

RAINFALL AT *Ballymena*

70

Lat.

Lon.

County of

Antrim

Rain Gauge, by

Observer

Bann, L. height E. - 5.

Diameter...											
Height5			
Altitude ...								1.0			
								150			
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January ...						5.93	2.23	7.83	5.10	2.51	4.35
February ...						12.8	4.68	3.99	2.12	2.16	2.63
March						1.97	5.21	4.11	2.18	2.60	2.55
April						2.27	2.90	3.37	2.55	2.56	2.17
May						2.09	.36	2.94	5.72	4.42	2.35
June						2.48	3.20	3.78	2.40	4.99	3.07
July						2.70	1.84	4.42	1.72	5.90	3.11
August ...						2.93	4.48	4.21	4.23	4.39	3.81
September ..						4.56	3.94	2.56	3.70	4.89	3.97
October ...						4.08	5.07	4.99	4.70	1.95	4.57
November ..						5.09	3.99	6.10	3.91	1.52	3.79
December ..						2.62	6.10	4.83	3.72	1.99	3.63
TOTALS ..						(36.00)	(44.00)	53.13	42.05	39.88	40.00

†

†

*

1879 A mound of earth 3ft high 9ft distant

* Average computed from Belfast, Antrim & Glawagh Moneydig & monthly distributed from Moneydig

† 1875 & 1876 ditto 15 x 10.

RAINFALL AT *Ballymena*

Lat.

Lon.

County of *Anttrim*

Rain Gauge, by

Observer *A Dawson, Esq.**Barr. L. height E - 5.*

Diameter	5										
Height	1.0										
Altitude	1507										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.15	1.34	2.49	5.91	5.72	2.55	6.22	2.71	2.69	3.54	3.532
February	2.92	5.03	3.00	4.32	3.42	4.11	3.14	1.78	1.04	3.73	3.249
March	2.43	4.21	3.17	1.79	4.51	2.73	3.37	1.56	3.04	2.51	2.932
April	4.30	1.81	2.70	1.63	1.23	2.64	1.70	1.87	1.95	2.82	2.255
May	1.42	3.16	2.96	3.08	3.15	2.88	3.40	2.42	3.26	3.31	2.904
June	2.50	4.30	4.81	1.80	.84	.77	1.65	1.20	3.48	.69	2.204
July	4.66	3.09	6.99	2.51	3.12	1.91	3.34	3.29	4.64	3.08	3.663
August	1.85	3.76	3.24	5.78	2.87	1.88	1.49	2.57	4.11	6.54	3.459
September	3.78	3.45	4.00	5.66	3.77	5.83	2.88	4.06	1.87	3.41	3.811
October	1.72	4.27	2.87	3.54	3.98	4.00	4.17	2.02	2.84	4.40	3.381
November	4.59	4.37	6.40	4.87	4.59	2.44	3.47	2.71	4.04	2.91	4.039
December	3.69	4.47	4.30	3.25	4.77	2.48	5.51	3.59	4.19	3.51	3.976
TOTALS	36.01	43.26	46.95	43.54	41.97	34.12	40.84	29.78	37.15	40.45	39.405

1880. *Ballymena*⁴²⁰
300 yards

E.

1882. *Shrub 5 ft. high 6 ft. 5 in.*

RAINFALL AT Ballymena Hanysville

Lat. _____

Lon. _____

County of Antrim

Rain Gauge, by _____

Observer A. Dawson Esq
J. R. Williams EsqBarr. L. high E -5.

Diameter	5										
Height	15										
Altitude	150 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.53	2.28	4.44	3.14	4.67	4.10	1.98	2.14	2.05	3.65	3.298
February	1.18	.46	2.28	4.34	4.54	1.45	3.24	2.56	3.56	2.62	2.623
March	2.81	2.97	1.11	1.53	2.05	3.75	4.15	4.53	2.10	2.48	2.748
April	1.75	2.47	1.24	1.24	2.25	1.65	1.75	2.58	5.45	4.29	2.467
May	2.03	3.39	3.94	1.22	2.38	.59	.82	2.55	3.79	3.82	2.453
June	4.54	1.30	3.25	3.68	2.96	3.21	4.55	5.47	2.99	1.72	3.367
July	2.74	3.04	3.18	2.67	5.13	4.40	5.90	2.24	.62	4.00	3.392
August	3.33	6.10	6.11	5.09	4.40	4.45	3.01	6.25	3.82	1.63	4.419
September....	3.75	3.13	3.77	2.87	.32	.60	4.71	2.43	4.43	4.42	3.043
October	2.85	4.71	5.39	4.06	3.77	5.67	2.80	2.58	3.06	2.36	3.725
November	10.10	3.43	3.63	2.57	3.25	3.73	1.49	2.87	3.44	3.49	3.800
December	1.80	4.33	3.70	3.82	3.60	4.63	4.80	5.26	3.46	6.42	4.182
TOTALS	41.41	37.61	42.04	36.23	39.32	38.23	39.20	41.46	38.77	40.90	39.517

1890 Ballymena Church 500 yards E
Shrub 3 ft high 6 ft S

1880

RAINFALL AT *Ballymena Harryville*

Lat. Lon. County of *Antonia*

Rain Gauge, by Observer *J. R. Williams Esq.*
Alm. L. height E. - 5.

Diameter ..	5										
Height	15										
Altitude ..	150 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.16	3.05	2.57	6.48	4.41	3.03	3.90	2.68	3.66	4.53	3.847
February ..	3.97	2.14	3.04	3.53	3.43	3.22	3.65	2.93	3.51	2.49	3.191
March	1.36	3.31	2.49	4.83	2.29	4.56	2.70	4.80	4.79	4.08	3.471
April	3.82	3.84	2.13	2.01	2.60	2.46	3.13	2.64	3.71	4.64	3.098
May	3.86	2.05	3.68	2.81	2.72	1.99	4.42	4.36	2.12	2.40	3.041
June	3.92	3.80	2.37	1.55	1.39	2.65	1.03	6.06	3.44	2.40	2.861
July	3.21	1.09	3.36	4.20	3.51	2.39	2.95	4.05	3.94	4.48	3.318
August	4.44	4.56	4.88	5.36	6.58	5.78	5.31	4.18	3.58	3.07	4.724
September..	2.76	3.77	4.72	3.79	3.92	2.09	1.83	1.59	4.62	2.66	3.175
October....	5.46	5.07	2.38	6.41	1.89	2.58	5.29	4.43	1.94	4.97	4.042
November..	6.02	5.02	4.09	2.41	3.58	4.68	4.19	3.55	3.81	2.02	3.937
December ..	3.95	4.80	3.56	3.44	3.05	2.41	4.71	3.89	4.39	3.97	3.817
TOTALS ..	46.93	42.50	38.77	46.82	39.37	37.84	43.11	44.66	43.51	41.71	42.524

1900 Ballymena Church 500 yards E
 Shrub 3 ft high 6 ft S
 1905 Ballymena Station

RAINFALL at Ballymena HarryvilleCounty of AntrimObserver J. L. Williams EsqRiver Basin Bann-Lough Neagh East 5

Rain Gauge, by _____

Diameter ...	5													
Height	1.5													
Altitude ...	150 T													
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.		
January ...	4.04	2.38	5.40	5.29	3.74	4.39	3.26	3.17	3.67	4.87	4.021	4.97		
February ...	5.66	3.62	3.49	2.23	5.27	5.46	4.62	2.10	5.36	.66	3.847	1274		
March	2.89	1.92	4.43	4.49	5.39	1.45	1.83	2.94	1.35	4.70	3.179	1682		
April	2.97	2.52	2.28	4.87	2.38	3.37	4.85	4.88	1.89	2.52	3.223	13.74		
May	3.28	3.51	2.10	4.56	2.98	1.03	6.43	4.47	2.17	2.19	3.272	1526		
June	3.45	1.86	6.75	3.56	1.88	2.46	2.30	2.50	2.14	3.15	3.005	1009		
July	4.04	2.94	4.61	1.58	2.77	4.99	2.43	3.60	4.16	1.05	3.217	1124		
August	5.78	3.24	7.05	1.24	5.31	2.61	2.88	5.08	4.69	3.67	4.155	1632		
September ..	1.73	1.69	2.47	3.54	2.13	1.02	1.62	2.36	7.17	3.44	2.717	1459		
October ...	2.86	3.28	3.43	4.71	1.92	3.25	6.35	6.27	4.24	3.41	3.972	2027		
November ..	4.84	5.06	4.79	4.32	5.84	3.66	4.12	5.76	5.69	3.93	4.801	1950		
December ...	5.09	7.33	6.28	4.61	10.01	6.21	3.59	4.49	5.10	6.60	5.931	1978		
TOTALS ...	46.63	39.35	53.08	45.40	49.62	39.90	44.28	47.62	47.63	39.99	45.350	177.32		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Chureh.	Distance.	Direction.
1912	54.52	6.18. W	Ballymena					

RAINFALL at Ballymena HarryvilleCounty of DownObserver J. R. Williams Esq.River Basin L.ough. E. - 5

Rain Gauge, by _____

Diameter ...	5			5								
Height	1 4 ¹ / ₂			1 4 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	6.43	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	5.43	3.21	1.37	3.07	40.81
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	43.46	48.54	44.92	43.81	40.29	52.61	43.43	44.59	489.19

New glass 1/4.

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 Ballymena (Harryville)County of AntrimObserver J.R. Williams retired 1940River Basin 5-Bann-Lough Neagh, EastRobert A.E. Armstrong Esq.Type of Gauge 1941 M.O.Annual Average 41.5 in. based on 35 years obs. un-weighted. Period of average 1891-1915 Ref. B.M.N.f A 200107/40

Diameter	5"											
Height	1' 5"											
Altitude	150'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.41	4.32	2.58	3.83	2.13	5.26	5.08	5.25	4.47	3.58		40.91
February	4.57	2.22	3.54	5.8	4.30	2.29	5.72	2.01	3.94	2.51		29.88
March	1.93	2.61	2.64	2.70	1.40	2.67	3.65	3.20	4.74	5.12		30.76
April	2.99	4.44	1.80	3.37	3.48	1.10	2.49	.51	2.33	4.10		26.61
May	5.34	2.18	2.46	4.11	1.66	1.91	2.19	4.54	1.56	1.83		27.77
June	4.46	2.32	2.85	2.43	4.20	2.43	2.80	5.11	2.29	2.12		31.01
July	4.19	4.18	2.53	2.35	1.80	7.05	4.99	4.62	5.44	4.00		41.15
August	3.13	2.17	2.78	5.42	1.86	3.04	4.14	3.18	2.83	1.59		30.14
September	2.30	3.78	0.61	6.17	5.66	4.93	2.38	3.75	3.92	4.20		37.70
October	3.02	4.31	4.29	5.53	7.00	3.94	2.99	7.34	2.54	5.42		46.88
November	6.33	3.11	2.48	1.64	4.79	4.62	1.45	5.82	5.20	5.80		41.24
December	3.32	6.03	2.62	5.80	4.12	5.07	4.45	3.98	3.67	5.72		44.78
TOTALS	45.99	40.17	31.18	43.93	42.59	44.31	42.33	49.41	42.93	45.99		428.83

1941. (23.9.) M.O. gauge 5" measure bought.

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
	52°52'	6°18'						

Station No. M. 6235RAINFALL at Ballymena (Harrville)

41

County of DownObserver Robert A. E. Armstrong Esq.River Basin Bann Lough Neagh East - 5R. Taylor Campbell Esq. (Dec. 1945)Type of Gauge M.O.The Secretary (1945)Annual Average 41.5 in. based on 25 years obs. un-weighted. Period of average 1881-1905 Ref. B. 51 N.File No. A 200107/40

Diameter	5"				953	210						
Height	1' 5"					1						
Altitude	150'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	1.65	7.25	4.90	3.97	4.47	6.12	3.70	6.19	3.53	2.20		43.98
February	3.31	2.42	2.46	1.37	3.86	3.10	1.63	2.34	3.04	3.18		26.71
March	3.36	2.83	1.03	1.16	1.74	1.70	4.38	2.28	2.63	1.86		22.97
April	1.92	2.93	3.30	2.51	1.71	0.95	3.98	1.54	2.56	4.90		26.30
May	2.30	3.89	4.37	2.00	4.89	0.82	3.34	1.28	2.31	1.92		27.12
June	0.47	0.72	3.42	2.21	4.05	4.11	4.17	4.26	1.45	2.70		27.76
July	4.03	6.14	1.80	3.70	4.65	3.74	4.18	3.33	2.15	8.93		42.65
August	6.60	6.46	5.57	3.84	1.93	6.42	0.26	3.31	2.93	6.37		43.69
September	1.38	5.10	3.27	5.82	2.77	5.95	3.77	4.51	2.48	8.69		43.74
October	5.95	4.75	4.33	5.01	3.65	1.07	1.86	4.74	5.36	3.51		40.23
November	4.14	1.18	4.07	4.92	0.82	3.94	6.07	3.00	4.33	2.83		35.30
December	2.39	4.77	2.82	5.03	4.03	4.54	2.75	5.69	5.09	4.21		41.32
TOTALS	37.50	48.44	41.34	41.54	38.71	42.46	40.09	42.47	37.86	51.30		421.77

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.

51

Observer Donald R. Leatham, Esq.

Type of Gauge..... M.O.

Annual Average 41.5 in. based on 35 years obs. un-weighted. Period of average.....1881-1915. Ref. B & N
43.41 " " " " "1916-1950 " " " " "P

File No. A. 200107/40

Diameter ...	5"			5"	953	210						
Height ...	1' 5"		1' 0"	1' 0"		1						
Altitude ...	150'			150'		51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	51-60
January ...	3.57	4.89	1.63	3.82	3.86	3.54	4.74	4.34	2.73	3.61	3673	
February ...	2.76	1.26	1.65	4.13	3.83	1.37	2.36	4.35	1.19	3.98	2688	
March ...	2.20	2.08	0.54	2.89	.75	1.30	3.07	1.57	2.50	2.09	1919	
April ...	1.56	1.61	2.32	.61	2.42	1.40	1.60	1.70	2.78	2.59	1859	
May ...	1.45	1.50	1.73	4.36	2.78	1.26	1.55	2.57	1.37	1.76	2033	
June ...	3.29	2.97	2.93	3.50	3.95	3.47	3.43	3.54	1.61	2.14	3083	
July ...	3.55	2.04	4.18	3.99	1.16	4.47	4.53	4.75	3.30	5.92	3789	
August ...	4.94	7.04	4.30	2.38	.97	6.53	3.44	4.45	.77	4.31	3913	
September ...	2.42	2.90	3.60	4.63	4.69	2.55	6.52	3.90	1.70	2.67	3458	
October ...	1.34	4.10	2.53	7.76	3.54	3.63	4.12	2.24	5.16	3.76	3818	
November ...	7.29	3.59	3.20	5.75	2.17	2.39	1.46	(2.09)	3.70	3.37	3496	
December ...	4.98	4.66	3.76	6.04	4.34	4.52	5.66	4.33	6.74	3.34	4837	
TOTALS ...	39.35	38.64	32.37	49.86	34.46	36.63	44.48	39.78	33.55	39.54	3856	✓

Pres. II 1955 / BOK. g. round. Satisfactory exposure.

00024

000726

No. of Map.....

IRISH
National Grid Reference $P(34)1087029$

[illegible]

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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