notes at foot of 1911-1920 decadal sheet. Origin doubtful.

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

Belfast 3/63:500:KW





RAINFALL at Garwegh (Moneydig)

County of Londonderry

Observer - Morrison, Esq

River Basin Benn Lower 3

Type of Gauge.....

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

Diameter	5										
Height	10										
Altitude	121										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means
January	5.20		4.95	4.84	3.69						
February	3.10		5.19	4.64	2.02						
March	4.13		1.87	2.35	.56						
April	3.23		3.88	3.03	4.46						
May	4.37		1.32	2.63	5.23						
June	1.67	.57	2.62	1.79	3.70						
July	2.57		4.01	2.95	3.51						
August			3.61	6.65	4.28						
September			3.03	5.93							
October			1.52	5.44							
November			3.28	6.04							
December			4.71	5.05							
TOTALS			39.99	51.34							

Rainfall values, 1920-24 partly inc. were received from the observ. M<sup>r</sup> J. Park, at Clonett. Dist. abt Moneydig (see also previous decade)

These values do not fit the 90 map & have probably been adjusted from Dunsraddh.  
H.P.

observations were carried on by Mr. H.P. Morrison's sons after he died in 1911

<i>Position of Station on reduced Ordnance Survey Map,</i>				<i>No. of Map.....</i>		<i>Reference No.....</i>	
<i>1 mile to 1 inch Series</i>							
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.



RAINFALL at Coleraine, Butts House.

County of Londonderry Observer Maxwell Given, Esq. B.P.

River Basin Bann, Lower - 3.

Glaisher Rain Gauge, by

Diameter ...						8"		8		8	
Height .....						1' 0"		1 3		1 3	
Altitude ...						20'		25	21	25	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...					3.79	4.07	6.01	5.69	7.65	1.50	4.13
February ...					1.89	3.98	2.87	1.64	4.08	2.36	1.19
March .....					1.12	3.59	2.99	2.84	3.83	.46	2.82
April .....					3.22	4.87	1.26	2.63	1.33	1.62	1.63
May .....					5.46	4.01	3.31	1.96	.98	2.66	1.30
June .....					2.32	1.46	3.49	3.50	5.67	2.49	2.35
July .....				3.74	4.19	5.17	2.82	2.86	2.15	3.18	4.05
August .....				4.88	6.09	2.48	3.11	4.17	5.07	5.51	7.00
September...				5.18	5.98	4.31	4.95	4.53	3.33	1.20	2.36
October .....				4.87	2.68	3.46	5.20	3.36	4.98	6.59	6.63
November...				5.33	2.57	2.36	5.49	3.89	5.09	4.80	4.56
December...				5.98	4.10	4.49	2.30	1.20	4.13	7.86	4.12
TOTALS...					43.41	44.25	43.80	38.27	48.29	40.23	42.14

1925. Wall 10' high, 40' N.W.  
House 70' " , 30' N.E.  
Wall 10' " , 60' S.E.  
" 10' " , 144' S.W.  
Trees 30' " , beyond wall.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925.	55° 6' 44"	6° 39' 24" W.	Coleraine	2 m.	N x E.	Killowen	1 1/4 m. N.
				0 0 0 3 8 5			



RAINFALL at Garvagh Woodbank House

County of Londonderry

Observer W. R. Maccausland

River Basin Bann, lower - S

Haward Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.0	1.6									
Altitude ...	350										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.18	4.56									
February ...	2.60	1.64									
March .....	3.40	4.37									
April .....	3.93	1.61									
May .....	4.58	3.09									
June .....	2.03	48									
July .....	4.40	3.93									
August .....	2.57	4.18									
September...	3.84	1.59									
October .....	7.14	4.26									
November...	5.78	4.71									
December...	5.59	5.59									
TOTALS...	57.98	40.01	*								

1920 Sundial 4 ft high of. SE.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	54° 58'	6° 42'	Garvagh	1200 yds	SE.	Garvagh	1500 yds S.
						000384	



RAINFALL at Glenedra Spelhoagh Mountain

County of Londonderry

Observer Ma Robinson

River Basin Foyle &c - 5  
Bradford pattern (1925)

City Eng<sup>r</sup> Londonderry

London Rain Gauge, by N. J.

W. Criswell, Esq. C.E. (1929)

Diameter ...	5			5							
Height .....	1			1 0							
Altitude ...	1333			1333							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.04	6.33	6.36	5.86	6.80	5.44	12.60	6.75	10.45	3.67	6.15
February ...	4.45	5.48	6.67	9.07	2.94	7.05	6.00	3.62	5.20	5.19	1.74
March .....	4.61	5.39	2.69	3.95	1.09	(4.50)	2.35	6.36	7.02	1.02	4.72
April .....	7.15	2.22	5.23	4.97	5.07	(7.60)	3.31	3.65	3.56	1.02	3.41
May .....	4.64	8.89	3.13	2.36	7.90	7.16	5.82	2.50	1.86	5.36	2.88
June .....	3.42	.42	3.47	2.30	3.98	1.37	3.70	4.95	7.31	4.17	2.89
July .....	5.45	5.01	5.39	3.61	7.10	(6.40)	4.37	6.23	3.00	4.33	6.76
August .....	3.81	5.87	(5.15)	8.95	7.52	4.00	6.26	5.07	12.44	9.49	12.37
September...	4.20	2.20	(4.43)	8.34	7.66	5.37	4.17	7.00	5.52	1.88	4.72
October .....	9.60	5.66	2.12	9.19	4.22	5.91	6.05	7.26	12.23	9.41	11.03
November...	7.59	6.54	3.58	6.53	5.12	4.92	8.15	6.05	7.92	9.29	8.13
December...	6.41	8.43	5.14	5.74	8.23	6.13	2.10	4.05	7.77	11.32	7.81
TOTALS...	69.37	54.44	53.36	70.87	67.63	65.85	64.88	63.49	84.78	66.15	72.61
			M	M		M		M	M	M	M

1920. Nothing seen. On a mountain slope facing N.W. Slope about 1 in 20.  
1925. Mar. April & July. corr'd by surr<sup>d</sup> stations.  
1929. A turf wall 1 ft. high, 5 ft. radius, was built around the gauge in June.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920.	54° 49' 50"	6° 54'	Dungannon	10 mi	N	Banagher	6 1/2 mi
						000383	N.W.



RAINFALL at Glenedra HillCounty of LondonderryObserver Mr. Robt. J. C.River Basin Fyle etc - 5City Eng. LondonderryLondonderry Rain Gauge, by R.B.  
H.O. Katterer (1/6/30)W. Criswell, Esq. L.D.S. (1929)

Diameter ...	5			5							
Height .....	1.0			1.0							
Altitude ...	1333			1333							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.66	8.66	6.47	8.27	5.01	5.60	11.54	9.34	11.01	2.15	6.10
February ...	5.79	1.99	6.95	6.23	4.05	7.79	6.06	3.58	6.76	2.89	1.91
March .....	7.53	7.01	3.24	4.01	.87	4.55	4.77	5.70	4.66	1.20	4.80
April .....	4.97	3.21	6.19	5.06	5.41	7.56	3.17	4.98	2.83	2.83	3.81
May .....	6.25	4.10	3.64	4.39	7.41	6.40	6.75	3.08	1.67	4.96	2.92
June .....	2.75	.77	4.09	3.74	4.26	1.64	3.59	6.10	6.68	5.04	2.96
July .....	5.75	4.81	4.86	2.81	7.02	6.44	5.38	4.58	3.85	4.59	6.08
August .....	4.38	6.23	5.18	9.01	9.40	3.36	6.15	5.71	10.15	10.70	11.78
September...	4.39	2.42	4.47	8.50	8.96	6.33	5.39	8.26	6.44	2.61	4.58
October .....	7.01	5.46	1.91	9.25	3.54	4.46	6.76	7.13	9.10	11.53	10.65
November...	6.90	4.80	4.24	7.46	5.54	4.62	9.45	6.27	9.07	9.27	7.68
December...	5.10	10.02	5.60	7.27	7.40	7.33	3.66	2.07	7.22	11.50	6.73
TOTALS...	69.50	59.48	56.84	76.00	67.97	66.08	72.67	66.80	79.44	69.27	70.00

1920  
Noting new. On a mountain slope facing S.E.

1929. a turf wall 1 ft. high, 5 ft. radius was built around the gauge in June.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 50' 18"	6° 55'	Dungannon	10 mi	N	Baragh	6 1/2 mi	N.E.



RAINFALL at Gledra Lodge

County of Londonderry

Observer W. A. Robinson Esq. Cl.

River Basin Fyle + C - 5

City Eng. Londonderry

howden Rain Gauge, by W. A. Robinson  
M.O. pattern (30.9.30)  
+ A

W. Criswell, Esq. L.E. (1929)

Diameter ...	5			5								
Height .....	1 0			1 0								
Altitude ...	950			950								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	7.66	7.33	5.89	6.58	5.44	5.42	10.74	7.55	10.46	2.38	5.62	Totals.
February ...	4.42	1.99	6.00	7.04	2.96	7.13	5.09	3.20	6.77	3.22	1.82	75.07
March .....	4.91	6.13	2.92	4.10	.94	3.52	3.05	5.82	5.10	.88	3.67	49.64
April .....	4.71	2.58	5.69	4.92	4.29	6.25	2.93	3.67	2.89	2.32	3.50	41.04
May .....	5.75	3.60	2.87	3.45	6.85	5.95	5.14	2.47	1.54	4.51	2.34	43.75
June .....	2.74	.43	3.12	2.56	3.38	1.27	3.36	5.85	6.23	4.07	2.43	44.47
July .....	4.61	4.42	4.56	3.26	5.92	5.43	4.27	5.24	2.73	3.98	5.09	35.44
August .....	3.58	4.94	4.72	7.83	6.88	3.49	5.66	4.67	10.37	8.93	11.25	49.51
September...	3.93	2.01	3.77	7.32	7.40	5.46	4.00	6.69	5.44	1.88	4.27	72.32
October .....	5.02	4.75	1.80	8.06	2.93	4.48	5.20	6.70	9.83	9.10	9.48	52.17
November...	6.73	4.92	3.24	5.38	5.29	14.31	9.02	6.26	8.09	7.95	7.69	70.37
December...	6.13	7.99	5.57	5.73	7.68	6.52	2.81	2.63	7.03	11.41	7.66	68.88
TOTALS...	63.21	51.09	50.15	66.23	59.96	59.23	61.27	60.75	76.48	60.63	64.82	673.82

1927. Nothing near. On a mountain slope facing NW.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920.	54°50'10"	6°54'	Dungiven	9 in	N.	Banagher	5 1/2 mi
						000381	NW.



RAINFALL at Altagarra Mountain

County of Londonderry Observer H. A. Robinson C.E.

River Basin Foyle + C. 5 W. Criswell, Esq. L.P. (1929)

M.O. Rain Gauge, by \_\_\_\_\_

exposed on Moor

Diameter ...									5		
Height .....									10		
Altitude ...									1230		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...									8.05	2.34	5.77
February ...									4.59	4.59	1.76
March .....									5.52	1.74	4.17
April .....									2.94	1.97	3.29
May .....									1.59	4.19	2.42
June .....									6.35	3.52	2.47
July .....									2.49	4.32	5.69
August .....									10.05	8.83	10.82
September...									4.77	1.81	4.82
October .....									9.47	8.87	9.38
November...									7.55	7.77	7.20
December...									6.49	10.10	7.22
TOTALS...									69.86 M.	59.05 M.	65.01 M.

1928. On top of shoulder between Altagarra + Crockalougha.  
1929. a turf wall 1ft high 5ft radius, was built around the gauge in June.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1928			Dungiven	10m	N	Banagher	6½m N.W
						000380	



County of Londonderry Observer W. Linsell, Esq. D.C.  
River Basin Foye & Co. S.  
M.O. Rain Gauge, by \_\_\_\_\_

1929. a new gauge was fixed on 25<sup>th</sup> Sept, 1929, in the  
altnaheglish Valley - adjacent to "Glenedra Lodge"  
gauge. This gauge is a 5" Bradford, by Negretti &  
Zambra, and is situated on a slope of 1 in 15 facing  
sw. Level 967 O.D. It is surrounded by a turf wall 12"  
high and 12" thick, which is built round the gauge to  
an inside radius of 5 feet.  
The gauge is read on Tuesday mornings, and on the  
1<sup>st</sup> of each month.

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1929. 30			Dunquizen	4 m.	N.	Banagher	2½ m.	N.W.
						000379		



RAINFALL at Londonderry Coggon Reservoir

County of Londonderry

Observer Mr. Wm. Hutchinson

River Basin Fyle & C - 5

Glaisher Rain Gauge, by  
(125)

Diameter ...	8			8									
Height .....	10			10									
Altitude ...	320	325		325									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.	
January ...	4.53	4.51	4.16	5.15	3.43	4.04	5.64	7.26	7.72	1.23	4.20	51.91	
February ...	2.61	1.53	4.92	3.57	2.29	5.47	2.85	2.12	4.72	2.35	1.15	33.58	
March .....	3.93	4.23	2.27	1.87	.53	4.58	2.50	3.48	3.41	.85	3.15	30.82	
April .....	3.33	1.98	3.80	2.85	4.13	4.86	2.54	2.47	1.71	1.96	1.97	31.60	
May .....	4.14	2.45	2.02	3.19	4.80	3.68	5.36	1.45	1.13	2.45	1.65	32.32	
June .....	1.88	.75	3.36	2.90	2.70	1.57	3.42	3.85	6.09	3.82	3.13	33.44	
July .....	3.88	3.55	4.32	3.81	6.15	3.67	3.31	2.77	3.29	4.02	4.37	42.84	
August .....	3.98	4.75	3.68	6.36	6.89	2.75	4.06	3.89	6.31	6.83	8.12	56.62	
September...	3.50	1.85	2.78	5.76	6.03	4.83	4.35	5.40	5.27	2.24	2.89	44.90	
October .....	4.10	4.08	1.40	5.07	3.45	3.08	5.55	4.11	5.99	5.55	7.41	49.79	
November...	4.22	3.48	2.97	5.70	2.87	3.06	4.97	4.64	6.10	5.09	4.50	47.60	
December...	3.30	5.81	4.00	5.50	4.96	5.08	2.69	1.12	3.76	7.16	4.38	47.76	
TOTALS...	42.11	38.97	39.68	51.73	48.25	46.67	47.24	42.56	55.50	43.55	46.92	503.18	42.11

1921 stone 20ft. high says NW.  
1925 " " " 100 yds "  
1926. Reservoir 80 pds. S.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1926.	55	7	from	1 1/2	S.	Christ +	1 - 550
							000378







RAINFALL at Limavady, Poerwistā Mambé

County of Londonderry

Observer Rev W Browne per S.R.A.

River Basin Foyle & C. 5-

Glaisher Rain Gauge, by (130)

Diameter ...								5			
Height .....								1 0			
Altitude ...							70	70			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...							5.46	5.64	6.73	1.09	3.05
February ...							2.87	1.48	3.33	1.77	.82
March .....							2.22	2.45	2.74	.37	2.00
April .....							1.62	2.27	1.29	1.02	1.79
May .....							4.26	1.31	.94	1.94	1.10
June .....							2.86	3.00	4.17	2.66	2.53
July .....							2.93	3.24	1.78	2.71	2.21
August .....							2.91	3.21	5.73	5.01	6.20
September...							3.46	4.47	3.46	1.03	1.54
October .....							5.37	2.98	4.67	6.21	4.73
November...							5.30	3.97	4.19	4.10	4.01
December...							2.10	1.48	2.98	6.75	3.22
TOTALS...							41.36	35.50 d ✓	42.01 d	34.66 d ✓	33.20 2 ✓

1927. Rose Hedge 3ft. high, 20 ft. W.  
1929. House, 40 ft. high, 25 yds. N.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1927			Limavady	$\frac{1}{8}$ m.	W.	Limavady	$\frac{1}{4}$ m. S.W.
				000376			



RAINFALL at Linnavady DrenaghCounty of LondonObserver Mr. M. McCausland Esq.River Basin Foye & C - 5Howard Rain Gauge, by  
(125)

Diameter ...	5			5								
Height .....	16			16								
Altitude ...	80			80								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	4.25	3.87	3.22	3.45	2.31	2.97	4.76	5.23	5.92	1.23	3.06	40.27
February ...	2.10	.95	3.75	4.80	1.70	4.37	2.09	1.44	3.29	1.84	.76	27.09
March .....	3.15	3.02	1.38	1.31	.65	3.05	2.16	2.33	2.96	.34	2.13	22.48
April .....	2.23	1.51	4.19	2.64	3.12	3.12	1.81	2.29	1.17	1.10	1.69	24.87
May .....	3.54	2.07	2.37	1.97	3.90	3.42	3.93	1.32	.93	1.89	1.05	26.39
June .....	1.45	.30	2.45	1.35	2.61	1.11	3.14	3.17	4.47	2.70	2.47	25.22
July .....	2.84	3.16	3.20	2.70	3.52	6.07	2.93	3.50	1.82	2.82	2.57	35.13
August .....	2.70	3.67	3.75	5.09	5.12	2.53	3.18	3.31	5.65	4.94	6.65	46.49
September...	3.40	1.27	2.25	4.66	5.88	3.27	3.34	4.44	3.45	1.16	1.72	34.84
October .....	4.41	4.37	.97	4.21	2.49	2.28	4.95	2.98	5.12	6.91	4.89	43.58
November...	3.15	2.52	2.72	4.09	1.97	2.51	5.34	4.13	4.16	3.99	4.18	38.76
December...	2.73	5.11	3.15	4.58	3.61	4.89	2.06	1.62	2.80	6.51	3.28	40.34
TOTALS...	35.95	31.72	33.40	40.85	36.88	39.59	39.69	35.76	41.74	35.43	34.45	405.46

1920. Plant home 18ft. high 20yds. W.

Hydro No. 940110

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map .....

Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	55° 4' 6" 58'		Linnavady	1 mi	W	Linnavady	1 mi	W
							000375	



RAINFALL at Bellarena

County of Londonderry

Observer Sir F. G. Keygate, <sup>Ar.</sup> for I.R.A.

River Basin Toyle + C - 5

Rain Gauge, by \_\_\_\_\_

Diameter ...						8"			5"		
Height .....						3' 9"		2.0.	2 6		4.0
Altitude ...						12'			12		12
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<sup>1930</sup> MEANS.
January ...						2.81	4.51	4.85	6.45	1.04	3.76
February ...						4.65	3.10	1.86	3.80	1.74	.94
March .....						3.43	2.10	2.26	2.61	4.56	2.53
April.....						3.60	1.31	3.11	1.23	1.36	2.16
May .....						3.76	3.86	1.87	1.02	2.09	1.46
June .....						1.04	3.50	3.20	5.24	2.95	2.53
July .....						6.07	3.94	4.11	1.97	3.42	3.15
August .....						2.31	4.64	4.38	6.11	6.06	5.89
September...						4.14	4.24	5.02	4.38	1.33	1.99
October.....						2.91	5.24	3.49	4.95	6.11	5.00
November...						2.71	4.86	3.80	5.21	4.10	4.29
December... <i>See next sheet</i>						5.03	2.45	1.38	3.01	6.12	3.12
TOTALS...						42.46	43.75	39.33	45.98	36.88	36.82

\* Self recording  
1929. Hill 1260 ft. high, 2 m. E.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1927.			Bellarena.	1 1/4 m.	N.	Lamlaghland.	2 m. E.
							000374



RAINFALL at Bellarena

County of Londonderry  
River Basin Foye &c - 5.

Observer L. F. G. Heygate  
for Murphy.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5							
Height .....	1 3	1 2	1 3	1 0							
Altitude ...	7'	6'	4'								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.17	5.08	3.68	4.32							
February ...	2.51	1.26	3.14	3.93							
March .....	2.74	3.30	1.96	1.22							
April .....	1.58	1.53	4.00	3.20							
May .....	3.44	1.99	2.37	1.92							
June .....	1.66	.47	2.76	1.59							
July .....	3.21	2.99	3.76	2.97							
August .....	2.83	4.17	3.24	5.97							
September...	3.90	1.82	2.45	5.00							
October .....	4.37	4.36	.99	5.14							
November...	3.26	3.79	2.67	4.93							
December...	2.64	5.33	3.54	5.15	See previous sheet.						
TOTALS...	36.31	36.09	34.56	45.34							

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
	55° 9'	7°	Bellarena	1 1/2 mi	N.	Lambegbird	2 mi E
							0 0 03 7 3







RAINFALL at Dungannon, Agha.

County of Tyrone

Observer Major Robert Stevenson

River Basin \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_

Diameter ...						5"		5			
Height .....						12"		12			
Altitude ...								275			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...						.	5.29	3.68	5.90	1.61	3.89
February ...						.	3.37	2.08	5.07	3.78	1.15
March .....						.	2.01	2.84	2.95	.60	2.65
April .....						4.04	1.94	1.95	1.71	1.64	2.83
May .....						5.89	3.28	1.50	1.75	3.31	2.39
June .....						1.09	3.02	3.61	5.84	2.96	2.12
July .....						4.01	5.10	3.52	2.23	3.52	4.78
August .....						2.15	3.70	3.69	5.85	7.05	7.07
September...						3.83	2.50	5.12	3.01	1.35	3.30
October .....						3.02	3.45	3.05	6.04	6.62	5.89
November...						1.75	3.89	4.06	5.55	4.10	5.07
December...						3.43	1.46	2.44	3.13	7.01	4.16
TOTALS...						imp.	39.01	37.54	49.08	43.55	45.30

1925. House situated 20 ft above gauge 40' high, 60 yds due N.  
Gauge removed from Rockdale 1. April.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925	54° 30'	6° 40' W.	Dungannon	1 m.	N.W.	Dungannon	1 m. N.W.



RAINFALL at Castle Caulfield, Parkanane,

County of Tyrone Observer Capt. Y. A. Burges, Esq.

River Basin Bann 2

Rain Gauge, by \_\_\_\_\_

Diameter ...									8"		
Height .....									4"6"		
Altitude ...										250	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...										2.12	3.80
February ...										3.37	1.18
March .....										.38	2.88
April .....										1.78	2.86
May .....										2.91	2.56
June .....										2.92	2.49
July .....										2.98	7.29
August .....										7.03	7.45
September...										1.23	2.70
October .....										6.89	6.23
November...										4.56	5.88
December...									2.78	7.22	4.07
TOTALS...									imp	43.39	49.39

1928 Record low.  
1929. House 33 ft. high 54 ft. N.  
Tree 80 " " 90 " S.S.W.  
" 90 to 150 " " 150 " W.

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map		Reference No.		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1929.			Donaghmore	2 m.	N. E.	Castlecaulfield	1 m.	N. E.



RAINFALL at Donaghmore

County of Tyrone

Observer Messrs. McBlintons, Ltd.  
R. Brown

River Basin Bann - 2

per D. Briggs (Director)

101 Rain Gauge, by  
(supplied Dec. '21)

Diameter ...			5								
Height .....			1 3								
Altitude ...			260								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...			# 4.38	3.97	4.66	3.68	6.89	4.25	7.51	1.98	4.88
February ...			4.66	5.20	1.51	4.16	4.27	2.40	5.65	4.29	1.13
March .....			1.69	2.05	1.19	1.64	2.62	3.07	3.95	.43	2.41
April .....			2.77	4.13	3.22	4.27	1.88	1.78	1.85	1.66	2.51
May .....			2.02	1.70	5.47	5.76	3.21	2.06	1.38	3.04	1.66
June .....			1.90	.68	3.30	.94	2.68	3.84	6.21	3.11	2.20
July .....			3.69	2.97	5.51	3.48	5.58	3.11	1.83	3.43	5.44
August .....			3.73	6.42	4.87	2.45	3.76	4.06	5.62	8.09	7.35
September...			3.86	4.74	6.27	3.53	2.41	4.95	2.93	1.32	3.15
October .....			1.70	4.17	2.20	3.33	3.76	3.38	6.51	6.96	6.01
November...			1.22	4.13	3.33	2.17	4.52	4.36	5.61	4.35	4.92
December...			3.80	4.46	5.94	4.13	1.56	2.37	3.57	7.95	3.94
TOTALS...			35.42	44.62	47.47	39.54	43.14	39.63	52.62	46.61	45.60

1922. Greenhouse 14' 20 yds N  
Hot bed 2 1/2' 3 S  
1930. Jan. - Oct. adjusted by surr. stations.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1922	54.10	6.30	Donaghmore	1040 yds	NNW	Donaghmore	312 yds NNE



RAINFALL atDonaghmore

County ofTyroneObserverMessrs. W. & G. Collins, Ltd.

River BasinBann - 2

Rain Gauge, by  
(supplied, Dec. '21)

M

Diameter ...			5								
Height .....			1 3								
Altitude ...			260								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...			# 4.41	3.94	4.59	3.64	6.81				
February ...			4.75	5.15	1.45	4.14	4.22				
March .....			1.30	2.01	1.17	1.62	2.58				
April .....			2.77	4.08	3.17	4.23	1.88				
May .....			1.93	1.65	5.41	5.70	3.19				
June .....			1.90	.63	3.25	.94	2.66				
July .....			3.47	2.90	5.47	3.52	5.54				
August .....			3.70	6.38	4.84	2.43	3.71				
September...			3.80	4.69	6.22	3.47	2.37				
October .....			1.72	4.10	2.13	3.30	3.70				
November...			1.24	4.08	3.31	2.14	4.48				
December...			3.82	4.37		4.09	1.53				
TOTALS...			34.81	43.98	imp np.	39.22	42.67	NR	NR	#	

1922. Hot bed 2½' 3 yds S  
Greenhouse 14' 20 - N  
1923. np. check g.  
1926. " " "

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1922	54.10	6.30	Donaghmore	1040 yds.	NNE	Donaghmore	312 yds NNE



RAINFALL at Tullyhogue, Rockdale House

County of Tyrone Observer Major R. Stevenson

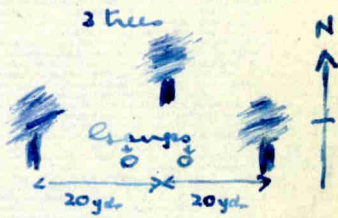
River Basin Bann-Lough Neagh, West 2.

(Previously used by Capt. Lowry) Rain Gauge, by \_\_\_\_\_

Diameter ...		5		5							
Height .....		1 0		1 0							
Altitude ...		275		275							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...		5.30	5.12	4.36	5.00	3.50					
February ...		1.51	4.54	6.00	1.77	3.67					
March .....		3.29	1.52	2.21	1.46	1.45					
April.....		1.22	3.26	4.06	3.39	#					
May .....		2.44	1.85	1.94	5.52						
June .....		.28	2.25	.94	3.36						
July .....		4.10	4.04	3.04	6.29						
August .....		4.23	4.08	6.64	5.22						
September...		1.57	3.75	4.59	6.29						
October.....		3.70	2.05	4.44	2.65						
November...		4.40	1.57	4.38	2.96						
December...		4.67	4.32	4.62	4.98						
TOTALS...		36.71	38.35	47.22	48.89						

House 80 ft high 25 yards S.  
Trees 60 " " 25 " E.  
" " " 25 " W.  
" as sketched " 25 " N.

1925. Gauge moved April 1st  
7 1/2 miles SW. to Agha.



House [ ] 25 yds S. of gauge

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1921			Cookstown Pomeroy Dungannon	5 mls 5 9	N 40° E 250 W 170 S	Desertcreat		



RAINFALL at Dungannon Killyman RectoryCounty of LynneObserver Rev. E. F. CampbellRiver Basin L. Leagh. W — 2(per January 1921)Rain Gauge, by Howard

Diameter ...	5										
Height .....	11										
Altitude ...	150										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.32	4.71									
February ...	2.51	1.16									
March .....	3.15	2.84									
April .....	3.12	1.13									
May .....	3.61	1.90									
June .....	2.44	#									
July .....	3.31										
August .....	2.00										
September...	2.05										
October .....	4.84										
November...	2.86										
December...	3.90										
TOTALS...	38.11										

1920 2m 15 ft. hie 30 ft. N.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map .....

Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 29' 6" 42"	5	Lew & Mary	1/4 m	S	Killyman	1/4 m	W



RAINFALL at Omagh, Edenfel

County of Lynne

Observer L. B. Buchanan

River Basin Fyle — 3

Glaisher Rain Gauge, by (125)

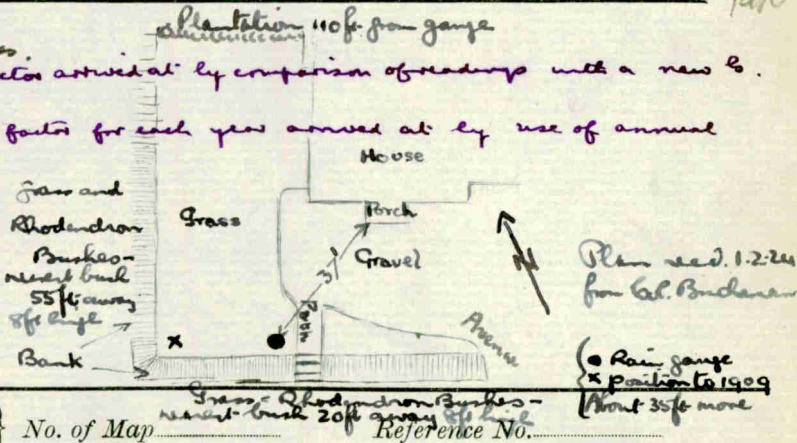
Obsg

Diameter ...	8			8								
Height .....	1	0	1	6	1							
Altitude ...	280			280								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	5.20	5.30	4.60	4.87	4.77	4.08	6.49	4.74	7.66	1.48	4.51	* 53.18
February ...	3.40	.95	4.90	6.98	2.25	5.09	3.61	2.06	5.56	3.04	.58	38.42
March .....	3.50	4.70	2.10	2.80	.89	2.01	2.10	3.53	3.62	.48	3.49	29.22
April .....	4.10	1.60	3.30	3.71	3.02	4.14	2.15	1.75	2.27	1.42	2.06	29.52
May .....	4.00	2.05	2.70	2.71	5.46	4.88	4.03	1.46	1.54	2.41	2.19	33.43
June .....	2.00	.55	2.90	1.63	2.86	.80	2.83	3.54	5.78	2.73	2.04	27.66
July .....	4.50	3.95	4.20	3.31	3.68	3.40	3.49	3.13	2.50	4.05	3.75	39.96
August .....	3.35	3.30	4.00	6.19	6.64	2.71	4.04	3.63	6.34	6.85	6.90	53.95
September...	2.55	1.50	3.40	4.56	5.48	3.03	2.43	4.31	5.13	1.23	2.94	36.86
October .....	4.40	4.00	1.80	4.48	3.03	3.31	3.21	3.23	5.29	6.00	6.77	45.52
November...	4.96	3.60	2.30	4.40	3.23	2.80	3.78	3.97	5.38	4.26	4.55	43.44
December...	3.60	5.50	4.80	4.06	4.97	3.60	1.75	1.60	3.48	7.71	4.40	45.47
TOTALS...	(45.50)	(37.00)	(41.00)	(50.00)	45.76	39.85	39.91	36.95	54.55	41.66	44.18	476.36

N.23 : file 404086/23 - note re diff values.  
1923 values reduced in ratio 89:100 (factor arrived at by comparison of readings with a new G.  
installed March 1923.  
1920 - 1922 values reduced yearly year (factor for each year arrived at by use of annual  
percentage inc + inc of actual rainfall)

1924. Note - check g. & leaked  
see other gauge.

\* Corrected values used



Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Grass - Rhododendron Banks -  
mixed bush 20 ft away 55 ft  
Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Omagh	1 mi	N.W.	Omagh		



RAINFALL at Omagh, Edenfel

County of TyroneObserver Lt Col J.B. Buchanan

River Basin Boyle - 3

Rain Gauge, by \_\_\_\_\_

New G.

Diameter ...					5						
Height .....					10						
Altitude ...					280						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...					(4.25)						
February ...					(2.25)						
March .....					89						
April .....					302						
May .....					546						
June .....					286						
July .....					368						
August .....					664						
September...					548						
October .....					303						
November...					323						
December...					497						
TOTALS...					(45.76)						

1924. Jan. + Feb. computed from readings of old gauge by nomex ratio 12/125

Position of Station on reduced Ordnance Survey } Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance Direction
				from gauge			from gauge
1924			Omagh				



RAINFALL at Newtown Stewart Baron's Court

County of Lynne

Observer Dr. R. Bell Eq. J. P. (1929)

River Basin Foyle — 3

Snowdon Rain Gauge, by N 53

Diameter ...	5			5						5	
Height .....	1 0			1 0						2 4	1 0
Altitude ...	250			250						250	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.55	5.02		4.27	3.87	3.87	5.62	5.34	8.73	1.41	4.65
February ...	3.11	1.13		5.09	2.00	5.68	3.20	2.09	5.34	3.41	4.44
March .....	3.64	4.24		2.18	71	2.57	2.85	3.70	3.92	.51	3.07
April .....	3.80	1.56		3.11	3.02	3.83	2.04	1.64	2.12	1.57	1.71
May .....	3.80	2.27		2.21	4.57	4.21	3.68	1.82	1.40	2.44	1.69
June .....	1.70	34		1.47	2.92	.84	2.53	3.79	6.12	2.46	2.66
July .....	3.35	4.26		3.36	4.54	3.31	2.50	3.24	1.67	3.84	4.16
August .....	2.41	4.32		5.64	6.75	2.98	3.30	3.80	6.69	6.26	6.62
September...	2.90	1.60		5.88	4.92	3.04	2.78	4.35	4.78	1.35	2.63
October .....	3.72	4.65		5.31	2.55	2.94	3.05	3.95	5.81	6.45	5.67
November...	5.29	3.20		4.16	2.54	2.23	4.59	4.35	5.48	5.21	4.30
December...	3.47	5.33		3.52	4.99	3.07	1.40	1.20	4.25	8.46	4.37
TOTALS...	42.74	37.92		46.20	43.38	38.57	37.54	39.27	56.31	43.37	41.97

1920. Stone 18ft. high 27ft N.  
1926 Late n/p.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920			Newtown Stewart	4 in	E	Ardsrahan	4 in E
1923			"	3 "	"	"	3 " "



RAINFALL at Sion Mills Sion House

County of Lynne

Observer Capt J C Herdman

River Basin Foyle - 3

(1926) N.N.O. Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5								
Height .....	3 0			3 0					1 0			
Altitude ...	100?			100?								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.24	4.64	4.40	4.49	3.48	4.40	6.28	6.79	8.31	1.48	5.06	Totals. 55.57
February ...	2.92	1.18	4.72	4.91	2.26	5.61	3.87	1.88	4.25	2.70	.52	34.82
March .....	3.68	4.92	2.03	2.33	7.5	2.80	2.46	3.65	4.27	.55	3.15	30.59
April .....	2.94	1.54	3.49	3.10	3.80	4.15	1.90	2.17	1.80	1.65	1.92	28.46
May .....	3.88	2.02	1.72	2.32	4.11	4.21	4.10	1.57	1.26	2.65	1.89	29.73
June .....	1.94	.30	2.21	1.40	3.20	.87	3.13	3.64	5.72	2.75	2.97	28.13
July .....	3.53	3.78	4.45	2.91	4.97	3.66	3.85	2.95	1.44	3.69	4.51	39.74
August .....	2.73	3.69	3.77	5.55	6.02	3.36	4.46	2.79	5.76	6.29	6.55	50.97
September...	2.85	1.42	2.55	5.90	6.03	3.48	2.78	4.92	4.50	1.06	2.72	38.21
October .....	3.71	3.98	1.64	5.67	3.30	2.85	3.87	3.31	6.18	6.67	6.16	47.34
November...	5.08	3.24	2.73	5.30	3.28	2.93	4.85	4.04	5.18	5.18	4.40	46.21
December...	3.37	5.73	4.47	3.98	6.43	4.08	1.72	.94	4.39	8.13	4.60	47.84
TOTALS...	42.87	36.44	38.18	47.86	47.63	42.40	43.27	38.65	53.06	42.80	44.45	477.61
	D	D	D	D	D	D	D	D	D	D	D	47.86

1921. Steel tree 40ft? 12yds. N.E.  
Wall 15ft. 10ft. E  
Fence hedge 7ft. 13ft. W  
1926. House 40ft high 30yds S.E.  
1928. Gauge moved 20' S.E. Jan. 2nd.  
Tree 50-60' high 18yds N.  
Hedge 7' " 8yds W  
Low wall 16" " 4' E  
House 40' " 24yds S.E.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925	58° 78	7° 50	Sion Mills	1 1/4 mi	SE.	Urney	3 mi	W



RAINFALL at STRABANE

County of TYRONE Observer Mrs Redman

River Basin - 3

Shawdon Rain Gauge, by

Diameter										5	
Height										0.11	
Altitude										70	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										1.05 (5.19)	
February										2.32 .39	
March										.52 (2.90)	
April										1.17 1.97	
May										2.18 1.70	
June										2.25 2.67	
July										3.05 3.22	
August										5.11 7.17	
September										1.36 2.39	
October										5.42 4.98	
November										4.52 3.26	
December										7.76 4.71	
TOTALS										37.11 (40.55)	2

1929 late Sep recd 111/31 file 95224/31  
1930 Jan. & Mar. corrected for frost & snow.  
1930 House 30ft high 45ft N.W  
Trees 40ft high 60ft NE.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Strabane	3/4 mile	West	Strabane	3/4 mile	South







RAINFALL at Kralin Head.

County of Donegal. Observer Mr. O. Air Ministry

River Basin rough &c - 1

Rain Gauge, by \_\_\_\_\_

( Old gauge )

Diameter ...	8											
Height .....	1 0			1 3								
Altitude ...	208			71								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	3.23	4.01	3.33	3.92	3.18	3.11	4.98	5.10	7.47	1.37	4.36	4406
February ...	1.97	1.01	4.75	4.17	1.60	3.87	2.72	1.60	4.61	1.72	1.21	2923
March .....	2.34	2.99	1.82	1.36	.51	2.82	1.69	2.06	2.32	.32	2.23	2046
April .....	1.64	1.37	2.48	2.58	3.67	3.87	1.14	2.94	1.32	1.21	1.86	2458
May .....	3.38	1.76	1.94	1.59	3.72	2.74	2.50	1.74	1.20	1.92	1.05	2354
June .....	1.36	.60	2.23	1.40	2.36	.84	2.59	3.78	4.47	3.44	2.87	2594
July .....	2.50	2.02	3.09	3.79	3.24	3.77	3.17	3.89	2.47	2.96	3.04	3394
August .....	4.18	2.92	2.50	6.27	5.04	3.01	3.09	3.05	4.75	5.38	5.37	4556
September...	2.71	1.83	1.89	4.60	5.13	2.93	4.52	4.39	3.97	1.78	2.70	3645
October .....	2.13	3.07	1.33	4.51	2.89	2.56	6.24	4.43	6.26	5.18	5.43	4403
November...	3.54	(3.07)	2.17	4.00	3.93	2.06	5.19	3.66	4.89	4.26	4.74	4061
December...	1.77	4.35	2.83	4.77	5.59	4.05	1.80	1.61	3.43	6.80	4.10	4101
TOTALS...	30.75	(29.00)	30.36	42.96	39.87	35.63	39.63	38.25	47.16	36.34	38.96	4089

1921 corr. p. 10

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
1920	55° 20'	7° 24'				



RAINFALL at Malin Head

County of Donegal Observer H. O.

River Basin Donagh HC - 1

Rain Gauge, by

(New gauge)

Diameter											
Height											10
Altitude											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											4.29
February											1.21
March											2.22
April											1.89
May											1.12
June											2.87
July											3.00
August											5.28
September											2.65
October											5.46
November											4.57
December											4.03
TOTALS											38.59

1930. N. P. on site of old gauge before move in 1922.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge



RAINFALL at Rathmullen Fort Royal.County of DonegalObserver Colonel D. Montgomery (died 4.24.)River Basin Lough Swilly 2C.A.S.  
Col. J. H. Jellett.(1926) Howard Rain Gauge, by P. H. H. H.

Diameter ...	5			5							
Height .....	1.4			1.4							
Altitude ...	35			35							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...		4.73	4.82	5.30	3.38	3.61	5.77	7.54	8.60	1.33	3.96
February ...		1.29	5.06	3.64	2.00	5.50	3.12	2.27	5.27	1.95	.93
March .....		5.10	2.48	2.16		4.16	2.40	3.07	3.21	.66	2.79
April .....		2.47	3.55	2.86		4.51	2.31	2.81	1.77	1.52	2.17
May .....		2.26	1.78	2.88		3.82	4.20	1.38	1.15	1.97	1.44
June .....		.85	2.70	2.65	2.52	.69	3.38	3.42	5.12	2.92	(3.10)
July .....	3.08	2.93	3.95	3.64	4.63	4.70	3.59	3.81	3.06	3.94	(3.22)
August .....	3.76	4.97	3.91	7.52	6.54	2.54	3.48	4.70	5.80	6.06	7.01
September...	4.65	1.81	2.62	6.69	5.12	4.47	4.89	5.26	4.86	1.74	3.68
October .....	3.30	4.13	1.48	6.11	3.12	3.52	5.72	3.98	5.98	5.82	8.16
November...	4.37	5.95	2.70	6.41	2.99	2.98	5.48	4.22	5.41	4.96	5.05
December...	3.85	6.07	4.28	5.49	5.08	5.47	2.28	1.00	4.20	7.23	4.88
TOTALS...		40.56	39.33	55.35	imp	45.97	46.62	43.46	54.43	40.10	46.39
		d		d	d	d	d	d	d	d	d

1920. Stone, trees about 35 to 40 ft high 100 yds distant. Stone is S. &amp; trees are N.W.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			<u>fallen</u>	<u>about</u> 4 mi	<u>E</u>	<u>Rathmullen +</u>	<u>about</u> 1 1/2 mi	<u>S.</u>
1926	55° 6'	70° 32'						



RAINFALL at Letterkenny Mental Hospital

County of Dougal

Observer E. E. Marshall, M.D.

River Basin Lough Swilly - 2

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1 0										
Altitude ...	183										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.34	5.66	5.37	5.22							
February ...	3.66	1.62	5.15	5.16							
March .....	4.39	5.78	2.25	2.52							
April .....	3.35	1.64	4.24	3.47							
May .....	4.72	2.47	1.80	3.05							
June .....	2.25	4.2	2.23	1.19							
July .....	3.20	3.11	3.96	3.02							
August .....	2.86	4.86	3.04	5.70							
September...	3.38	1.86	2.99	6.10							
October .....	3.03	4.42	1.29	6.59							
November...	6.23	4.86	2.82	6.06							
December...	4.27	6.84	5.84	4.99							
TOTALS...	47.68	43.54	40.98	53.07	#	to Teignmouth					

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map \_\_\_\_\_

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Letterkenny	1 mi	SE.	Letterkenny	1 mi	SW.



RAINFALL at Buncrana Rectory

County of Donegal Observer Rev. R. S. Meredith

River Basin Lough Swilly - 2.

Rain Gauge, by \_\_\_\_\_

Diameter ...										5	
Height .....										0 8	1. 0
Altitude ...										50	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920 MEANS.
January ...										1.77	4.37
February ...										2.44	1.23
March .....										.68	3.32
April.....										1.70	2.34
May .....										2.03	1.62
June .....										2.95	2.80
July .....										3.72	2.85
August .....										6.41	6.89
September...										1.44	3.11
October.....										5.80	7.06
November...										5.28	5.76
December...										8.43	4.88
TOTALS...										42.65 D V	46.82 <sup>23</sup> D

1929. House 30ft. high 42ft. ENE.  
Hedge 4 " " 8 " N,  
Rose 5 " " 11 " WSW.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map		Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1929.			Buncrana	1/2 m.	S. by E.	Buncrana	1/4 m. E.



RAINFALL at Kniford in name

County of Dougal

Observer Rev W. J. Young

River Basin Sheepscrogh + C-3

Kniford Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5							
Height .....	1 6			1 6							
Altitude ...	150			150							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.23	4.82	4.85	4.84	3.68	3.99	6.36	6.85	8.25	1.23	4.00
February ...	3.10	1.67	5.19	4.54	2.12	5.90	3.30	2.58	4.47	2.36	1.08
March .....	4.13	5.11	1.87	2.38	.57	4.01	2.64	3.80	2.75	.46	3.35
April .....	3.28	1.94	3.88	3.03	4.65	4.97	2.00	2.54	2.17	2.01	2.12
May .....	4.37	2.20	1.32	2.63	4.01	3.40	3.63	1.15	1.12	1.78	1.16
June .....	1.67	.57	2.63	1.79	2.50	.81	3.58	3.66	4.90	3.37	2.86
July .....	2.58	2.59	4.01	2.93	3.54	4.19	3.21	4.04	2.64	3.80	4.61
August .....	2.72	4.79	3.61	6.62	6.04	3.02	3.23	4.27	6.69	6.52	6.45
September...	3.99	1.73	3.03	5.93	5.84	4.74	4.80	4.87	4.21	1.86	3.21
October .....	2.90	4.19	1.52	5.44	2.99	3.84	6.14	4.12	6.23	5.23	7.33
November...	4.69	4.32	3.28	6.03	3.52	2.97	6.01	4.19	5.42	4.87	4.47
December...	3.51	6.03	4.71	5.05	5.59	4.56	2.27	1.07	4.22	7.30	4.63
TOTALS...	42.17	39.96	39.90	51.21	44.96	46.40	47.17	43.14	53.07	40.79	45.27

1920 Trees above roof. Lk 35 ft. W. S. L. (Trees are widely planted.)  
Home , 30 ft. > 50 ft. N.  
Beach stage 6 ft. , 30 ft. NE.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	55° 6'	7° 41'	Kniford	12 in	S.	"Ongow"	2 mi	N.W.



RAINFALL at Dunfanaghy St. Helen's

County of Donegal

Observer James Gault Esq. M.D.

River Basin Sheepscroon &c - 3

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	0 9										
Altitude ...	50										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.16	5.43	3.96	4.14	3.58	3.66	6.23				
February ...	4.40	1.69	4.20	3.67	2.48	5.62	2.61				
March .....	4.21	6.58	2.08	1.84	.86	4.01					
April .....	2.93	1.88	3.26	2.68	4.66	4.34					
May .....	4.20	2.00	1.24	2.34	3.75	3.76					
June .....	1.95	.83	2.68	1.88	3.00	.63					
July .....	2.84	2.67	3.11	4.18	3.19	4.07					
August .....	4.32	4.22	3.54	6.10	4.51	4.48					
September...	3.61	1.91	3.08	5.52	6.43	(3.94)					
October .....	2.06	4.01	2.16	6.23	2.56	(3.74)					
November...	6.11	4.45	2.71	4.63	3.92	3.17					
December...	3.41	6.98	4.47	4.78	7.61	5.51					
TOTALS...	46.20	42.65	36.49	47.99	46.55	46.93					

g to Dunfanaghy St. Patrick's

1922: Read part in ins. & part in mm.  
1925: Sept. & Oct. est'd. from maps.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	55° 11'	7° 55'	Dunfanaghy Rd.	5' 4"	E	Clondhorkey	50 yds S



Rain Gauge, by .....

(°1383) Wt. 1671—£044. 10,000. 4/21. J. T. & S., Ltd. **160.**



RAINFALL at Narim Kiltornish

County of Donegal Observer L. O. C. P. H. Gardner

River Basin Swubarra & C - 4 O. Boyle

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1 6										
Altitude ...	100										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ..	(5.50)	6.10	4.83	4.76	5.48						
February ...	(3.50)	2.89	6.03	4.58	3.26						
March .....	4.53	6.69	2.51	2.96	.60						
April .....	3.38	1.55	3.13	2.73	4.47						
May .....	4.96	2.58	1.60	2.60	5.47						
June .....	1.88	.52	3.43	2.30	3.78						
July .....	3.47	3.41	5.01	3.21	4.42						
August .....	3.35	3.95	3.68	6.46	6.33						
September...	4.19	1.99	3.40	6.34	5.97						
October .....	3.42	5.68	2.79	6.44	(3.50)						
November...	6.62	4.69	2.96	5.13	(4.00)						
December...	4.26	5.85	7.25	5.75	(6.50)						
TOTALS...	(48.10)	45.90	46.62	53.26	(53.78)						

*Jan Feb set from map  
newglass 5.21.  
1924. Oct - Dec. set from maps.*

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map .....		Reference No. ....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
	54° 46' 30"	5	Glenties				



RAINFALL at Killybegs RockmountCounty of DonegalObserver Com. G. E. PhilippsonRiver Basin Donegal Bay — 5Sawden Rain Gauge, by  
(129)

Diameter ...	6			6							
Height .....	1 0			1 0							
Altitude ...	65			65							
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.14	6.27	6.41	10.35	6.35	4.48	7.07	10.28	13.12	1.36	4.60
February ...	5.06	2.90	7.40	5.80	2.42	5.85	5.70	4.38	6.93	4.54	.87
March .....	6.13	6.83	3.92	3.80	1.75	3.24	4.01	4.77	3.43	.90	4.05
April .....	4.80	2.21	3.56	3.60	6.98	4.36	2.84	4.69	1.39	1.80	2.76
May .....	7.35	2.79	2.89	4.88	5.26	5.84	5.19	1.96	2.26	2.34	1.99
June .....	3.37	1.23	4.43	2.20	5.02	1.33	3.42	5.04	4.92	4.26	3.15
July .....	5.67	4.34	6.45	5.75	5.41	4.32	5.26	4.38	3.31	5.00	4.71
August .....	3.40	5.70	4.28	9.13	10.34	4.72	3.56	6.30	6.91	8.67	7.07
September...	6.50	2.47	5.31	9.02	8.24	4.71	6.67	7.09	5.23	2.58	3.73
October .....	1.66	8.19	2.37	8.45	5.87	6.29	8.27	4.28	9.21	7.95	9.24
November...	7.67	5.08	4.12	8.02	6.41	4.27	8.39	6.88	7.09	8.07	5.49
December...	4.53	9.85	7.50	9.12	7.68	5.51	3.06	2.26	7.20	10.56	4.59
TOTALS...	64.28	57.86	58.64	80.12	71.73	54.92	63.44	62.31	71.00	58.03	52.25

1920 Church R.R. ? high 40 yds. E.S.E.  
Car wall 10'  
Bank side 30' W. to W.W.  
Dune 25' N.E.

4m 48-9

1930. Valued low. Obs. confirms.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 37'	8° 30'	Killybegs	150 yds	S.E.E.	Episcopolin	200 yds	N.E.



RAINFALL at Belbek the Island

County of Donegal

Observer Mr John McBrien

River Basin Erne — 6

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.0	1.2	1.6								
Altitude ...	152	154									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.89	5.97	4.85								
February ...	4.28	1.36	5.98								
March .....	3.70	4.56	2.04								
April .....	3.28	1.50	2.73								
May .....	4.28	2.06	2.21								
June .....	2.07	.69	#								
July .....	4.35	3.37									
August .....	2.55	4.71									
September...	3.05	1.80									
October .....	2.49	4.47									
November...	6.16	3.83									
December...	3.70	5.03									
TOTALS...	44.80	39.35									

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

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



