

RAINFALL AT *Barrickfergus South Woodburn*

Lat.

Lon.

County of

Antium

Rain Gauge, by

Observer,

*G. E. Reilly Esq.**Belfast House - 1.*

Diameter								5			
Height								1.0			
Altitude								640 ft			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								1.97	2.77	3.44	
February								1.61	.83	3.21	
March								1.38	4.60	3.19	
April								2.05	1.69	3.40	
May								2.04	3.88	2.38	
June66	4.49	.64	
July								3.24	7.59	3.39	
August								2.87	4.06	8.33	
September								5.20	1.92	3.18	
October								1.65	1.60	3.93	
November								3.13	6.40	2.35	
December								2.97	3.47	2.92	
TOTALS								28.77	43.30	40.36	

1888 *St Nicholas Church 3 1/2 miles ESE*
boothage 10 feet high 72 feet N

RAINFALL AT *Barrickfergus South Woodburn*

Lat. _____ Lon. _____ County of *Anttrim*

Rain Gauge, by _____ Observer *G. E. Reilly Esq*
Belfast Lough - 1. *F W McCullough Esq CE*

Diameter	5										
Height	1 0										
Altitude	640 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.49	1.92	3.45	2.75	4.11	3.09	2.33	1.67	2.51	4.38	3.070
February	1.69	.36	1.31	4.24	4.34	.90	2.96	2.75	3.11	3.32	2.498
March	3.03	2.47	.62	1.40	2.05	4.91	4.06	4.86	1.07	2.73	2.720
April	2.14	2.52	1.19	1.58	2.01	2.84	1.38	2.65	3.75	4.64	2.410
May	2.34	3.22	5.17	1.65	4.07	.48	.90	2.15	3.51	4.85	2.834
June	5.07	1.70	4.72	2.30	4.02	2.19	4.25	6.82	3.56	3.28	3.791
July	2.96	2.07	2.89	3.26	4.76	3.50	7.16	2.60	1.07	3.29	3.256
August	3.91	5.92	6.42	5.66	2.80	4.82	2.64	6.20	5.56	1.72	4.565
September....	3.48	2.85	2.52	2.41	.26	.44	5.15	3.11	4.60	3.12	2.794
October	2.49	4.25	5.43	3.05	6.76	4.46	3.37	3.19	4.96	2.23	4.019
November....	10.74	3.89	4.53	2.52	2.57	4.09	1.46	3.10	4.26	3.70	4.086
December	3.80	4.90	2.73	3.37	3.22	4.07	6.15	5.08	3.82	5.73	4.287
TOTALS	46.14	36.07	40.98	34.19	40.97	35.79	41.81	44.18	41.78	42.99	40.490

1895 St. Nicholas 3 miles SE

RAINFALL AT Carrickfergus South Woodburn

Lat.

Lon.

County of ...

Antrim

Rain Gauge, by ...

Observer ...

F. W. Mc Carthy Esq. C.E.

Belfast Lough - 1.

Diameter ..	5										
Height ...	1	0									
Altitude ..	640	ft									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25	2.82	2.75	5.48	3.47	1.93	5.43	2.23	3.36	2.62	3.429
February ..	4.12	1.82	2.66	2.68	4.48	2.09	2.69	1.99	2.47	3.00	2.800
March87	2.76	2.48	5.49	2.76	3.49	2.35	4.57	4.60	3.72	3.309
April	3.75	3.41	2.27	2.01	2.94	2.83	2.66	2.77	3.74	5.47	3.185
May	4.08	2.01	3.37	3.51	3.83	2.32	6.64	4.91	3.06	1.98	3.571
June	5.38	3.67	2.53	2.76	1.79	3.72	1.28	5.91	3.56	3.14	3.374
July	3.43	1.23	3.70	5.32	3.71	1.76	4.42	3.16	3.88	4.47	3.508
August	6.12	4.74	3.94	5.25	6.20	9.22	5.72	4.48	3.14	2.96	5.177
September..	2.90	4.47	5.45	4.18	5.03	2.60	1.41	1.49	4.81	2.93	3.527
October	5.43	4.32	2.08	8.18	1.49	2.79	7.03	5.38	3.04	6.65	4.639
November..	6.65	4.63	4.88	4.40	3.76	5.58	4.21	3.67	3.80	1.48	4.306
December ..	3.77	4.38	3.04	4.08	3.25	3.27	4.38	4.05	5.59	3.24	3.905
TOTALS ..	50.75	40.26	39.15	53.29	42.71	41.60	48.22	44.61	45.05	41.66	44.730

RAINFALL at Carreckfeargie South WoodburnCounty of ArbroathObserver J. H. McCullough Esq. C.E.River Basin Belfast Lough 1

Rain Gauge, by _____

Diameter ...	5											
Height	1 0			3. 0								
Altitude ...	640 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEAN.	
January ...	2.66	1.28	4.41	4.69	2.21	3.30	3.23	2.85	3.34	4.70	32.67	
February ...	5.30	3.02	4.39	1.57	2.93	4.05	3.60	2.31	4.21	2.27	33.65	
March	2.19	1.71	4.11	2.82	3.64	1.11	2.09	2.16	1.28	5.03	26.14	
April	2.70	2.64	1.61	3.45	1.45	2.33	4.08	1.81	1.69	1.48	23.24	
May	2.67	2.42	1.79	3.48	1.77	1.40	6.86	5.57	2.89	1.46	30.81	
June	3.61	2.18	8.13	2.79	1.63	1.71	2.67	2.63	1.90	2.46	29.71	
July	5.16	2.08	4.54	2.27	2.48	6.02	1.52	2.92	4.07	.55	31.61	
August	6.16	2.20	7.54	.98	4.48	5.01	2.05	3.21	4.53	4.43	42.59	
September ..	1.37	1.54	1.91	4.27	1.42	.79	.85	1.48	4.79	3.37	21.79	
October ...	2.48	3.96	3.82	4.18	1.81	3.41	7.15	4.85	3.93	2.20	37.79	
November ...	5.11	4.97	3.06	4.59	4.38	2.71	4.15	4.49	4.58	2.70	40.74	
December ...	4.87	6.35	4.98	3.61	7.20	6.45	2.52	2.67	5.32	7.18	51.05	
TOTALS ...	44.28	34.35	50.29	38.60	35.40	38.29	40.77	38.95	42.53	37.83	401.29	

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

RAINFALL at Larrickfergus South WoodburnCounty of AntiumObserver W. H. Cullough Esq. C.River Basin Belfast Lough - 1

(Belfast W.W.H.)

Rain Gauge, by

(L. F. Wheeler C.E.)

(Old Gauge)

(See Sample)												
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	2.87	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	1.83	
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	2.03	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	50.83	44.05	45.62	

1930. Check N. B. 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° 44'	5° 52' W	Larrickfergus	3 1/2 m	W.			
						0004071		

RAINFALL at Garrickfergus, South Woodburn

County of Antoin Observer Welfast W. W.

River Basin Belfast Lough - 1 b. F. Wheeler, Eng. L. E.

Rain Gauge, by

(New Gauge)

Diameter ...	100-71024					100-71024					5	
Height	6220					6220 6221					10	
Altitude ...	69649					1920-28					640	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Max.	
January ...	1412	1450	1			4353	4470			2.19	4.35	
February ...	1239	1270				3028	3110			3.03	5.4	
March	1056	1080				2059	2110			.58	2.52	
April	906	930				2650	2720			1.73	1.36	
May	1678	1720				3772	2840			3.27	2.18	
June	966	990				2494	2560			3.33	2.16	
July	906	930				3593	3680			3.22	6.82	
August	1622	1660				3943	4050			7.17	7.56	
September...	1049	1070				3538	3620			1.23	5.32	
October	1813	1860				4186	4290			4.98	6.51	
November...	1592	1630 +				3631	3720			5.36	4.91	
December...	1769	1810				4112	4220			9.05	4.44	
TOTALS...	16008	16400				40350	41390			45.14	47.67	

Totals
20-30.

51.24
34.67
24.20
30.29
33.85
31.09
45.74
55.23
42.75
54.39
47.47
55.69

506.71
1011

1929. This G. is set up about 200 yards N.W. of the old South Woodburn gauge.

6221 17665 - 100:102.4

102932. 6220 180.88

6220 me 9 24/0 * que appue vultu 6221

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
						000406		

RAINFALL at Barrickfergus (South Woodburn) old gaugeCounty of AntrimObserver C. F. Wheeler, C.E.River Basin 1 - Belfast Lough

Type of Gauge

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

7. 664992/26

Diameter	5"										
Height	3' 0"										
Altitude	640'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.49	3.75									
February	3.44	1.8									
March	1.45	2.22									
April	2.91	3.26									
May	4.63	2.19									
June	6.79	2.41									
July	4.32	3.94									
August	3.96	4.72									
September	2.68	4.11									
October	2.26	3.88									
November	7.89	2.42									
December	3.44	5.64									
TOTALS	48.26	38.72	#								

1931. N. P. Terminated

Is not recd. in future anal. 61A 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° 55'	5° 52' W	Barrickfergus	3 1/2 m.	W			

RAINFALL at Barrickfergus (South Woodburn) new gaugeCounty of AntrimObserver G. H. Wheeler, B.E. 1928River Basin 1-Belfast LoughG. H. W. Middleton Esq. C.E.

Type of Gauge.....

Annual Average 4.49 in. based on..... years obs. un-weighted. Period of average..... Ref.....7.66 4992/24

Diameter	5"											
Height	1' 0"											
Altitude	640'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.41	3.35	2.64	3.42	2.14	6.01	5.44	4.91	5.04	4.35		Total 41.71
February	3.07	1.8	3.57	4.5	5.14	3.60	7.46	1.87	4.25	3.14		32.73
March	1.51	2.19	2.49	2.56	1.54	3.10	2.99	1.52	5.46	5.02		28.38
April	2.98	3.69	1.99	5.17	3.30	1.46	2.40	5.4	3.56	5.53		30.62
May	4.71	2.41	3.39	4.06	1.12	2.24	1.50	3.69	1.10	1.88		26.10
June	6.07	2.71	3.12	2.37	4.31	4.46	3.02	4.68	3.12	1.51		35.37
July	4.57	4.29	4.28	2.93	1.91	7.93	4.39	4.75	5.76	5.76		46.57
August	3.89	4.20	2.92	6.15	1.50	4.39	4.32	2.73	2.57	1.24		33.91
September	2.38	4.28	1.32	5.80	4.61	4.82	2.97	3.65	3.03	2.72		35.58
October	2.42	4.36	3.97	5.94	6.45	3.66	3.60	3.15	3.57	6.66		43.78
November	7.93	2.30	2.39	1.57	5.57	5.40	1.53	5.32	6.21	6.71		45.43
December	3.40	6.27	2.44	7.67	4.52	4.74	5.37	4.72	4.16	5.44		48.73
TOTALS	47.34	40.73	34.52	48.09	42.11	51.81	44.99	46.53	47.83	49.96		453.71

1940 Jan part estd.

* Used in general tables in italics. Origin unknown E.C.

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

Station No. T.F. 6221RAINFALL at Carrickfergus (South Woodburn) ✓

41

County of AntrimObserver S.H.M. Middleton, Esq., C.E.River Basin Belfast-Lough-L.R.H. McCullough, Esq., B.Sc.

Type of Gauge.....

Annual Average 46.5 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 624992/26

Diameter	5"			967	882							
Height	1'0"				1							
Altitude	640				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.71	7.73	6.39	4.81	(5.45)	5.55	4.41	8.90	3.83	2.46		Total 52.24
February	3.87	2.39	2.75	1.69	5.04	3.83	.54	3.21	3.06	4.47		30.85
March	3.97	3.15	1.04	.93	1.98	2.35	6.36	2.57	3.21	2.23		27.79
April	2.64	2.47	3.25	2.83	2.57	1.26	5.33	2.54	3.60	5.42		31.91
May	2.87	4.06	5.48	2.34	5.04	1.65	4.47	1.97	0.47	1.98		32.53
June	0.57	.80	5.20	3.46	5.05	4.75	5.12	5.96	.83	2.39		34.33
July	5.92	4.89	2.19	5.81	5.07	4.11	4.52	3.36	3.04	6.67		45.58
August	5.87	7.43	8.28	2.58	1.56	6.00	.28	5.44	4.33	6.94		48.71
September	2.32	6.27	3.64	7.22	4.31	7.19	3.60	6.22	3.21	8.20		52.18
October	6.78	4.98	4.04	5.64	4.45	2.02	2.46	4.23	9.61	3.39		47.60
November	5.45	1.05	3.28	5.90	1.87	5.85	6.35	3.07	5.67	3.69		42.18
December	2.04	6.04	2.85	5.15	6.71	4.55	3.14	5.61	5.61	3.27		44.77
TOTALS	45.01	51.26	48.39	48.36	49.50	49.11	46.58	53.08	48.47	51.11		490.77
	D	D	D	D	D	D	D	D	D	D		726

1945-Jan. part est. for period 1941-1944.

* Used in general tables in states. Origin unknown (P.O.).

40004

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 6221RAINFALL at Barrikerferry (South Woodlawn) 51County of Antum Observer R. H. McCullagh Esq., B.Sc.River Basin 1 - Belfast - Lough L. E. D. Bacon Esq. (1922)Type of Gauge H.O.Annual Average 44.5 in. based on 1916-50 years obs. un-weighted. Period of average Ref. 3" " 44.60 " 26 " 1926-57 " " File No. 65492/26 B22/43/55

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

High III 1938 6.0 ft. of wind. Site over-impeded SW-SE. Tuff wall rec. Trees to be planted 50' to N will reach 25' in 8 years.

000745

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

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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