

000190

RAINFALL AT

Barrikerfergus Lough Mourne

Lat.

Lon.

County of

Antrim

Rain Gauge, by

Observer

G. E. Reilly Esq

Beefert Lough - 1.

Diameter								5			
Height								1.0			
Altitude								596 ft			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								2.69	2.71	3.13	
February								1.91	.62	3.12	
March								1.78	4.17	2.85	
April								2.19	1.41	3.34	
May								2.17	4.06	2.47	
June63	4.61	.64	
July								2.79	8.27	2.32	
August								2.30	4.05	7.36	
September...								6.21	1.81	2.82	
October								1.85	1.65	3.93	
November...								2.97	6.55	2.87	
December								2.72	3.93	2.95	
TOTALS								30.21	43.84	38.80	

L. Nicholas Church 5 miles SE
 Talor House 40 feet high 40 feet SW

RAINFALL AT Carrickfergus Lough Mourne

Lat. _____

Lon. _____

County of _____

Antrim

Rain Gauge, by _____

Observer _____

G. E. Reilly Esq.

F. W. McCullough Esq. C.E.

Railfast Rough - 1.

Diameter	5											
Height	10											
Altitude	596 ft			630	600							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.51	1.80	2.75	2.59	4.30	2.79	2.51	1.67	2.52	4.32	2.976	
February	1.81	.32	.98	3.81	4.77	1.03	2.49	3.34	3.11	3.65	2.531	
March	3.10	1.92	.83	1.44	2.43	4.55	4.68	5.21	1.19	2.80	2.815	
April	2.11	2.56	1.24	1.66	2.20	2.47	1.63	3.04	3.76	4.32	2.499	
May	2.46	2.61	4.87	1.99	4.00	.48	.81	2.14	3.17	5.16	2.769	
June	3.70	1.67	5.42	1.97	4.22	2.27	4.14	7.57	3.53	3.06	3.755	
July	3.29	2.55	2.55	2.57	4.82	3.63	7.91	3.49	.87	4.07	2.575	
August	3.92	7.01	6.45	5.08	2.84	5.02	2.22	6.02	5.48	1.77	4.581	
September....	3.12	3.06	2.48	2.13	.24	.65	5.20	3.43	4.85	3.30	2.846	
October	1.99	4.70	4.14	3.07	7.42	4.81	2.82	4.28	4.49	2.41	4.013	
November....	9.44	4.14	4.67	1.95	2.65	4.26	1.52	3.92	4.52	3.35	4.042	
December	2.79	4.81	2.36	3.76	3.54	4.57	6.30	6.08	4.17	6.59	4.497	
TOTALS	42.24	37.15	38.74	32.02	43.43	36.53	42.23	50.19	41.66	44.80	40.899	

1891 Carrickfergus Church 4 Miles S

RAINFALL AT *Barrickjurgus Lough Mourne*

Lat.

Lon.

County of *Down*

Rain Gauge, by

Observer *F. W. M. Callaghan Esq. C.E.*

Belfant Lough - 1.

Diameter ..	5										
Height	1 0										
Altitude ..	596 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.66	3.10	2.50	5.28	3.13	1.85	6.16	2.20	3.60	2.22	3.470
February ..	3.87	1.82	2.24	2.93	4.73	1.77	2.51	1.95	2.21	3.05	2.708
March78	2.89	2.50	5.63	2.51	3.31	2.47	4.48	4.84	4.55	3.396
April	3.73	3.40	2.41	1.59	3.52	3.13	2.20	2.10	3.61	4.61	3.030
May	4.40	2.19	4.59	3.97	3.60	2.09	5.80	4.80	2.90	2.44	3.681
June	4.80	4.02	2.09	3.00	1.99	2.48	1.49	5.60	4.02	3.10	3.259
July	4.03	1.37	2.63	5.34	3.73	2.66	3.49	2.93	3.84	4.02	3.404
August	6.15	4.37	3.75	5.37	6.08	9.23	5.13	4.52	2.70	2.69	4.999
September..	3.96	4.20	5.39	3.94	4.93	2.48	1.42	1.67	4.35	2.86	3.520
October	5.23	4.87	2.43	7.29	1.66	2.50	6.19	5.00	2.18	5.81	4.316
November..	5.87	4.46	5.04	3.28	4.29	6.11	3.80	4.14	2.54	1.47	4.100
December ..	4.05	3.65	3.22	4.12	2.61	3.13	3.68	4.12	3.62	3.83	3.603
TOTALS ..	51.53	40.34	38.79	51.74	42.78	40.74	44.34	43.54	40.41	40.65	43.486

Ans

RAINFALL at Carrickfergus Lough MourneCounty of ArmaghObserver F W McCullough Esq C.E.River Basin Belfast Lough 1

Rain Gauge, by _____

Diameter ...	5										
Height	1.0			2.0							
Altitude ...	5965										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.81	1.91	4.74	3.94	2.40	3.31	3.73	3.20	3.32	5.06	3242
February ...	5.30	3.84	3.65	1.10	4.11	4.62	4.19	2.32	4.27	2.11	2851
March	2.05	1.69	3.52	2.21	4.09	1.28	2.24	2.20	1.49	3.97	2474
April	2.30	3.35	1.46	3.52	1.50	2.25	6.07	1.65	2.12	1.53	2675
May	2.94	2.42	1.74	3.64	1.82	1.64	6.42	5.55	3.57	1.40	3114
June	3.71	2.79	6.90	2.88	1.51	1.96	2.43	2.91	1.60	3.10	2979
July	5.24	2.54	3.63	1.65	2.65	6.10	1.73	2.94	3.65	3.6	3049
August	6.58	2.84	5.84	.99	4.68	3.83	2.31	5.11	4.21	4.06	4045
September ..	1.75	1.95	1.38	4.27	1.03	1.04	.84	1.73	5.28	3.96	2322
October ...	2.79	4.25	3.40	4.24	2.04	3.50	7.25	5.64	4.41	3.44	3796
November ...	5.50	5.72	2.69	4.91	4.56	2.07	4.41	4.88	4.56	2.63	4193
December ...	5.45	7.10	4.16	3.62	7.97	8.10	2.82	2.44	4.95	8.11	5472
TOTALS ...	46.42	40.40	43.11	36.97	38.36	39.70	44.44	40.57	43.43	35.73	41.213

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

RAINFALL at Barrickfergus LonghouseCounty of WickObserver Leo McCullough Esq. C.River Basin Belfast Lough - 1(Belfast W. Whs.) (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 Average
January ...	4.96	5.40	3.85	3.84	4.61	2.91	4.96	4.38	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	2.06	1.62	1.68	1.48	1.29	1.42	2.63	5.04	.55	1.86
April	2.54	1.06	3.14	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	2.60	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. I., in 1931.

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° 46'	5° 48'	Barrickfergus	3m	N.			
						000401		

(New Gauge)

RAINFALL at Barrickfergus (Lough Moarne) old gauge.County of AntrimObserver G. 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.....

7. 664998/26

Diameter	6"											
Height	3' 0"											
Altitude	596'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.14	3.78										
February	3.13	0.8										
March	1.29	2.00										
April	2.74	3.44										
May	4.42	2.84										
June	6.40	1.95										
July	3.78	3.69										
August	3.47	2.92										
September	2.24	3.78										
October	2.54	2.68										
November	7.33	2.62										
December	3.42	6.08										
TOTALS	44.90	36.86	#									

1931. N. S. Terminated

Total not right in figure end, 6.1 A 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
	54°46'	5°48'	Barrickfergus.	3m.	N.			

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

RAINFALL at Carrickfergus (Lough Mourne) new gaugeCounty of AntrimObserver G.F. Wheeler, G.F.

1935.

River Basin 1-Belfast LoughS.H.W. Middleton, Esq., G.F.

Type of Gauge.....

Annual Average 42.5* in. based on..... years obs. un-weighted. Period of average..... Ref.....

7.664992/26

Diameter	5"											
Height	1' 0"											
Altitude	596'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.39	3.45	2.74	3.85	1.82	4.81	4.98	4.62	4.19	3.94		Totals 38.77
February	3.56	.12	3.62	.51	4.95	3.19	6.58	1.94	3.70	3.18		31.35
March	1.43	2.12	2.67	1.86	1.44	2.97	2.17	1.52	3.98	4.73		24.87
April	2.94	3.68	2.03	4.38	2.86	1.13	2.57	.35	3.00	4.74		27.62
May	4.66	3.04	2.93	3.80	1.03	2.02	1.26	3.61	.82	1.62		24.77
June	6.01	2.06	2.50	2.40	4.69	5.58	3.11	4.87	2.32	1.41		34.95
July	4.07	3.98	3.83	2.82	1.39	6.43	3.52	4.88	4.35	5.45		40.72
August	3.58	3.09	2.95	6.14	1.40	3.99	3.73	2.41	2.62	1.32		31.23
September	2.36	3.97	.80	6.26	4.58	3.82	2.33	3.98	3.33	2.58		36.01
October	2.71	4.04	3.44	5.27	6.72	3.21	3.33	7.87	3.57	5.68		45.84
November	7.60	2.80	2.05	1.38	5.40	4.36	1.61	4.65	5.84	5.93		41.62
December	3.64	6.35	2.70	7.58	3.95	4.28	4.23	3.79	3.11	4.90		46.53
TOTALS	46.95	38.70	32.26	46.25	40.23	45.79	39.42	44.49	40.83	45.48		420.40
	D	D	D	D	D	D	D	D	D	D		9.16

* Used in general tables in italics. Origin unknown.

P.W.

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 Direction from gauge	Parish Church.	Distance Direction from gauge

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

Station No. T.F. 6227RAINFALL at Carrickfergus (Lough Warren)

41

County of AntrimObserver A. S. H. Middleton Esq. C.E.River Basin Belfast - Lough - 1R. H. McCullough Esq. B.Sc.

Type of Gauge.....

Annual Average 12.5 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 664992/26

Diameter	5"				967	744						
Height	1' 0"					1						
Altitude	596'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.31	6.73	6.35	4.42	5.15	5.46	4.52	8.27	4.00	2.14		Totals. 47.35
February	3.30	2.09	2.48	1.57	4.77	3.72	1.03	3.10	9.90	4.59		27.55
March	3.47	3.13	1.09	.78	1.58	2.37	5.70	2.40	3.10	2.12		25.74
April	2.04	2.04	3.25	3.09	2.36	1.30	4.29	2.71	3.26	4.73		27.07
May	2.73	3.53	4.67	1.97	5.06	1.56	4.51	2.04	9.22	1.94		30.43
June	0.43	.82	4.15	3.25	5.17	4.60	4.54	5.33	1.06	2.91		32.26
July	5.14	3.96	2.78	5.17	5.99	3.73	4.88	3.47	3.37	6.17		44.66
August	4.72	6.54	6.54	2.73	1.39	5.38	.22	5.88	5.19	5.58		44.17
September	1.79	5.31	3.80	6.61	3.78	7.69	3.22	6.01	3.63	7.46		47.30
October	5.30	4.19	4.13	5.01	3.72	1.63	2.95	4.43	6.52	3.19		41.07
November	4.15	.80	3.50	5.61	2.36	6.37	6.19	3.32	4.86	3.35		40.51
December	2.14	4.99	2.72	4.86	5.67	4.19	2.73	5.16	5.73	2.97		41.16
TOTALS	37.52	44.13	45.46	45.07	47.00	48.00	44.78	52.12	46.04	47.15		457.27

and in general tables in tables. Origin unknown? W.

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. 6227

RAINFALL at Barishfergus (Lough Mourne)

51

County of AntonyObserver R.H. McCallaghan Esq., B.Sc.River Basin 1 - Belfast-LoughR.E.D. B.A.M., Esq., B.A. (1952)Type of Gauge H.O.Annual Average 44.5 in. based on omitted 1955 years obs. un-weighted. Period of average Ref." " 44.57 - 28 - with 1929-57 - " 1916-50 664992/26 6227/2

Diameter ...	5"			967	744							
Height ...	1' 0"				1			1' 2"				
Altitude ...	596'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.05	4.93	1.64	4.00	4.40	4.05	4.83	5.13	3.20	5.00		
February ...	3.09	1.18	1.33	4.23	4.46	1.29	2.96	5.29	1.25	3.67		
March ...	3.56	2.06	.48	4.77	2.23	2.00	3.90	2.96	2.76	3.39		
April ...	1.94	2.21	2.70	1.31	2.90	1.25	1.73	2.29	2.93	3.81		
May ...	3.08	1.49	2.42	4.62	3.49	1.75	2.76	3.26	1.38	1.74		
June ...	2.19	3.40	2.19	3.85	5.94	3.08	2.09	6.14	2.57	2.82		
July ...	3.41	2.33	6.70	4.76	1.59	3.48	4.35	6.38	3.87	8.44		
August ...	4.78	7.07	3.77	3.61	1.42	6.91	3.99	5.62	1.47	6.26		
September ...	3.10	2.21	3.50	4.76	4.78	4.61	5.70	4.77	1.65	3.42		
October ...	0.68	4.37	2.70	7.46	3.98	3.50	4.31	2.56	4.06	7.45		
November ...	7.81	2.21	4.40	6.71	3.15	1.87	2.41	2.32	4.18	5.38		
December ...	6.17	5.04	4.16	6.24	6.67	4.61	5.12	6.09	6.81	3.33		
TOTALS ...	44.86	38.50	35.99	56.32	44.99	38.40	44.15	52.81	36.13	54.21		

Ref. II 1959 J.B.O.K. by. month & site satisfactory. Unweighted measure. Area has been afforested and a new site was chosen at grid ref. 418924

000742

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 15 416 922

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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