

RAINFALL AT *Bellareena**C. Londonderry*Rain (By *Self at Hygate B. R.*)Gauge (Diameter *5* in. Height above Ground, *1* ft. in. Above Mean Sea Level, *20* ft.)*12-67**Fog &c. 5.*

YEAR.....						1865	1866	1867	1868	1869	MEANS.
January .....						3.90	5.70	4.86	3.37	2.52	
February .....						5.53	4.25	3.02	4.08	3.91	
March .....						2.94	2.61	2.06	4.53	1.95	
April .....						1.50	1.24	3.56	1.75	1.84	
May .....						2.08	1.06	3.21	2.11	1.98	
June.....						.83	1.32	1.42	.75	2.61	
July .....						2.18	2.07	5.23	.50	2.14	
August .....						5.44	4.17	2.48	4.59	2.16	
September ...						.58	3.35	1.71	1.81	4.03	
October.....						4.65	4.09	2.34	6.39	3.36	2.85
November.....						3.81	4.65	4.94	1.13	3.75	6.12
December.....						1.08	2.61	5.45	2.69	3.34	4.62
TOTALS .....						36.33	38.50	37.76	33.94	36.73	

*C C C C C C C**In an open space in a walled garden 150 ft from the nearest wall or tree.**1868 Min Temp. Jan 4<sup>th</sup> 13°**1869 Min Temp. of year 21° on 28<sup>th</sup> of Dec.**Hydro No. 940260*

RAINFALL AT *Londonderry Bellarena*

Lat.....

Lon.....

County of *Londonderry*Rain Gauge, by..... Observer *Sci. J. Heygate B.S. M.P.**Style + C - 5.*

Diameter.....	5												
Height.....	1												
Altitude.....	12			12 <sup>π</sup>									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS		
January.....	1.66	3.58	4.42	4.80	3.22	2.94	2.21	4.53	4.51	2.24	3.361		
February.....	2.15	1.93	3.64	1.01	2.37	1.21	3.71	4.51	1.76	1.06	2.335		
March.....	1.61	2.05	2.70	1.88	2.09	1.62	5.20	3.30	2.65	1.73	2.460		
April.....	1.51	4.22	3.34	.89	2.14	.76	2.27	2.65	2.38	1.62	2.178		
May.....	1.84	.85	2.97	2.18	1.16	1.79	.46	1.63	4.30	2.88	2.006		
June.....	2.33	2.47	4.47	1.37	2.40	2.72	2.03	3.11	4.25	3.92	2.907		
July.....	1.83	6.32	1.58	5.97	3.75	2.02	2.13	6.32	.48	5.58	3.578		
August.....	1.91	2.51	4.05	5.00	3.71	2.89	4.01	5.40	4.15	3.25	3.685		
September.....	3.26	3.23	6.14	2.71	4.38	3.96	3.72	2.67	4.10	3.77	3.794		
October.....	1.34	2.50	4.76	6.14	4.33	4.73	4.06	4.65	4.30	2.10	4.491		
November.....	2.20	2.38	5.31	3.09	4.22	6.03	2.44	5.44	4.12	2.19	3.742		
December.....	3.34	2.17	3.98	2.82	5.08	1.93	6.12	3.43	4.00	1.88	3.425		
TOTALS.....	30.98	34.21	47.36	36.83	38.85	32.60	38.36	47.64	41.00	32.22	38.005		

Hydro No. 940260

## RAINFALL AT

Bellarene

Lat. ....

Lon. ....

County of

London &amp; Derby

Rain Gauge, by

Observer

Sir F. W. Leygate Bt.

Foye &amp; Co. - 5.

Diameter ....	5										
Height .....	1.0								3.0		
Altitude ....	127										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.16	1.26	2.84	4.85	4.82	1.75	5.69	2.17	2.44	2.46	3.044
February ....	2.26	2.78	3.73	3.74	3.29	3.27	2.92	1.97	1.65	4.43	3.004
March .....	2.46	5.03	4.04	2.22	3.14	1.72	3.05	1.73	3.66	2.79	2.984
April .....	3.44	1.18	3.01	1.71	1.93	3.22	2.20	1.98	2.09	3.68	2.444
May .....	1.60	2.01	2.74	3.11	3.08	3.05	2.93	3.03	2.15	3.00	2.670
June .....	1.95	4.19	3.51	3.10	1.08	7.9	3.28	1.43	3.76	.60	2.399
July .....	5.32	3.57	4.75	2.82	3.12	1.70	2.22	2.81	5.49	4.34	3.614
August .....	.88	3.52	2.41	5.11	4.20	2.98	2.37	4.70	4.97	6.89	3.803
September ....	2.88	2.59	4.44	5.86	3.34	4.39	4.03	4.16	1.21	3.43	3.633
October ....	2.12	2.80	2.36	4.14	4.23	4.58	3.46	2.67	2.45	2.75	3.156
November ....	5.56	4.49	7.05	4.74	4.66	2.67	3.52	4.19	5.89	2.79	4.556
December ....	3.88	3.20	4.07	3.91	4.23	2.64	6.89	3.86	3.24	2.77	3.869
TOTALS ....	34.51	36.62	45.25	45.31	41.12	32.76	42.56	34.70	39.00	39.93	39.176

Hydro No. 940260



# RAINFALL AT *Bellarena*

Lat. ....

Lon. ....

County of *Londonderry*

Rain Gauge, by

Glaeser

*Sir F. H. Heygate Bart*

*Yoke 12-5.*

Diameter ....	5											
Height .....	3 0	1 0										
Altitude ....	12 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.77	2.16	4.54	2.01	5.30	3.69						
February ....	.39	.21	3.53	4.07	5.77	.91						
March .....	2.42	3.45	1.59	1.94	3.03	3.16						
April .....	1.14	1.38	1.63	1.16	1.31	2.04						
May .....	1.42	2.21	3.50	2.20	2.87	.63						
June .....	2.68	1.43	3.90	1.39	1.55	2.80						
July .....	4.35	3.50	2.49	3.48	3.66	3.21						
August .....	4.66	5.06	4.16	5.78	2.85	5.09						
September....	3.35	3.33	3.30	4.89	.29	1.07						
October .....	4.01	5.76	5.27	5.00	3.03	6.92						
November....	7.11	3.06	3.67	2.95	2.27	2.49						
December ....	1.06	5.01	3.21	3.82	3.34	5.30						
TOTALS ....	37.36	36.66	40.79	38.69	35.27	37.31	No Rain					

1894 Tamlaghland Ch. 2 miles E

Hydro No. 940260

# RAINFALL AT

*Limerick Bellarena*

Lat. ....

Lon. ....

County of *Londonderry*

Rain Gauge, by .....

Observer *Douglas Lady Maygate*

*70yle 1C - 5.*

Diameter...		5									
Height ....		10			1.3						
Altitude ..		20			7						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		3.21	3.42		3.98	2.87	5.20	3.11	2.48	4.56	
February ..		1.49	1.21		2.87	3.54	3.46	2.70	3.71	2.60	
March ....		2.33	2.64		1.51	2.94	4.44	4.76	5.45	3.93	
April .....		2.34	1.43		2.44	2.47	3.40	3.01	3.39	3.19	
May .....		1.49	4.93		2.79	1.53	3.22	4.09	1.84	2.93	
June .....		3.86	1.52		1.23	1.56	1.14	6.22	2.71	1.77	
July .....		1.37	3.44		3.13	2.83	2.57	3.31	2.47	4.11	
August ....		4.45	2.26		6.11	4.39	4.32	5.83	3.48	3.24	
September..		2.72	3.78		2.19	2.30	1.15	1.55	5.06	1.97	
October ....		3.49	2.25		1.74	2.83	3.04	4.72	1.26	3.68	
November ..		5.54	2.60		4.65	4.67	4.04	3.62	3.06	2.14	
December ..		4.22	2.87		3.06	2.61	4.88	4.10	3.09	4.83	
TOTALS ..		36.51	32.35		35.70	34.54	40.86	47.02	38.00	38.95	

1906 Tamlaghland Church 2 1/2 mile NE.  
Bellarena Station 1 1/4 N.

RAINFALL at BellarenaCounty of LondonderryObserver Dawson/Lady HeygateRiver Basin Foylesc 5Sir F.G. Heygate Bt. (N)Rain Gauge, by Casella

Diameter ...	5										
Height .....	1.3						0 11	0 11	1 0		
Altitude ...	7						6	6			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.38	1.53	3.13	3.64	1.74	3.00	2.55	3.02	2.75	3.63	2.937
February ...	4.25	3.79	2.10	1.88	6.21	3.61	4.06	2.14	3.64	.79	3.247
March .....	2.23	2.00	4.30	2.98	4.21	1.51	3.20	3.19	.83	3.71	2.816
April .....	2.14	2.33	2.31	3.06	1.53	2.70	3.73	2.89	1.90	2.14	2.476
May .....	1.88	1.40	1.32	3.74	1.81	.79	6.85	3.28	1.63	1.21	2.391
June .....	3.32	.70	7.14	3.04	1.58	2.34	1.84	2.57	1.87	4.21	2.861
July .....	3.31	3.24	2.93	2.20	2.02	4.01	1.88	2.12	2.89	.94	2.554
August .....	5.19	2.67	6.22	1.68	2.94	2.67	2.68	3.07	4.68	3.99	3.679
September ..	1.08	1.83	2.24	3.52	2.36	.94	1.61	1.50	6.25	2.96	2.429
October ...	2.22	2.00	3.56	1.74	1.43	1.74	6.34	7.13	4.50	1.75	3.241
November ...	4.86	4.14	3.97	3.16	4.53	2.69	5.24	6.36	3.82	4.39	4.316
December ...	3.80	3.65	4.34	4.46	6.53	5.89	4.00	4.03	4.52	6.17	4.739
TOTALS ...	38.66	29.28	43.56	35.10	36.89	31.89	43.98	43.30	39.28	34.92	37.686

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	55.9	7 W	Bellarena	1 1/2 mile	N.	Lamington	2 m	E



RAINFALL at BellaronaCounty of DundoderryObserver Sir T. G. Keygate, <sup>Sec.</sup> for I.R.A.River Basin Toyle + C - 5

Rain Gauge, by \_\_\_\_\_

Diameter ...						8"			5"		
Height .....						3' 9"		2.0.	2	6	4.0
Altitude ...						12'			12		12
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<sup>1930</sup> MEAN.
January ...						2.81	4.51	4.85	6.45	1.04	3.76
February ...						4.65	3.10	1.86	3.30	1.74	.94
March .....						3.43	2.10	2.26	2.61	1.56	2.53
April .....						3.60	1.31	3.11	1.23	1.36	2.16
May .....						3.76	3.86	1.87	1.02	2.09	1.46
June .....						1.04	3.50	3.20	5.24	2.95	2.53
July .....						6.07	3.94	4.11	1.97	3.42	3.15
August .....						2.31	4.64	4.38	6.11	6.06	5.89
September...						4.14	4.24	5.02	4.38	1.33	1.99
October .....						2.91	5.24	3.49	4.95	6.11	5.00
November...						2.71	4.86	3.80	5.21	4.10	4.29
December... <i>See next sheet</i>						5.03	2.45	1.38	3.01	6.12	3.12
TOTALS...						42.46	43.75	39.33	45.98	36.88	36.82

\* Self recording

1929. Hill 1260 ft. high, 2 m. E.

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
1927.			Bellarona.	1 1/4 in.	N.	Samboagh East.	2 m.	E.
							000374	

RAINFALL at BellarenaCounty of LondonderryObserver Li & G. HeygateRiver Basin Fyfe - 5.per Murphy

Rain Gauge, by \_\_\_\_\_

Diameter ...	5			5							
Height .....	3	1.2	1.3	1.0							
Altitude ...	7	6	4								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.17	5.08	3.68	4.32							
February ...	2.51	1.26	3.14	3.93							
March .....	2.74	3.30	1.96	1.22							
April .....	1.58	1.53	4.00	3.20							
May .....	3.44	1.99	2.37	1.92							
June .....	1.66	.47	2.76	1.59							
July .....	3.21	2.99	3.76	2.97							
August .....	2.83	4.17	3.24	5.97							
September...	3.90	1.82	2.45	5.00							
October .....	4.37	4.36	.99	5.14							
November...	3.26	3.79	2.67	4.93							
December...	2.64	5.33	3.54	5.15	See previous sheet.						
TOTALS...	36.31	36.09	34.56	45.34							

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
	55° 9'	7°	Bellarena	1 1/2	N.	Lambeg Church	2 1/2	E
							0 0 03	7 3



RAINFALL at *Bellarena*County of *Londonderry*Observer *Sir F. G. Hoggate, Bt.* *died 1940*River Basin *S-Foyle & C**Lady Hoggate*

Type of Gauge.....

Annual Average *38.4* in. based on ..... years obs. ~~un~~-weighted. Period of average *1881-1915* Ref. *A. W. Slab.*

Diameter .....	5"									8	
Height .....	4' 0"									3 4	
Altitude .....	12'										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	4.20	4.34	2.97	3.12	2.36	4.07	5.02	5.23	2.83	1.40	
February .....	4.14	1.4	3.34	.64	3.17	1.61	5.11	1.61	3.35	2.56	
March .....	.62	1.73	2.00	3.32	1.11	1.93	1.65	1.82	3.09	3.99	
April .....	2.06	3.75	1.35	3.02	2.99	.64	2.02	.35	1.82	3.56	
May .....	1.57	1.93	2.93	2.54	1.37	1.04	2.12	2.32	1.06	1.62	
June .....	3.98	1.01	2.21	2.66	3.61	1.89	1.56	2.94	2.22	1.09	
July .....	2.95	3.90	2.54	2.03	1.30	5.29	4.19	4.11	3.09	4.30	
August .....	2.42	2.19	2.41	4.33	2.87	2.83	2.31	2.32	1.44	1.66	
September .....	2.91	3.66	.57	4.93	4.32	3.75	2.81	2.52	2.51	3.04	
October .....	2.20	4.84	3.51	5.55	7.10	3.88	2.03	6.05	1.74	2.78	
November .....	4.42	3.66	2.02	1.67	3.78	6.32	1.32	5.99	4.42	4.12	
December .....	2.95	4.45	2.39	2.74	3.63	3.63	2.12	3.22	2.83	4.66	
TOTALS .....	34.42	35.60	28.24	36.55	37.41	36.88	32.76	38.48	30.40	34.78	

1936 n.p. late.

97 85 100 79 91

1938 and 1939 n.p. late. Values received 29/10/40. *W.H.*

\* Average computed by Mr. Corrie and found to give percentage values fitting the maps. 11/5/34

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
			<i>Bellarena</i>	<i>1 1/2 m</i>	<i>N.</i>			

Station No. 6248

RAINFALL at Bellarena (R)

41

County of Londonderry Observer Lady HeygateRiver Basin Styke & C. S Sir John HeygateType of Gauge Recorder (clock)Annual Average 38.4 in, based on 1941-1945 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.File No. 166269/32

Diameter	8"			940	260						
Height	3-4					3'6"					
Altitude	12'				41			6'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.51	4.53	3.30	4.55	3.00	2.94	2.32	4.56	2.56		
February	3.21	1.75	3.27	1.53	3.48	3.27	.98	2.10	2.82		
March	3.43	2.11	1.20	1.18	1.68	1.43	3.82	2.13	2.12		
April	1.98	1.36	2.94	1.92	1.85	1.17	3.42	2.22	2.90		
May	1.89	4.75	3.49	2.97	4.39	1.02	2.98	1.64	2.08		
June	0.58	1.03	3.59	2.59	3.40	3.12	4.49	3.78	1.21		
July	2.88	3.85	1.66	3.21	5.36	5.27	4.24	2.79	2.04		
August	3.55	4.68	4.92	1.93	1.50	4.53	.05	3.17	1.88		
September	.60	5.21	2.82	4.62	2.64	4.75	2.47	4.47	2.47		
October	3.62	4.56	2.48	4.17	3.99	.79	1.68	3.91	4.88		
November	2.75	1.41	4.04	4.72	.65	2.10	5.74	2.31	2.16		
December	1.87	5.18	2.14	3.43	2.71	3.11	1.94	4.84	5.18		
TOTALS	26.87	40.42	35.85	36.62	34.31	33.50	34.13	37.92	34.22	N.R.	
	D	D	D	D	D	D	D	D	D		

Gauge not a standard pattern. Measurements given in 1941 are correct. Gauge cannot conveniently be lowered as it stands on a small table. When it lays flat they are replaced in the Register above ground may vary.

1943. Monthly totals recd 19.645 - n.p. late. (probably 20% low)

\* Average deduced from BR. 1940-42 + 43-45. 1943 printed.

Note. 1947 n.p. Subsequent records will not be printed until standard gauge is in use.

1949 n.p.  
1950 no record, see BR. 649, p. 135269/32.

24-670325

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 24-663299

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Bellarena	1 m	N.W.	Tamlaghtard	2 m	N.
1944				1 m	N		1 m	N

Station No. 6248RAINFALL at Bellarena (R)

51

County of LondonderryObserver Sir John HeygateRiver Basin S-Fayle & CType of Gauge Recorder (clock)

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

File No. 166269/32

Diameter ...	8"										
Height ...	3' 6"										
Altitude ...	6'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<del>X</del>										
February ...											
March ...											
April ...											
May ...											
June ...											
July ...											
August ...											
September ...											
October ...											
November ...											
December ...											
TOTALS ...											

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

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

Summary of Earlier Records from 10-year Sheets :

000704

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓ np. 27.30 date 3 N 31. 2 40	41-49 np. 47-49 ✓	