

RAINFALL AT Larnefergus Dorisland

Lat.

Long.

County of

Antrim

Rain Gauge, by

Observer

G. E. Reilly Esq

76 McCullough Esq Ch

Belfast Lough - 1.

Diameter	5										
Height	10										
Altitude	250										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.88	2.10	4.02	2.98	5.74	3.74	2.52	1.40	2.30	4.60	2.328
February	1.44	.23	1.65	4.91	5.47	.81	2.60	2.71	3.94	2.64	2.640
March	2.69	2.66	.52	1.71	2.41	4.81	5.04	5.58	1.16	2.72	2.930
April	1.91	2.24	1.36	1.56	1.87	2.12	2.11	2.62	3.25	4.03	2.307
May	2.31	2.89	5.67	1.65	4.36	.56	.90	2.45	3.43	3.98	2.820
June	3.86	1.43	4.63	2.02	4.33	2.22	3.86	6.17	3.80	2.95	2.477
July	2.95	2.43	2.99	3.96	5.25	4.13	6.71	2.51	.94	3.20	3.507
August	3.89	5.61	5.67	5.70	2.86	5.49	2.52	5.32	4.83	1.50	4.339
September	2.99	3.18	2.96	2.96	.17	.57	4.87	3.17	4.26	3.27	2.840
October	2.61	3.45	4.87	3.36	5.73	5.91	3.78	2.92	4.12	2.11	3.886
November	8.72	3.97	4.31	2.80	2.96	3.61	1.51	3.10	3.92	2.70	2.760
December	2.74	5.75	3.31	4.12	4.14	5.24	5.18	5.47	3.55	5.38	4.488
TOTALS	39.99	35.94	41.96	37.73	45.29	39.21	41.60	43.42	39.00	39.08	40.522

1890 St Nicholas Larnefergus 2 Miles E

000861

RAINFALL AT Carrickfergus Dorisland Belfast &c.

Lat. Lon. County of Antrim

Rain Gauge, by

Observer F.W. McCullough Esq. C.E.

Belfast Lough — 1.

Diameter ..	5										
Height	10										
Altitude ..	250 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.04	3.15	2.30	4.94	2.99	1.71	4.26	2.18	3.73	2.39	3.260
February ..	3.36	1.72	1.69	2.24	2.73	2.16	2.39	2.00	2.40	2.77	2.346
March	1.02	2.68	2.40	5.11	2.24	3.14	1.96	4.28	3.94	3.35	3.012
April.....	3.32	2.85	2.09	1.68	2.84	2.39	2.22	2.34	2.76	3.75	2.624
May	3.42	1.85	3.63	2.51	3.27	1.67	4.54	4.03	2.08	1.62	2.862
June	4.18	3.63	2.13	1.74	1.44	2.76	1.09	4.69	3.10	2.79	2.753
July	4.08	1.26	3.09	4.64	3.50	1.93	4.52	2.84	5.51	3.56	3.493
August	6.27	4.02	3.95	4.27	4.98	7.65	4.24	3.56	2.43	2.38	4.375
September..	2.30	3.46	4.47	2.98	3.45	1.91	1.02	.92	3.81	2.55	2.687
October....	5.21	4.03	2.15	6.17	1.04	2.17	5.29	4.64	2.02	5.76	3.848
November ..	5.10	4.91	3.55	3.10	3.18	4.34	3.65	3.00	3.46	1.24	3.553
December ..	3.54	4.24	3.00	2.80	2.48	2.31	4.00	2.98	2.07	3.70	3.112
TOTALS ..	46.84	37.80	34.45	42.18	34.14	34.14	39.18	37.46	37.31	35.86	37.936

10 *6218/9*
6218/9
(6219)

RAINFALL at Carrickfergus Dorisland

County of Antrim

Observer F.W. McCullough Esq.

River Basin Belfast Lough

Rain Gauge, by _____

Diameter ...	5										
Height	1.0			3.0							
Altitude ...	250 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.60	1.04	2.72	3.41	2.17	3.30	3.12	2.70	3.01	3.91	279.8
February ...	4.10	2.66	2.99	1.24	2.92	3.79	3.99	1.77	3.81	1.65	289.0
March	1.57	1.32	3.50	2.67	3.23	.90	1.97	2.00	1.13	3.16	2215
April	2.49	2.18	1.56	3.20	1.05	2.07	4.17	1.99	1.55	1.58	2164
May	2.47	1.86	1.50	2.80	1.60	1.20	6.22	4.99	2.60	1.20	2644
June	2.75	1.50	6.04	2.33	1.64	1.85	2.14	2.43	1.44	2.32	2444
July	4.16	1.49	3.60	1.77	2.09	5.21	1.47	2.76	3.49	.46	2650
August	5.07	1.76	5.40	.72	4.31	5.04	1.98	4.40	4.27	3.45	3620
September ..	1.10	.93	1.37	3.60	1.13	.77	.79	1.76	4.25	3.14	1884
October ...	2.26	3.10	3.36	3.39	1.59	3.24	6.01	5.29	3.22	2.28	3368
November ...	4.56	4.30	2.96	3.68	4.33	2.16	3.72	4.46	3.88	2.59	3664
December ...	3.65	4.86	4.20	3.54	6.43	6.15	2.30	3.02	4.56	7.40	4619
TOTALS ...	36.78	27.00	39.20	32.35	32.49	35.68	37.68	37.57	37.21	33.64	349.60

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Carrickfergus Dorisland

County of Antrim

Observer G. A. C. Stockley Esq.

River Basin Belfast Lough - 1

(Belfast W.W.D.)

(C. F. Wheeler, Esq.)

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
										MEANS.
January ...	4.23	5.10	3.52	3.63	3.44	2.88	3.55	3.75	5.87	1.55
February ...	2.10	6.60	3.51	5.07	1.10	3.24	3.36	1.70	3.88	2.65
March	1.50	2.61	1.57	1.19	1.28	1.30	1.26	2.55	3.61	1.54
April.....	2.41	8.4	3.58	3.30	2.65	3.23	2.89	1.99	1.49	1.38
May	3.65	1.75	2.01	1.83	4.35	5.54	2.29	1.88	1.22	2.33
June	3.39	3.1	2.12	0.99	3.20	1.82	1.77	4.52	4.60	2.72
July	2.49	3.07	3.27	3.05	4.48	3.30	3.54	2.95	2.07	2.93
August	2.53	3.08	3.60	6.50	4.97	1.45	4.00	2.30	4.17	5.39
September...	3.05	1.81	2.62	4.12	5.40	3.99	2.65	4.17	2.07	8.5
October.....	5.92	4.05	1.47	3.54	2.00	2.92	4.46	3.38	6.14	4.25
November...	3.16	3.96	1.66	3.13	2.98	1.32	4.15	4.17	5.16	4.33
December...	5.01	3.66	2.82	4.82	3.22	3.69	1.42	1.84	3.33	7.06
TOTALS...	39.7	430.84	31.75	41.19	39.12	33.68	35.04	35.20	43.92	35.98
					2	7	2	2	2	2

1926 Letter 2 7.6.26 "Gauge is situated under a steep bank or escarpment and also below the high embankment of a railway which is formed on the side of the bank". Roof of gauge slopes to SE. f. 669992/26.
S tested from a lantern light.

1928. Pointed with?

1930. H. S. Q. in bad position. Record will probably cease.

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
1925	54° 43' 5° 51'		Carrickfergus	2 m	W X N.		

000409

RAINFALL at Barrickferques, Dooniland
 County of Antrim Observer Belfast. W.W.
 River Basin Belfast Lough - 1 S. F. Wheeler, Esq. C.E.

Rain Gauge, by _____

(New gauge)

Diameter ...										5
Height										10
Altitude ...										250
Year 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 MEANS.										1930
January ...									1.71	3.91
February ...									2.80	.51
March									1.57	1.80
April.....									1.44	1.20
May									2.37	1.77
June									2.86	2.16
July									3.04	4.10
August									5.69	6.86
September...									1.97	4.74
October.....									4.50	5.72
November...									4.64	3.61
December...									7.35	3.36
TOTALS...									37.94	39.74
									DY	DY

1929. This new g. is set up immediately beside old g.
 1930. overexposed. Record will probably cease.

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

000408

RAINFALL at *Burkittspass (Donegal) oldg.*County of *Antrim* Observer *C.F. Wheeler, G.E.*River Basin *1-Belfast Lough*

Type of Gauge

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

664992/26.

Diameter	5"	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	3' 0"											
Altitude	250'											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.63	2.64										
February	3.40	1.11										
March	1.02	2.00										
April	2.75	3.15										
May	3.84	2.24										
June	5.45	1.58										
July	2.95	3.99										
August	3.10	2.42										
September	1.94	3.92										
October	2.09	3.40										
November	6.24	2.35										
December	3.82	5.21										
TOTALS	40.23	33.01	#									

NP

To be used in future only as a file.

1932. N.P.

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

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

0 0 0 5 2 3

RAINFALL at Carrickfergus (Donegal) new gauge.

County of Antrim

Observer E. H. Wheeler, B.E.

River Basin Belfast Lough.

S.H.W. Middleton Long B.E.

Type of Gauge.

+

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

Ref.

#. 664992/26

Diameter	5"										
Height	1' 0"										
Altitude	250'										225'
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.93	2.61	2.35	2.73	1.91	4.79	4.30	4.59	4.67	3.67	
February	3.95	1.12	2.75	3.38	4.68	3.23	6.57	1.61	3.86	2.40	
March	1.16	2.11	1.92	1.94	1.24	2.59	3.01	1.39	5.09	4.73	
April	3.02	3.41	1.50	3.86	2.72	1.27	1.93	2.44	2.89	4.90	
May	4.01	2.38	2.68	3.47	1.19	1.74	1.27	3.36	.52	1.64	
June	5.55	1.65	2.57	2.18	3.91	4.91	3.17	3.96	2.24	1.30	
July	3.40	4.25	3.52	2.88	1.36	6.37	3.79	4.11	4.87	5.90	
August	3.31	2.40	2.69	5.83	1.02	3.60	3.33	2.58	2.20	1.11	
September	2.15	4.14	1.93	3.24	4.06	3.71	2.88	3.19	2.49	2.67	
October	2.21	3.69	3.01	4.72	5.64	3.08	3.04	7.56	2.67	5.58	
November	6.49	2.43	1.89	1.08	4.41	4.32	1.28	4.25	5.58	5.95	
December	2.92	5.30	1.86	5.614	4.01	3.86	4.99	3.86	3.31	5.09	
TOTALS	42.10	32.49	27.37	39.90	36.65	43.37	39.56	40.90	40.39	44.84	

+ Gauge overexposed
1939. At altered from map sent.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church	Distance from gauge
	56° 43'	5° 51'	Carrickfergus	2m.	W.W.		

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 6219

RAINFALL at Carnlough (Donegal) II

41

County of Antrim

Observer S. H. W. Middleton Esq. C.E.

River Basin Belfast Lough - 1

R.H. McCullagh Esq. B.Sc.

Type of Gauge.

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

File No. 664992/26

Diameter	5"				967	918				
Height	1' 0"					1				
Altitude	225'	250'				41		271'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	2.26	6.83	6.01	4.65	4.45	4.30	3.68	7.87	3.18	1.94
February	3.47	2.29	2.54	1.46	4.52	3.11	.78	2.60	2.46	3.62
March	4.00	2.60	1.14	.91	1.81	2.07	4.61	2.02	2.56	1.55
April	2.43	2.14	3.02	2.85	2.32	1.13	4.03	2.64	9.89	5.03
May	2.50	3.28	5.41	2.03	4.06	1.48	3.92	2.00	2.69	1.92
June	0.51	1.64	4.48	2.82	4.58	4.17	3.97	5.83	7.3	2.24
July	4.83	4.37	2.65	4.78	4.51	3.63	3.74	2.64	3.22	5.14
August	5.07	6.81	6.64	2.49	1.30	4.94	.24	4.86	3.45	5.30
September	1.77	5.45	2.69	6.37	3.04	6.19	2.88	4.99	2.72	6.97
October	5.86	4.46	3.44	5.82	3.83	1.73	1.95	3.73	7.66	2.49
November	4.22	.87	3.42	6.03	1.48	4.88	4.94	2.52	4.10	3.21
December	1.88	5.38	2.66	4.53	4.73	3.58	2.28	4.25	5.03	2.76
TOTALS	38.80	45.12	14.10	44.24	40.63	41.21	37.02?	45.85	39.99	42.67

II Gauge overexposed - 1941 B.R.

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

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

BRITISH RAINFALL ORGANIZATION

Station No. T.F. 6219

RAINFALL at Garvagh (Donegal)

51

County of Antrim

Observer R.H. McSweeney, Esq., B.Sc.^{reigns 1851}

River Basin 1 - Belfast Lough

R.E.D. Barr, Esq., BA (1927)

Type of Gauge.

H.D.

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

Ref.

" " 40.22 " " 25 " with 1929-57 " 1916-27 File No. 26492726

E 22047/52

Diameter ...	5"			967	918						
Height ...	1' 0"					1					
Altitude ...	271'				51						
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	3.62	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	3.95	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	
	P	D	D	D	D	D	D	D	D	D	

July II 1958 100K. Look at junction of d. tube and funnel. Town site unexposed SW-E.
New site chosen to SW

000747

1 gauge shorted over-exposed:

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	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 1929 ✓	✓	✓	