

RAINFALL AT

*Dublin, Botanic Gardens, Glasnevin
Dublin.*

Observer *M. J. Greenwood A.L.S.*

Rain { By

Gauge { Diameter.....in. Height above Ground,ft.....in. Above Mean Sea Levelft.

Lifey &c - 2.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808		MEANS.
January.....			.68	1.72	3.22	2.76	2.15	2.16	.67		
February.....			1.14	1.00	.50	.83	1.12	1.50	1.50		
March.....			1.14	1.19	4.60	.85	2.52	.45	.66		
April.....			.86	1.70	1.71	1.00	1.00	.57	1.28		
May.....			.75	1.19	2.71	1.85	2.94	3.45	2.34		
June.....			1.63	1.00	1.45	.87	.90	1.35	1.67		
July.....			4.42	.47	3.00	4.60	3.20	1.33	4.50		
August.....			2.76	2.45	3.26	2.26	1.29	1.83	1.84		
September.....			1.40	.60	.40	2.40	2.13	7.33	1.59		
October.....			3.24	3.22	3.10	2.86	1.67	3.00	2.04		
November.....			3.70	2.75	2.70	.68	3.92	1.75	2.33		
December.....			5.25	4.68	3.61	2.37	2.22	1.78	2.787		
TOTALS			26.97	21.97	30.26	23.33	25.06	26.50	23.19		

Extracted from Trans: Dublin Soc. Vols. III to VI by D. J. W. Moore

Glasnevin
Dublin

D Moore. Esq.

7 64
8 63

69 62.

+ Ground 6 ft. + Sea Level 65 63 64
6 ft 66 = 65 65

Lepus - 2.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	3.54	2.15	3.03	2.49	1.45	1.49			2.34	4.27	
February - -	.69	2.99	.57	.40	1.08	1.79			1.61	1.30	
March - - -	1.95	3.05	2.99	1.56	2.58	1.15			1.63	2.29	
April - - -	2.23	1.50	3.31	1.30	.73	1.10			1.62	1.80	
May - - -	3.67	.15	2.42	1.18	1.59	3.12			1.09	3.10	
June - - -	3.38	2.99	2.24	2.12	1.14	.75			.72	.58	
July - - -	2.67	4.96	3.38	.63	.87	2.03			.64	.70	
August - -	4.18	2.85	1.84	2.92	.92	3.95			4.20	1.09	
September -	1.99	3.62	2.24	2.77	1.59	.03		4.45	2.39	2.25	
October - -	1.87	2.06	2.71	6.01	6.13	3.35		1.60	.77	2.28	
November -	2.31	2.92	1.44	2.51	3.85	2.71		.57	1.65	2.13	
December -	2.60	.92	1.87	2.16	2.07	2.87		1.41	4.87	2.35	
TOTALS -	31.08	30.16	28.04	26.05	23.95	24.34			23.53	26.14	

Peak of Order

✓ 18 wing cost C C C C C C C

RAINFALL AT *Glasnevin Botanic Gardens*

Lat.....

Lon.....

County of.....

Dublin

Rain Gauge, by.....

Observer.....

*Daniel Moore Esq.**Lifes TC-2.*

Diameter.....	3.0				9	9	8				
Height.....	10.0				11	11					
Altitude.....	65.0		60		53	56					
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	# 2.95	3.17	3.18	2.00	1.89	3.4	4.27	1.78	1.75		
February.....	1.16	2.26	.38	2.27	2.83	3.17	1.73	1.69	3.23		
March.....	.69	3.16	2.17	1.12	.89	2.18	3.57	1.31	1.77		
April.....	2.65	2.96	.62	1.34	.76	2.38	4.31	3.05	1.82		
May.....	.26	2.47	1.10	1.51	.93	1.09	1.99	4.95	2.13		
June.....	1.87	3.55	1.15	.23	3.55	1.57	1.17	4.92	3.73		
July.....	5.25	1.37	3.14	2.67	2.87	1.49	3.03	.79	4.14		
August.....	1.36	4.76	4.26	4.24	1.96	2.39	4.05	4.89	3.54		
September.....	3.79	2.84	2.32	1.82	3.26	3.57	1.28	1.85	2.37		
October.....	2.62	3.47	3.37	2.58	7.14	4.23	2.11	1.87	1.18		
November.....	1.20	3.36	2.32	3.09	4.70	3.68	2.71	1.38	1.34		
December.....	1.26	4.83	.67	3.42	1.40	6.21	2.34	1.57	1.00		
TOTALS.....	2200	25.06	38.20	24.63	26.29	32.18	32.30	32.56	30.05	28.00	(29.12)

C C

1874 new gauge started July 1st old one entirely discontinued

1870 estimated from Dublin Feb William Sq.

RAINFALL AT *Glasnevin Botanic Garden*

Lat.

Lon.

 County of *Dublin*

Rain Gauge, by

 Observer *H. H. Moore, Esq.*
Lifes 4c - 2.

Diameter	8										
Height	0.11										
Altitude	65 π						62 π				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.59	1.24	1.25	1.88	2.33	1.66	3.04	1.38	.84	1.83	1.604
February	2.47	2.88	1.55	2.96	2.69	2.17	2.11	.48	1.09	2.16	2.081
March	2.55	1.43	2.41	.96	1.40	1.26	1.67	1.34	3.47	.91	1.840
April	1.82	1.32	3.40	1.66	1.56	1.77	1.25	1.08	1.57	2.39	1.782
May .....	.46	1.80	1.48	2.03	1.44	1.99	5.35	.79	.75	1.67	1.773
June	2.70	2.36	2.08	2.00	1.03	1.06	.87	.27	3.54	.04	1.595
July	6.26	2.00	3.75	2.37	2.38	.82	1.38	.83	4.13	2.17	2.609
August	1.15	4.95	2.05	3.23	.98	2.20	1.31	1.59	1.73	5.26	2.445
September	2.18	1.40	2.60	3.15	1.05	2.53	2.60	1.74	.63	1.13	1.901
October	8.16	2.82	3.05	1.90	.74	3.21	5.66	1.16	1.11	4.82	3.263
November	3.90	2.01	3.63	3.23	1.31	1.62	2.00	2.43	5.61	1.08	2.682
December	3.16	1.26	4.02	1.43	1.58	.53	2.68	.95	2.28	2.01	1.990
TOTALS	36.40	25.42	31.57	26.80	18.46	20.82	29.92	14.04	26.75	25.47	25.565

*Glasnevin Church 1/2 mile N.E.
1886 Gauge moved 44 ft. S.*

RAINFALL AT Glasnevin Botanic Gardens

Lat. _____

Lon. _____

County of Dublin

Rain Gauge, by _____

Observer FW Moore Esq

Lifey &c - 2.

Diameter	8										
Height	10										
Altitude	75 ft	68 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.00	.83	2.31	2.58	2.94	5.56	.76	2.86	2.13	2.66	2.583
February ....	.81	.03	2.38	2.75	2.42	.78	1.23	1.58	2.05	1.83	1.586
March	3.47	1.33	1.12	.36	1.60	2.88	3.83	3.31	1.23	1.03	2.016
April	1.42	1.70	1.37	1.14	3.02	1.86	1.05	3.07	2.71	2.64	1.998
May	2.52	2.98	4.47	2.32	4.00	.23	.33	1.28	3.58	2.49	2.420
June	2.32	2.91	1.82	1.96	1.87	2.47	1.47	3.70	1.87	2.03	2.242
July	2.04	2.85	2.53	2.29	3.72	5.40	5.93	1.87	1.13	3.19	3.095
August	3.17	5.42	3.85	3.40	3.56	4.87	1.48	4.55	4.54	3.60	3.844
September...	2.68	2.74	2.72	1.09	.42	.60	5.33	2.57	2.01	3.58	2.374
October .....	.90	3.52	2.98	1.14	3.96	3.00	2.47	2.14	4.20	1.54	2.585
November...	4.54	2.86	2.50	2.00	1.28	3.07	.79	3.67	4.59	1.99	2.729
December ...	1.99	3.59	1.18	2.72	1.61	4.28	4.46	2.32	1.29	3.93	2.737
TOTALS	28.86	30.76	29.23	23.75	30.40	35.00	29.33	32.92	31.33	30.51	30.209

1880

RAINFALL AT Glasmavin Botanic Gardens

Lat. Lon. County of Dublin

Rain Gauge, by

Observer

F. W. Moore Esq

Liffey TC-2.

G. F. Ball.

Diameter ..	8										
Height	1.0										
Altitude ..	68 K			55							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.05	3.13	1.64	3.49	2.53	1.71	3.98	.62	2.14	1.35	2.364
February ..	3.40	1.36	1.68	2.36	3.62	.73	1.75	1.29	1.88	1.04	1.911
March	1.09	1.95	1.85	3.68	2.58	2.79	1.60	2.57	2.61	2.91	2.363
April	1.83	.74	1.87	1.23	1.30	2.40	1.53	2.82	2.53	4.50	2.075
May	2.01	1.17	2.87	2.37	2.76	.95	2.69	3.21	1.66	1.32	2.101
June	4.05	1.69	2.33	2.32	1.13	.97	1.55	3.20	1.50	2.11	2.085
July	4.21	1.90	2.96	4.04	1.32	.80	1.03	1.44	2.23	3.12	2.305
August	6.08	2.96	3.51	3.37	3.11	6.78	2.35	3.16	2.59	1.02	3.493
September ..	1.06	3.65	2.03	3.34	2.06	.89	.64	.52	2.98	1.80	2.017
October	3.52	2.82	2.73	2.44	.48	1.15	3.19	5.36	1.51	3.07	2.627
November ..	5.26	4.59	2.74	2.52	1.41	3.73	1.54	3.03	1.33	1.60	2.775
December ..	1.99	2.12	1.54	1.82	1.65	1.14	2.07	2.24	1.80	4.56	2.093
TOTALS ..	37.55	28.08	28.75	32.98	23.95	24.04	24.12	29.46	24.76	28.40	28.209

1903 1st December gauge moved 303 yards S E
 1906 Glasmavin Church $\frac{1}{4}$ mile NE
 Station $\frac{1}{4}$ " E

Ans

RAINFALL at Glasnevin Royal Botanic GardensCounty of DublinObserver Sir F. W. MooreRiver Basin Liffey &c 2Rain Gauge, by Perkins
London.

Diameter ...	8										
Height	1 6										
Altitude ...	55 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.57	.79	3.18	5.42	1.02	2.33	1.62	1.43	1.68	2.90	
February ...	3.53	1.46	1.98	.59	2.28	2.89	3.80	1.73	2.06	1.70	
March .....	.75	1.86	2.46	2.37	1.82	1.07	3.63	2.57	1.31	2.52	
April	2.37	1.55	1.18	2.70	.73	1.55	1.82	1.43	2.06	1.12	
May	2.38	1.26	1.68	2.75	1.54	1.50	4.95	2.74	2.36	1.69	
June	5.21	1.65	3.08	1.12	1.07	1.38	2.50	1.43	1.15	2.46	
July	2.42	2.68	2.89	.58	2.06	5.83	1.74	1.62	3.05	1.06	
August	3.61	1.29	5.47	.58	3.35	1.96	3.15	7.81	1.98	2.31	
September ..	.70	1.40	.43	4.58	1.26	.88	2.11	1.84	4.76	2.00	
October ...	1.91	4.10	1.80	4.15	1.67	4.52	6.32	2.90	2.46	2.21	
November ..	2.87	3.32	1.58	2.16	3.50	3.84	6.34	1.77	2.34	2.74	
December ...	5.25	3.56	2.00	2.05	6.29	4.87	2.90	2.66	2.78	4.22	
TOTALS ...	34.57	24.92	27.73	29.05	26.59	32.62	40.88	29.93	27.99	26.99	30.127
	2	2	2	2	2	2	2	2	2	2	

1914 Stable 35 ft. high 15 yds. S E

M. min.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	53° 23'	6° 16'	Glasnevin	$\frac{1}{2}$ mile	(1912) NE.			
1912				$\frac{1}{2}$ m.	E (1914)	Glasnevin	$\frac{1}{2}$ mile	N NE.

RAINFALL at Glasevin Royal Botanic GardensCounty of DublinObserver S. F. MooreRiver Basin Liffey TC - 2W. H. Bezanet, Obsr. (1922)
W. H. BezanetH. O. Patterson Rain Gauge, by Berkens of London
(125)

Diameter ...	8			8							
Height	1 0			1 0							
Altitude ...	55			55							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	4.66	2.68	2.38	1.89	3.40	2.47	3.99	2.13	2.52	1.32	3.50
February ...	1.88	.77	1.70	5.18	.69	4.25	2.01	1.92	2.54	2.25	1.26
March	2.13	2.33	1.24	1.31	.72	.74	.88	3.24	4.21	.26	4.21
April.....	2.90	.95	2.32	3.18	1.92	2.22	1.69	1.22	(1.00)	1.23	1.14
May	2.91	1.88	.67	2.13	3.25	5.48	2.59	.81	1.72	1.35	2.30
June	1.90	.13	.88	1.13	2.49	.34	2.24	2.48	4.38	1.28	1.83
July	5.36	4.42	2.63	2.66	4.26	2.69	2.45	3.34	1.32	2.22	3.02
August	1.90	3.22	4.63	4.59	3.13	1.17	2.22	6.04	2.67	4.93	5.16
September...	1.14	1.38	2.67	2.13	5.02	2.16	1.46	3.44	0.71	.37	5.88
October.....	5.09	2.10	.95	2.39	1.88	2.44	3.48	2.97	2.64	2.59	3.49
November...	2.31	2.55	.38	2.14	2.46	3.52	3.68	2.88	3.75	4.39	2.72
December...	2.17	2.50	2.16	1.98	4.19	1.86	.98	2.42	2.90	5.98	3.33
TOTALS...	34.28	24.91	22.61	30.71	33.91	29.34	27.67	32.89	(30.36)	23.17	37.84

1921 Wall 35 ft. 15 ft. E

1925. The measuring glass is graduated in millimetres and the amounts given are conversions from that unit.

1926. Wall 10 ft. high 15 yds N.

Hot Houses 15 ft. high 14 yds S.E.

1929. " " 20 yds. W.

Wall 10 ft. " 40 " N.

" 8 " " 20 " S.

" 6 " " 30 " E.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 23'	6° 16'	Glasevin	2 1/2 m.	N.E.	Glasevin	4 1/2 m.	N.E.
1929			Broadstone	1 m.	S.	"	200 yds	N.E.

RAINFALL at Glasnevin (Botanic Gardens) M.W.RCounty of Dublin Observer The DirectorRiver Basin 2-Liffey & C. 24 KuperType of Gauge M.O.Annual Average 27.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. RAIN

Diameter	8"										
Height	1' 0"										
Altitude	55'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.51	2.30	1.61	1.94	1.33	3.65	3.67	2.82	3.80	3.44	
February	1.43	2.4	3.35	.06	3.95	2.10	3.94	.70	2.36	3.72	
March	1.47	1.47	1.85	2.74	.68	1.61	5.19	1.01	2.62	1.54	
April	2.94	2.39	.87	2.33	1.95	1.91	1.80	.09	2.09	3.02	
May	3.58	3.52	2.30	1.62	1.76	1.33	1.34	2.75	.66	.96	
June	4.23	.43	1.56	1.53	2.89	3.09	1.24	2.91	1.46	.80	
July	3.70	4.67	1.89	1.81	.82	5.24	1.96	4.48	2.81	4.04	
August	3.41	1.59	.72	3.17	2.30	1.14	2.69	2.66	2.09	.52	
September	5.37	2.37	.88	3.08	3.81	2.83	1.45	1.49	4.61	2.11	
October	.80	2.51	2.77	2.05	2.27	1.44	3.80	5.00	3.47	5.44	
November	4.33	1.21	1.20	2.06	3.36	2.75	2.10	2.86	3.99	3.60	
December	1.16	4.04	1.80	5.26	1.72	2.47	2.32	3.62	2.26	1.85	
TOTALS	33.93	26.74	20.80	27.65	26.84	29.56	31.30	30.39	32.22	31.04	

Inspected 7/7/32 O.K.

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
			Broadstone	1/4 m.	S.	Glasnevin	300 yds	N.E.