

RAINFALL AT Carrickfergus Downland

Lat. _____

Lon. _____

County of _____

Antrim

Rain Gauge, by _____

Observer _____

G. E. Reilly Esq

F. W. McCullough Esq. Ch.

Relfort 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	3.228	
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	3.30	2.95	3.447	
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....	5.72	3.97	4.31	2.80	2.96	3.61	1.51	3.10	3.92	2.70	3.760	
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	40.322	

1890 St Nicholas Carrickfergus 2 Miles E

RAINFALL AT Carrickfergus, Derryland, Belfast

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	3.269
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

10 ⁶²⁹
6218/9
(6219)

RAINFALL at Carrickfergus, Down

County of Antrim

Observer F. W. McCullough, C.E.

River Basin Belfast Lough 1

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	2798
February ...	4.10	2.66	2.99	1.24	2.92	3.79	3.99	1.77	3.81	1.65	2890
March	1.57	1.32	3.50	2.67	3.23	.90	1.97	2.00	1.13	3.86	2215
April	2.49	2.18	1.56	3.20	1.05	2.07	4.17	1.99	1.55	1.38	2164
May	2.47	1.86	1.50	2.80	1.60	1.20	6.22	4.99	2.60	1.20	2624
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	1.78	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	2.22	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	7.48	4619
TOTALS ...	36.78	27.00	39.20	32.35	32.49	35.68	37.68	37.57	37.21	32.64	34960

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

RAINFALL at Carrickfergus DorishandCounty of AntrimObserver J. McCulloch by C.E.River Basin Belfast Lough - 1(Belfast W. W. No.)
(C. F. Wheeler, E.E.)

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 MEAN.
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	.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	2.52	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...	39.7	43.0	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 rise or escarpment and also below the high embankment of a reservoir which is formed on the side of the rise".
Roof of gauge slopes to SE. 7.6.26/25
S. tested found airtight.

1928. Painted with ?

1929. H. F. R. in bad position. 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
1925	54° 43' 50" N	5° 51' W	Carrickfergus	2 m	W. X N.			
							000409	

RAINFALL at Garrickfergus, Dorisland

County of Antioch

Observer Belfast. W. W.

River Basin Belfast Lough - 1 Co. F. Wheeler, Reg. Co. F.

Rain Gauge, by

(New gauge)

(New gauge)											
Diameter ...										5	
Height										10	
Altitude ...										250	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...										1.71	3.9
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	3.26
TOTALS...										37.94 27	39.74 27

1929. This new lg. is set up immediately beside old lg.
1930. Overexposed. 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	Parish Church.	Distance from gauge	Direction
						000408		

RAINFALL at Barrickfugus (Doisland) Idg.County of Antrim Observer C.F. Wheeler, G.E.River Basin L. Belfast Lough

Type of Gauge.....

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

664992/26.

Diameter	5"										
Height	3' 0"										
Altitude	250'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.63	2.64									
February	3.40	1.1									
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

Told not require in future and b1A on 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Barickfergus (Doisland) new gaugeCounty of AntrimObserver C. H. Wheeler, B.E.River Basin 1-Belfast Lough.S.H.W. Middleton 61168Type of Gauge †

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

7.664992/26

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	1.2	2.75	3.8	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	4.80	
May	4.01	2.38	2.58	3.47	1.19	1.74	1.27	3.36	5.52	1.64	
June	5.55	1.65	2.37	2.13	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	2.49	5.83	1.52	3.50	3.33	2.53	2.20	1.11	
September	2.15	4.14	1.93	5.24	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	1.99	1.08	4.41	4.32	1.28	4.25	5.58	5.95	
December	2.92	5.30	1.86	5.64	4.01	3.86	4.99	3.86	3.31	5.09	
TOTALS	42.10	34.49	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	Direction from gauge
	54° 43'	5° 51'	Barickfergus	2m.	W.N.			

Station No. T.F. 6219RAINFALL at Carrickfergus (Dorland) 11

41

County of DublinObserver S.H.W. Middleton Esq. C.E.River Basin Belfast Lough - 1R.H. McCullough 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	1950	Means
January	2.26	6.83	6.01	4.65	4.45	4.30	3.68	7.87	3.19	1.94	
February	3.47	2.29	2.54	1.46	4.52	3.11	.78	2.60	2.36	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	2.54	2.89	5.03	
May	2.50	3.28	5.41	2.03	4.06	1.48	3.92	2.00	2.09	1.92	
June	0.51	.64	4.48	2.82	4.58	4.17	3.97	5.83	.73	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	5.22	3.83	1.73	1.96	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	44.10	44.24	40.63	41.21	37.02?	45.85	39.99	42.17	
	2	2	2	2	2	2	2	2	2	2	

11 Gauge overexposed - 1941 B.R.

Position of Station on reduced Ordnance Survey Map, 1 mile 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.

Station No. T. F. 6219

RAINFALL at Carnockfergus (Donisland)

51

County of Antum

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

River Basin 1 - Belfast Lough

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

Type of Gauge M.D.

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

40-22 " 25 " with 1929-57 1916-58

File No. 66499276

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	4.1	4.15	1.74	1.77	3.47	2.90	3.13	3.18	
April ...	1.58	2.01	2.89	1.21	2.50	1.31	1.57	2.72	2.95	3.46	
May ...	2.95	1.08	2.06	4.92	3.52	1.53	2.43	2.98	1.23	2.18	
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	3.11	6.29	4.09	1.78	3.48	
October ...	0.94	3.50	1.89	6.79	3.90	3.04	3.93	2.28	4.47	6.25	
November ...	6.78	3.61	3.82	6.05	2.88	1.75	2.81	2.03	3.90	5.02	
December ...	5.64	4.47	3.64	6.21	5.80	4.59	4.59	5.83	6.43	3.24	
TOTALS ...	39.25	34.17	29.78	52.43	41.29	36.00	42.95	48.51	36.09	50.05	

Inst. III 1758 BOK. Inst. at junction of d. tube and fountain. Town site overlapped SW-E.
New site chosen to SW

000747

Gauge situated over road

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

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

Summary of Earlier Records from 10-year Sheets:

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