

000078

RAINFALL AT *Londonderry Creggan Res.*

70

Lat.

Lon.

County of *Londonderry*

Rain Gauge, by

Observer *W. J. Robinson Esq.*

7947c-5.

Diameter . . .										8	.	
Height . . .										1	-	.
Altitude . . .										320	.	
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January . . .									5.30	1.04		
February . . .									1.45	1.89		
March									2.73	2.14		
April									2.45	1.71		
May									3.68	3.48		
June									2.87	4.28		
July66	5.99		
August									3.36	3.77		
September . . .									3.57	5.42		
October									6.03	2.72		
November									3.75	1.93		
December									2.90	2.23		
TOTALS								<u>136.00</u>	38.75	36.60		

*Rough estimate
for annual.*

RAINFALL AT *Londonderry Craggan Res.*

Lat. _____

Lon. _____

County of *Londonderry*

Rain Gauge, by _____

Observer *W. J. Hutchinson*Type *TC-5.*

Diameter	8										
Height	1. 0										
Altitude	320										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.36	.78	2.88	4.79	6.31	2.69	6.49	2.22	2.41	3.27	3.420
February	2.32	3.66	3.17	3.19	3.47	2.81	2.66	3.23	1.59	4.26	3.036
March	2.05	3.28	3.79	2.85	2.48	2.60	2.46	1.94	2.96	2.87	2.728
April	3.47	1.74	2.74	1.63	1.60	1.44	1.91	2.39	2.32	3.14	2.238
May	1.40	1.85	2.39	2.31	3.48	3.24	2.34	3.11	2.12	2.94	2.518
June	3.08	3.86	4.36	2.21	1.45	1.00	3.14	.91	3.65	.52	2.418
July	6.89	3.07	6.12	3.26	2.84	2.24	3.35	3.88	6.25	3.33	4.123
August	1.76	3.36	4.83	5.33	3.46	2.18	2.16	5.13	5.00	7.95	4.116
September....	2.75	2.12	4.71	5.04	3.82	4.43	4.60	4.73	1.75	3.81	3.776
October	1.69	3.73	2.75	4.66	4.65	4.95	4.10	3.06	2.79	4.46	3.674
November....	5.51	3.96	7.99	5.34	5.30	2.63	4.73	3.01	3.99	2.77	4.523
December	4.14	3.53	4.35	4.06	4.71	2.80	6.27	4.51	3.61	4.16	4.214
TOTALS	37.42	34.94	50.08	44.57	43.57	33.01	44.21	38.12	38.44	43.48	40.784

Christchurch Londonderry 1 mile E
Thorn hedge 4 ft high 40 ft N.

RAINFALL AT Londonderry Baggan Reservoir

Lat. _____ Lon. _____ County of Londonderry

Rain Gauge, by _____ Observer *Mr J. Hutchinson*

Force + c - 5.

Diameter	8										
Height	1 0										
Altitude	320T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.31	2.99	4.48	2.75	5.41	3.99	2.69	1.61	1.95	3.90	3.408
February76	.25	3.32	4.32	5.59	.80	2.82	2.97	5.48	1.92	2.723
March	2.62	3.75	1.43	2.27	2.45	3.61	5.32	5.05	2.26	2.50	3.126
April	1.67	1.48	1.17	1.30	2.47	2.04	3.03	2.24	3.93	4.83	2.416
May	1.82	3.14	4.64	1.46	2.91	.99	1.09	2.86	3.73	3.80	2.644
June	3.38	1.79	3.54	1.94	2.64	2.08	3.97	6.15	3.23	2.27	3.099
July	4.01	3.67	3.31	4.47	4.74	5.16	5.44	2.19	.70	2.23	3.592
August	6.48	6.07	4.41	5.34	2.90	5.65	3.73	4.15	4.23	2.11	4.507
September....	5.57	3.64	3.96	4.69	.50	1.53	5.19	2.60	4.21	4.90	3.679
October	3.50	3.29	5.44	5.15	2.90	7.64	4.96	3.30	3.42	1.77	4.137
November....	8.01	2.67	4.80	3.27	3.34	3.14	1.32	2.88	4.47	3.27	3.727
December	1.82	4.52	3.78	3.95	4.82	5.06	3.99	4.62	4.54	5.91	4.301
TOTALS	43.95	37.26	43.28	41.01	40.67	41.69	43.55	40.62	42.15	39.41	41.359

1880

RAINFALL AT

Londonderry Boggar Reservoir

Lat.

Lon.

County of Londonderry

Rain Gauge, by N. K.

Observer

Mr. J. Hutchinson

Fogle + C - 5.

Diameter ..	8										
Height	1 0										
Altitude ..	320 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.28	3.51	2.93	4.31	5.22	3.08	5.77	3.47	3.17	5.43	4.117
February ..	2.54	2.26	1.41	3.93	2.78	3.78	3.94	4.11	4.29	3.41	3.245
March	1.59	3.67	2.77	5.11	2.12	3.20	3.39	5.24	4.60	3.95	3.564
April	2.57	3.00	2.07	2.14	3.22	3.09	3.62	3.76	2.95	2.77	2.919
May	2.73	1.49	4.48	2.40	2.65	1.99	3.22	4.01	2.09	3.07	2.813
June	3.64	3.95	1.40	.87	1.10	1.66	1.08	5.31	2.88	1.49	2.338
July	4.17	1.52	3.90	4.88	4.05	2.36	2.02	3.84	4.18	4.81	3.573
August	4.01	6.22	3.62	6.93	7.33	4.46	5.93	5.07	4.52	4.04	5.213
September ..	3.34	3.13	3.74	2.85	2.68	2.56	1.49	1.13	6.71	2.55	3.023
October	6.02	4.18	2.81	6.82	2.80	2.67	3.39	3.64	1.25	4.67	3.825
November ..	4.85	4.86	2.92	3.99	4.73	4.85	4.62	3.28	3.67	2.77	4.054
December ..	5.61	4.54	4.43	2.69	3.06	2.83	6.88	4.30	3.90	4.31	4.255
TOTALS ..	45.35	42.38	36.48	46.92	41.74	36.53	45.35	47.16	44.21	43.27	42.939

N N N N N N

1906 Christchurch 1 1/4 mile SE
 J. K. Station 1 1/2 E
 Home 307 ft high 50 yards NNE

RAINFALL at Londonderry Jaeger's ReservoirCounty of Londonderry

Observer

Mr. J. Hutchison

River Basin

Foyles C5Mr. Wm. Hutchison (1912)

Rain Gauge, by

Diameter ...	8												
Height	1.0												
Altitude ...	320 T												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS	
January ...	4.48	1.70	2.90	3.11	2.23	4.43	3.58	3.28	3.19	4.22	3.812	4.27	
February ...	5.32	3.63	2.39	2.34	6.62	3.57	4.87	2.83	3.83	1.06	3.646	12.59	
March	2.54	2.05	4.80	2.71	5.00	1.74	1.89	2.89	1.31	4.68	3.061	10.77	
April	3.17	2.24	2.69	3.61	2.06	3.84	5.55	4.03	2.15	3.75	3.249	14.88	
May	3.38	1.78	1.53	3.04	2.41	1.27	6.05	3.36	2.29	1.36	2.647	13.06	
June	4.60	2.34	7.35	3.31	1.97	3.79	2.66	2.89	3.84	3.81	3.656	13.20	
July	4.34	3.04	4.29	2.56	3.31	5.29	3.23	3.28	3.57	1.42	3.433	11.50	
August	9.28	2.57	4.71	2.08	3.21	4.02	2.53	8.47	5.25	3.79	4.591	20.04	
September ..	1.20	2.14	2.32	3.39	2.86	1.49	2.26	2.59	6.80	3.37	2.842	15.02	
October ...	2.60	2.43	3.53	1.99	1.73	1.93	6.53	7.92	5.15	1.83	3.564	21.43	
November ...	4.41	4.66	5.18	4.19	4.42	3.21	5.02	6.47	3.84	4.44	4.564	19.77	
December ...	3.31	5.86	5.32	4.40	5.30	5.75	3.39	4.43	5.43	7.03	5.022	20.20	
TOTALS ...	48.63	34.44	47.01	37.70	41.12	40.33	47.56	52.44	46.65	40.16	43.607	126.51	

1919. Cottage 20 ft high 100 yds. N.W.
Reservoir

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			St. Northern	1 1/2 mile	S.	Christ's	1 1/2 mile	NE SSE.

RAINFALL at Londonderry Cryan ReservoirCounty of LondonderryObserver Mr. W. H. HutchinsonRiver Basin Fyle + C - SGlaisher Rain Gauge, by (125)

Diameter ...	8			8									
Height	1 0			1 0									
Altitude ...	320	325		325									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.	
January ...	4.57	4.51	4.16	5.15	3.43	4.04	5.64	7.26	7.72	1.23	4.20	51.91	
February ...	2.61	1.53	4.92	3.57	2.29	5.47	2.85	2.12	4.72	2.35	1.15	33.58	
March	3.93	4.23	2.27	1.87	5.5	4.58	2.50	3.48	3.41	.85	3.15	30.82	
April	3.33	1.98	3.80	2.85	4.13	4.86	2.54	2.47	1.71	1.96	1.97	31.60	
May	4.14	2.45	2.02	3.19	4.80	3.68	5.36	1.45	1.13	2.45	1.65	32.32	
June	1.85	75	3.36	2.90	2.70	1.57	3.42	3.85	6.09	3.82	3.13	33.44	
July	3.85	3.55	4.32	3.81	6.15	3.67	3.31	2.77	3.29	4.02	4.37	42.84	
August	3.98	4.75	3.68	6.36	6.89	2.75	4.06	3.89	6.31	6.83	8.12	86.62	
September...	3.50	1.85	2.78	5.76	6.03	4.83	4.35	5.40	5.27	2.24	2.89	44.90	
October	4.10	4.08	1.40	5.07	3.45	3.08	5.55	4.11	5.99	5.55	7.41	49.79	
November...	4.22	3.48	2.97	5.70	2.87	3.06	4.97	4.64	6.10	5.09	4.50	47.60	
December...	3.30	5.81	4.00	5.50	4.96	5.08	2.69	1.12	3.76	7.16	4.38	47.76	
TOTALS...	42.11	38.97	39.68	51.73	48.25	46.67	47.24	42.56	55.50	43.55	46.92	503.18	

1921 stone 20 ft. Rye says NW.
 1925 " " " 100 yds "
 1926. Reservoir 30 ft. S.

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
1926. 55	7		<u>Freemantle</u>	<u>1 1/2</u>	<u>S.</u>	<u>Christ +</u>	<u>1 -</u>	<u>SSC.</u>
							000378	

RAINFALL at Londonderry (Breggan Reservoir)County of LondonderryObserver W. HutchinsonRiver Basin 5-7yle &c.Type of Gauge GlaisterAnnual Average 41.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

Diameter	8"											
Height	1' 0"											
Altitude	325'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.95	5.06	4.17	4.77	3.32	4.05	6.29	7.02	2.78	2.53		Totals 45.94
February	5.41	2.5	3.16	98	4.82	2.18	4.59	2.69	4.76	3.15		32.00
March	0.97	2.98	2.47	2.99	1.50	2.54	1.54	2.61	5.17	6.22		28.99
April	2.64	4.57	1.37	3.70	3.41	1.29	2.80	0.69	1.82	4.42		26.71
May	3.12	2.17	2.54	3.22	1.98	1.62	2.15	2.83	1.37	1.90		22.90
June	6.76	1.36	3.17	2.58	5.12	2.94	2.51	5.56	2.50	1.64		34.44
July	4.41	4.92	3.70	3.40	1.45	9.62	5.17	5.31	4.46	5.38		47.82
August	2.10	2.46	3.24	5.52	2.59	3.76	4.08	3.01	1.78	2.44		30.98
September	3.27	4.20	0.86	5.76	5.83	5.46	3.98	3.15	2.81	5.48		40.80
October	3.37	6.53	4.30	7.53	8.83	4.68	1.68	8.22	2.21	4.37		51.72
November	4.45	4.91	2.28	1.51	4.33	5.42	1.59	7.47	5.94	5.60		43.50
December	3.74	5.06	2.31	3.95	3.91	4.92	3.15	5.65	3.94	6.22		42.85
TOTALS	46.19	44.47	33.57	45.91	47.10	48.48	39.53	54.21	39.54	49.35		448.35

1931. House 20' high, 100 yds. N.W.
Reservoir " " 80 " S.

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
			R. N.	1 1/2 m. S.	Chisto +	1 1/2 m. S.E.

41

Type of Gauge Glaisher

Annual Average 4.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. of N.

(664891/26) File No. E2084/45

Diameter	8"			925	349			5			
Height	1'0"				1						
Altitude	325'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.51	5.86	4.52	5.38	4.64	4.43	3.14	5.86	5.74	4.42	
February	3.01	2.83	4.13	2.75	3.70	4.39	1.11	3.15	4.17	3.60	
March	3.54	2.91	2.03	1.94	2.12	1.90	3.99	3.04	3.39	2.31	
April	1.90	1.67	3.32	2.65	1.59	1.69	4.53	3.42	5.10	5.75	
May	2.77	3.67	3.86	4.06	4.96	1.84	4.08	2.03	3.33	1.64	
June	0.91	.99	4.12	4.05	4.74	5.89	4.16	3.78	1.81	2.58	
July	5.07	4.87	3.39	3.46	5.44	4.21	4.57	4.80	2.49	6.55	
August	5.76	6.92	7.16	2.69	1.78	5.78	.49	4.72	3.76	4.61	
September	1.30	7.92	4.34	6.22	3.40	6.52	3.99	6.16	2.34	8.41	
October	5.18	5.36	3.89	5.73	6.20	1.41	2.40	4.56	5.84	4.30	
November	3.85	2.39	5.42	5.73	.74	3.93	8.01	3.30	5.27	3.37	
December	3.07	5.69	3.37	5.11	3.86	5.85	3.41	6.16	7.04	5.17	
TOTALS	37.87 2	50.78 0	49.53	49.77 2	43.17 3	47.84 2	43.68 2	50.98 2	50.28 2	52.71 2	

5/45. Observer has visited gauge & finds it sound. (Encl 2A) & E 2084/45

Pontedericea glauca Leach

*1954. Miss Russell recalled that a new 5-inch gauge had been installed in August 1949. (See File 66489/26 Encl. 170A).

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series	No. of Map	Reference No.
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[illegible]

0 0 0 5 9 7

Station No. M 6245RAINFALL at Londonderry (Breggan Reservoir)

51

County of Londonderry Observer Mr. J. HodgsonRiver Basin S - Foyle & C CITY SUBURBAN (1951)Type of Gauge gauging M.D.Annual Average 41.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 13 of N
46.14 " " " " " " 1916-1950 1916-1950 E 2084/45
E 23207/52 85549/26

Diameter	5" 8"			925	349						
Height	1' 0"				1			1' 1"			
Altitude	325'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.15	6.10	1.46	4.09	5.03	6.21	5.16	5.25	3.56	4.23	
February	3.47	2.67	1.53	3.85	3.26	2.25	2.08	4.84	0.94	4.86	
March	3.31	2.00	1.01	2.97	1.36	1.34	2.49	1.89	2.71	1.32	
April	2.67	1.39	3.10	1.51	2.34	2.01	1.17	2.17	4.28	2.53	
May	1.24	1.60	2.54	4.50	3.42	2.36	1.49	3.29	.99	1.77	
June	2.15	2.94	2.52	3.63	3.51	3.73	2.24	5.89	2.14	2.82	
July	3.49	2.24	5.47	4.12	1.07	4.56	6.45	4.55	3.88	4.50	
August	3.53	6.14	5.00	4.45	1.31	5.91	3.88	4.53	1.62	5.93	
September	2.36	3.35	3.85	5.55	4.41	4.08	6.27	3.26	1.25	2.90	
October	2.08	4.45	2.84	5.30	3.80	3.81	4.18	3.97	4.83	3.07	
November	4.76	3.71	4.63	4.94	1.40	3.94	1.37	2.82	5.28	3.61	
December	5.61	5.78	3.69	5.79	3.98	4.18	5.51	3.61	4.21	4.89	
TOTALS	38.82	42.37	37.64	50.70	34.89	43.38	42.29	46.07	35.69	42.43	

Inst. in 1958 J.B.K. Inst. & d. table. Former top of hill overhauled slightly between NW & NE. Site generally overexposed between SE & SW. A better site is available at SE corner of res. Turf wall would not help prevent site.

000707

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference S(24) 415.171

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-accepted

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