

RAINFALL AT *Londonderry Derry*

Lat.

Lon.

County of *Londonderry*

Shallow rimmed Rain Gauge, by

Observer *J. H. Welch*

Lough Swilly - 1.

Diameter ..							5				
Height							0 6				
Altitude ..							130				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					5.11	3.60	6.67	2.86	3.19	5.25	
February ..					3.16	3.45	3.27	3.28	3.44	2.66	
March					2.07	3.60	3.26	4.89	4.86	4.28	
April				#	2.39	3.43	3.34	2.96	3.21	2.58	
May					3.29	2.77	1.86	3.44	4.56	2.37	3.41
June87	1.39	1.87	1.00	5.38	2.49	1.32
July					4.52	4.39	2.24	1.88	5.68	3.38	4.51
August					6.41	6.08	4.59	5.40	5.09	4.46	3.68
September ..					4.22	2.90	2.44	1.39	1.42	6.44	2.23
October					7.23	3.02	2.37	3.44	3.36	1.23	4.09
November ..					3.76	4.86	4.93	4.22	3.41	3.48	2.68
December ..					3.14	3.72	3.52	4.92	4.81	4.31	4.00
TOTALS ..					48.01	42.90	37.81	42.16	47.70	42.86	40.69

? Culmore

1903 Cutmore 2 Mile NE by E

Londonderry (L + Lough Swilly by) 1 . 5.65

(3m. SW (C3))

Home 40 ft high 50 ft N.W.

1903 - 1905 recd. 5. XII. 06 Ent? 27. XI. 08

RAINFALL at Londonderry DerryCounty of LondonderryObserver J. H. WelchRiver Basin Lough Swilly 1

Rain Gauge, by _____

Diameter ...	5											
Height	0 6											
Altitude ...	130 f											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEAN.	Totals.
January ...	5.21	182	287	3.56	2.37	4.65	3.84	2.83	3.52	3.98	34.65	14.17
February ...	5.84	394	223	2.76	7.20	3.60	4.82	2.49	4.65	.97	38.50	12.93
March	2.11	2.05	4.49	4.17	4.73	1.16	1.87	2.75	1.31	4.27	28.91	10.20
April	2.61	2.31	2.33	3.60	2.11	3.15	5.01	3.71	1.77	2.50	29.16	13.05
May	2.73	1.65	1.50	2.72	2.52	1.29	5.72	3.68	2.12	.93	24.86	12.45
June	3.42	2.05	5.83	3.09	2.08	3.05	2.34	2.81	2.35	3.83	30.86	11.33
July	3.86	2.50	3.67	1.94	2.88	5.17	2.58	2.41	3.04	1.14	29.19	9.17
August	8.32	2.90	4.84	1.82	3.16	3.73	2.72	6.11	4.37	3.63	41.60	16.83
September ..	1.07	1.82	1.83	3.44	2.70	.79	1.64	2.36	6.09	3.53	26.27	13.62
October ...	2.45	2.24	3.87	2.12	1.62	2.12	6.96	7.42	5.06	1.70	35.56	21.14
November ..	4.49	5.17	4.57	4.10	4.66	3.43	4.88	6.41	3.78	4.51	46.00	19.58
December ...	2.93	6.03	6.52	3.91	6.09	5.67	3.05	4.29	5.19	6.53	50.21	19.06
TOTALS ...	45.04	34.48	44.55	37.23	42.12	37.81	45.43	47.27	43.25	37.58	414.76	173.53
	7				imp. D	D	D	D	D	D		42.46

1916 House 35' ft high 15 yds NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Londonderry	3 mi	SSW	Gulmore	2 1/2 mi	NE

RAINFALL at Londonderry DunsinaghCounty of LondonderryObserver J. H. WelbyRiver Basin Lough Swilly - 1

Rain Gauge, by _____

Diameter ...	5			5								
Height	16			16					1.0			
Altitude ...	130						150					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	4.61	4.16	3.73	4.81	3.40	3.58	5.02	6.22	8.26	1.15	3.93	48.87
February ...	2.83	1.23	4.88	3.61	1.84	4.96	2.60	1.79	4.52	1.96	1.52	31.74
March	3.66	4.33	1.91	1.88	4.7	3.70	2.03	3.01	2.91	5.52	3.08	27.50
April	3.52	1.58	3.29	2.80	3.89	4.32	2.09	2.26	1.81	1.65	1.88	28.09
May	4.07	1.98	2.13	2.55	4.37	3.87	4.81	1.39	1.05	2.16	1.55	29.93
June	1.81	1.65	3.19	1.96	2.77	1.18	3.20	3.63	5.06	3.64	2.52	29.61
July	3.19	3.35	4.60	3.46	4.89	3.53	3.21	2.54	2.80	3.79	3.75	39.11
August	2.46	3.87	3.25	6.26	5.77	2.16	3.40	3.27	6.68	6.16	7.57	51.35
September...	3.57	1.70	2.32	5.68	5.99	3.98	3.97	5.04	4.34	1.67	2.73	44.45
October	3.54	3.85	1.36	5.12	3.23	2.92	5.08	3.93	5.63	5.53	6.64	47.13
November...	3.96	3.26	2.38	5.36	2.92	2.90	4.93	4.34	5.29	5.01	4.52	44.87
December...	3.19	5.68	4.21	4.84	5.06	5.16	2.13	1.11	3.94	6.82	4.10	46.24
TOTALS...	40.21	35.64	37.25	48.33	44.60	42.26	42.47	38.53	52.79	40.06	43.79	465.93

1923. House. Height 30. Distance above 30. Direction N.W.

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
1923.			Londonderry	3 mi	SE	Culmore	2 1/2 mi	NE.
			"	1 1/4	SE			
							0 0 0 3 8 7	

RAINFALL at Londonderry (Dunruadh)County of LondonderryObserver J. H. WelchRiver Basin 1-Lough Swilly

Type of Gauge

Annual Average 4.05 in. based on years obs. un-weighted. Period of average Ref.

816833/28

Diameter	5"											
Height	1' 0"											
Altitude	150'									130		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.04	5.00	3.88	4.27	2.82	3.67	5.55	6.16	3.00	2.46		Totals 41.85
February	4.18	2.22	3.26	6.67	3.88	1.92	2.24	2.17	4.07	2.20		26.82
March	1.09	2.57	2.85	2.80	1.43	2.03	1.50	2.07	4.52	5.52		26.38
April	2.17	3.87	1.37	3.43	2.87	1.10	2.76	4.41	2.09	2.54		22.61
May	3.22	1.88	2.40	3.14	1.92	1.22	2.10	2.60	.81	2.63		21.97
June	6.43	1.16	2.48	2.50	5.13	2.76	2.24	4.74	1.97	1.48		30.87
July	4.16	4.52	3.74	3.14	1.26	8.86	4.72	4.23	3.71	5.61		43.92
August	1.89	1.74	3.07	5.01	2.56	3.41	3.47	2.78	1.22	2.10		27.25
September	3.27	3.17	0.61	5.40	5.51	5.01	3.44	2.47	2.42	4.36		35.66
October	3.26	5.80	4.26	7.12	7.93	4.51	1.56	7.34	1.79	3.93		47.50
November	4.65	4.43	1.84	1.17	4.13	4.71	1.12	7.54	5.31	4.93		39.83
December	3.67	4.77	2.17	3.51	3.27	4.10	2.80	5.15	3.71	5.25		38.40
TOTALS	43.03	39.13	31.93	42.16	42.71	43.81	35.50	47.66	34.62	43.06		403.11

1937 Tree 10' high 15' N.E. Tree 10' high 30' S.W. House 40' high 60' N.W.

1938 Decision tree 8' high 15' N.E. House 40' high 40' N.W.

* Used in general tables in tables. Original information P.A.

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
1937			Londonderry	1/2 m.	SE.	Culmore	2 1/2 m.	N.E.
			Londonderry	1 m.	S	Culmore	2 m.	N.E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M. 6238RAINFALL at Londonderry (Dunmaddy)

41

County of LondonderryObserver J. H. Welch EsqRiver Basin Lough Swilly

Type of Gauge

Annual Average 40.5 in. based on 40 years obs. un-weighted. Period of average RefFile No. 816833/28

Diameter	5"					925	310					
Height	0'6"						1					
Altitude	130'				150'		41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.15	5.30	4.10	4.81	4.54	3.82	2.77	4.25	4.50	4.67		Totals 37.41
February	2.41	2.27	3.74	1.91	3.60	3.73	0.99	2.41	3.44	3.60		28.10
March	3.22	2.53	1.35	1.33	1.95	1.58	3.46	2.44	2.60	2.25		22.71
April	1.44	1.73	2.63	2.47	1.28	1.09	4.47	2.66	4.13	5.41		27.36
May	2.45	3.44	3.39	3.52	4.76	1.52	3.36	1.80	2.28	1.78		28.30
June	0.59	.87	3.49	3.40	4.50	4.70	3.88	2.95	1.60	2.78		28.76
July	5.08	4.50	2.56	3.01	4.42	3.60	3.77	2.93	2.15	5.57		37.59
August	5.42	6.31	6.19	2.12	1.53	4.57	0.26	3.73	2.80	4.23		37.16
September	.74	6.76	3.62	5.67	2.95	6.78	3.43	5.53	2.05	8.10		45.63
October	4.95	4.89	3.19	5.56	4.99	1.14	2.00	3.76	5.86	4.77		41.31
November	3.53	1.90	4.21	5.25	.74	3.22	6.64	2.68	5.66	3.45		37.28
December	2.71	5.06	2.70	3.98	3.57	5.12	2.17	5.44	7.61	5.01		43.37
TOTALS	33.69	45.61	41.17	42.53	38.83	40.87	37.20	40.78	44.68	57.62		416.98

1943 Oct est'd by ref to Guett. shns
 * Used in general tables in states. Origin, confusion. F. 4.

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. M 6238RAINFALL at Londonderry (Dunluade)

51

County of LondonderryObserver J. H. Welch, Esq.River Basin Lough-Swilly

Type of Gauge.....

Annual Average ^{omitted} 49.5 in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P
_{✓ Origin Unknown}41.70 " " " 35 " " 1916-1950File No. 816833/28

Diameter ...	5"			925	310							
Height ...	0' 6"				1							
Altitude ...	150'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.48	6.02										
February ...	3.68	2.23										
March ...	3.36	2.21										
April ...	2.61	1.41										
May ...	1.21	1.67										
June ...	2.07	2.76										
July ...	3.08	2.17										
August ...	3.46	5.27										
September ...	2.26	3.48										
October ...	2.17	4.06										
November ...	4.57	3.43										
December ...	5.38	6.15	#									
TOTALS ...	37.33	40.86										
	D	P										

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (24) 444 198

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
		✓	✓	✓	
		D 25-30	✓	✓	