

RAINFALL AT Newry Bridge Street

Lat.

Long.

County of Armagh

Rain Gauge, by
Carlingford Lough - 2.

Observer J. L. D. Meares Esq.

Diameter										5	
Height										9	
Altitude										23	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										2.05 1.90 4.33	
February										2.30 2.91 3.87	
March										5.88 1.04 2.21	
April										1.35 3.67 4.89 4.30	
May										33 1.49 3.33 4.36	
June										3.56 7.15 3.34 2.05	
July										6.77 1.29 .71 3.14	
August										1.67 5.49 4.77 1.77	
September										6.12 2.16 3.49 3.19	
October										2.24 3.14 4.14 2.06	
November										1.40 4.25 2.59 3.66	
December										5.59 4.55 2.63 5.50	
TOTALS										43.42 35.74 40.44	

St Mary Church 430 yards N.E.
wall 9ft high 27ft N.

RAINFALL AT Bridge Street [Newry]

Lat. 54° 10' N.

Lon. 6° 20' W County of Armagh

Snowdon Rain Gauge, by H. & J.

Observer J. L. D. Meares Esq. C.E.

Coolingford Lough - 2.

Diameter ..	5										
Height	0.9										
Altitude ..	22 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January ..	3.59	5.03	2.49	6.54	3.97	3.43	4.72	1.56	3.57	2.91	3.781
February ..	3.01	2.16	4.27	3.95	3.91	2.13	2.73	2.47	2.48	1.41	2.852
March57	3.09	1.90	7.03	2.86	6.53	2.57	3.56	5.42	3.04	3.557
April	2.79	2.80	4.37	1.25	2.02	2.43	1.84	3.29	2.94	4.28	2.801
May	3.23	2.53	3.29	3.43	2.44	1.17	4.49	4.87	2.07	1.78	2.930
June	4.12	2.65	2.23	1.28	2.09	2.77	1.70	5.54	2.04	2.13	2.655
July	4.45	.77	3.13	4.76	4.01	1.47	2.55	1.71	3.31	3.31	2.947
August	4.09	3.41	2.05	4.75	5.85	6.82	3.78	3.06	2.66	1.68	3.815
September ..	1.89	4.91	2.76	4.57	4.25	1.24	1.18	1.26	5.35	2.30	2.971
October	4.69	3.85	2.13	5.64	1.34	1.89	5.32	5.40	3.15	5.43	3.887
November ..	5.80	4.05	5.63	1.90	2.36	4.35	3.25	3.34	3.02	1.29	3.480
December ..	4.96	3.77	3.90	4.14	3.03	3.02	2.89	4.14	5.48	4.99	4.032
TOTALS ..	43.19	39.02	38.05	49.24	38.13	36.25	37.02	40.23	41.49	34.55	39.717

II II II II II II

HUB

1900 St Mary's Ch Newry 420 yards E (09)

Walls 9 ft high 27 ft N

1903 Bridge St Station 100 yards ENE SE (09)

000289

RAINFALL at Bridge Street [Newry]

County of Armagh

Observer J. L. D. Mearns Esq. C.L.

River Basin Carlingford Lough 2

Rain Gauge, by N & Z

Diameter ...	5									
Height	6 9									
Altitude ...	22 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.54	(3.00)	5.13	6.16	1.26	(2.65)				
February ...	6.26	3.58	4.55	1.56	3.45	(4.71)				
March	1.96	1.54	6.31	4.43	4.13	(.76)				
April	2.16	2.98	1.80	4.18	1.55	(2.37)				
May	2.51	2.18	1.17	3.51	1.83	(1.47)				
June	4.49	2.34	5.55	4.74	1.19	(1.80)				
July	4.19	3.74	3.25	1.61	1.79	(3.91)				
August	5.00	2.58	6.98	.81	2.96	(3.17)				
September ..	1.11	1.42	.55	4.58	1.03	(1.01)				
October ...	1.62	5.06	2.64	4.08	1.35	(5.33)				
November ..	2.48	4.90	2.63	3.02	3.97	(2.95)				
December ...	4.71	6.76	5.54	2.87	7.75	(6.47)				
TOTALS ...	40.03	(40.08)	46.10	40.95	32.26	NR.				
	D	D	D	D	imp.D	A				

1911. January estimated.
1913. Water 8 ft high 15 ft SW

Warren point used for average 10 ft

? Same Street as "Andy's House" fair Co. Down.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Bridge Street	100 yds.	SE.	St. Marys	420 yds.	E.

RAINFALL at heavy ; Bridge Street House

County of Durham

Observer

C. Blaney Esq Ch

River Basin Carlingford Lough. I.

Snowdon Rain Gauge, by N.Y.

Diameter										57	
Height										1	
Altitude										22.62	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January						(250)	1.35	3.29	4.37		Totals. 16-19.
February						(330)	1.84	4.70	1.59		11.31
March						(205)	3.51	2.01	2.61		11.23
April						(280)	1.97	1.08	1.52		10.18
May						(630)	3.78	2.88	1.64		7.17
June						(240)	1.90	1.84	2.59		14.60
July						(340)	2.67	4.08	.40		8.73
August						(330)	7.27	2.26	2.27		10.55
September...						(410)	1.65	4.64	2.95		15.10
October ...						(720)	4.34	4.97	1.26		10.34
November...						(410)	4.08	4.29	2.08		17.77
December...						(355)	2.34	4.59	2.28		14.55
TOTALS ...						(4200)	36.70	40.63	31.16		18.76
											150.49 40.11

Wall 11 W. 16th St.

480

Wall Sept 22nd S.

5

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917	54° 11'	6° 20'	Newry					

RAINFALL at Newry Bridge Street, Newry

County of Down

Observer C. Bleney Esq. C.E.

River Basin Carlingford Lough 1

London Rain Gauge, by H.W.

Diameter ...	5		5									
Height	1 0		1 0									
Altitude ...	23		22.52									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MAYBE	Totals.
January	5.39	4.31	5.29	2.99	6.56	(3.29)	5.58	3.70	6.79	2.71	6.14	52.75
February	2.74	1.08	3.85	8.23	1.96	4.68	3.35	2.22	6.15	4.59	1.12	37.97
March	3.19	3.46	2.09	2.55	1.16	.88	2.09	3.47	4.13	.84	2.91	26.77
April	3.35	1.03	3.04	4.02	3.13	3.46	1.79	1.32	2.08	.89	1.52	25.63
May	3.54	2.37	1.96	1.45	4.65	5.01	2.12	2.15	.67	2.93	1.95	28.80
June	3.02	.22	1.86	1.26	2.60	.68	2.14	3.35	4.27	2.10	2.17	23.67
July	3.88	3.80	3.19	2.01	4.92	3.80	4.72	3.99	2.43	3.50	2.47	38.71
August	2.08	3.04	4.41	7.03	4.55	2.32	4.51	6.55	4.42	5.46	6.76	51.53
September	2.44	1.51	3.81	4.21	6.07	2.94	1.49	4.31	2.79	.58	3.69	33.84
October	7.12	2.72	1.89	3.98	3.87	3.66	3.55	4.14	5.82	4.14	5.87	46.76
November	3.68	3.06	1.29	3.65	3.53	2.45	5.02	5.00	6.48	4.98	4.84	43.68
December	4.72	3.32	3.97	3.60	5.79	3.06	.90	3.03	4.83	7.81	4.28	45.31
TOTALS	45.15	30.32	36.65	44.98	48.79	36.23	37.26	43.23	50.86	40.53	43.42	457.42
	d	d	d	d	d	d	d	d	d	d	d	4466

1920. Wall 16 ft high 16 ft N.

> 8 ft > 22 ft S.

1925. Jan. count by extra stations.

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

Reference No. _____

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 11'	6° 50'	Newry					

000448

RAINFALL at Newry (Bridge Street House)

County of Down

Observer G. Blaney

River Basin 1. Carlingford Lough

Type of Gauge Standard

Annual Average 38.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Brdg N.

106 461 / 31

Diameter	5"										Means
Height	1' 0"										
Altitude	23'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.80	3.15	2.80	3.81	1.33	5.42	5.49	4.63	5.37	4.99	Totals 37.79
February	3.24	1.11	3.63	2.4	4.76	1.69	4.56	2.00	2.49	4.47	27.17
March	2.11	2.21	2.86	2.42	1.98	2.92	3.86	1.10	3.37	4.41	26.24
April	3.31	3.49	1.93	2.56	2.48	.82	2.25	1.13	1.84	3.47	22.28
May	4.06	3.23	2.15	2.86	1.93	1.19	1.10	3.17	1.06	1.38	21.03
June	4.02	1.43	3.96	1.57	4.18	3.23	2.07	3.86	2.34	1.00	27.66
July	3.61	3.93	3.09	1.36	1.59	6.34	2.74	5.89	5.51	3.80	36.86
August	2.75	2.38	1.73	4.16	2.51	2.01	2.27	2.59	2.43	.27	23.10
September	2.48	2.57	1.60	6.22	4.20	4.98	3.07	3.09	2.43	2.06	31.70
October	2.14	3.35	2.81	4.12	3.52	2.61	3.45	6.41	5.82	5.21	31.71
November	6.99	2.29	1.01	1.02	5.58	5.04	1.80	6.05	6.43	5.29	37.50
December	3.47	6.30	2.81	6.85	2.59	3.55	3.15	5.19	2.72	4.05	41.68
TOTALS	41.25	34.44	29.38	37.19	34.55	37.80	35.81	44.11	41.81	40.40	376.74

1933. Wall 11' high 16' N. Wall 8' high 22' S.

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	Parish Church.	Distance from gauge	Direction
	54° 11'	6° 20' W	Newry.	1/2 m	N.	Newry.	1/2 m	E.

Station No.

6195

RAINFALL at Newry (Bridge Street Station)

41

County of Down

Observer G. Blaney Esq.

River Basin 1- Carrickfergus Lough

Type of Gauge Snowdon

Annual Average 38.1 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. 57 N.

File No. 106461/31

Diameter	5"		977	435							
Height	1' 0"			1							
Altitude	23'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.42	7.12	6.30	4.02	3.08	5.23	4.73	7.56	1.98	1.74	Totals. 44.08
February	4.35	1.46	1.82	.88	3.70	1.97	1.62	2.75	1.70	4.39	24.64
March	3.72	4.24	1.27	.35	1.87	1.62	5.48	2.84	1.99	2.01	25.37
April	1.84	3.14	2.24	2.71	1.46	7.3	3.76	2.67	2.11	3.74	24.40
May	1.82	3.84	3.27	1.63	3.86	1.74	2.77	1.90	1.78	1.21	22.82
June	0.54	.08	2.30	1.64	4.18	2.49	4.41	2.85	.68	1.66	20.83
July	3.67	2.86	1.40	3.83	4.01	2.64	2.23	3.03	2.44	3.70	29.31
August	2.85	3.57	5.20	2.57	1.22	3.88	.57	3.42	2.31	5.32	30.91
September	1.09	5.19	2.03	4.40	2.87	7.03	3.70	2.66	2.13	4.72	35.82
October	3.47	2.47	2.91	5.11	3.86	1.36	1.62	3.18	6.26	4.40	34.66
November	4.98	.49	2.17	7.06	.76	5.49	4.74	2.03	2.49	3.94	34.15
December	1.71	5.47	3.10	5.10	14.62	5.42	2.86	6.24	4.73	3.12	42.37
TOTALS	33.46	39.93	34.01	38.80	33.51	39.60	38.49	41.13	30.50	39.95	369.38 4th

1941 Wall 11' high 16' N. Wall 8' high 22' S.

1950 observer reports that gauge is considerably sheltered by front tree and loss compared with Bessbrook is noted to be more marked in summer months.

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

BRITISH RAINFALL ORGANIZATION

Station No. 6195

51

RAINFALL at NEWRY (Bridge Street House)

County of Down

Observer C. BLANEY Esq.

River Basin L. CARLINGFORD Lough

Type of Gauge Standard

Annual Average 38.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915
 38.69 " " " 1916-1950 Ref. B.G.N.
 File No. 106461/21 P

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	23'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.73	5.20	1.15	1.88	4.24	2.74	5.34	3.67	2.71	4.22	
February	3.87	.56	1.18	4.34	4.36	.89	3.22	3.58	1.32	3.36	
March	2.41	1.90	.39	3.61	1.22	2.38	3.60	.99	3.74	2.67	
April	2.14	1.72	1.60	.51	2.95	.83	1.43	.93	2.12	3.80	
May	1.76	1.23	2.00	5.06	2.91	1.08	2.06	2.75	1.61	2.18	
June	2.26	2.07	1.61	2.27	4.16	3.02	.88	5.35	1.37	2.16	
July	3.20	1.38	3.85	3.80	1.64	3.71	3.48	3.60	4.94	4.61	
August	5.73	4.45	3.83	2.50	1.86	6.64	4.02	6.07	1.02	4.83	
September	3.39	2.03	4.17	4.62	2.62	4.35	3.48	4.54	1.95	3.48	
October	0.80	5.66	2.37	8.10	1.81	2.39	4.22	2.60	6.44	6.23	
November	7.17	2.70	3.08	7.06	3.14	1.88	1.31	2.01	4.42	4.32	
December	5.78	4.05	3.24	4.82	4.28	6.93	5.20	3.39	7.42	2.88	
TOTALS ...	42.24	32.95	28.47	48.57	35.22	36.84	38.24	39.48	39.06	44.74	

1881 Well 11' high, 22' N, 8' high, 12' S.
 Just outside fortifications down to sea level but did not see the note. Not estimated from position of house.
 Perf. B 1959 3.80K. 4. in concrete square 1½' x 1½'. Well 10' 15' SW-18' S. apple trees 15'-20' 26' high.
 Hawthorn 5' 8' SE. Thorn hillside to W SW just under shelter but at sea level.
 Small shrubs and plants mostly N-S. Upright f. b. meadow - 0.1" low.

Position of Station on Ordnance One-Inch map : No. of Map 11 National Grid Reference T 1082 258

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
						000 98

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
			✓ 1st & 2nd 25.22 25.28	✓	✓	✓ but d 43