

RAINFALL AT Douglas Borough Cemetery

Lat. _____ Lon. _____ County of Isle of Man

Ind. of Rain Gauge, by _____ Observer 7 Little Esq

Diameter ...									8		
Height									10		
Altitude ...									280	284	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										1.77	
February ...										1.96	
March										4.12	
April										3.43	
May										1.47	
June									2.28	1.80	
July									3.88	5.04	
August									3.23	2.56	
September ..									4.46	2.97	
October ...									1.93	8.38	
November ...									2.96	1.25	
December ...									4.96	7.24	
TOTALS ...										41.99	

1908. G. $\frac{3}{4}$ mi. from sea. Absolutely open situation and perfect exposure.

St. Thomas Church $\frac{7}{8}$ mile S
Victoria Pier $\frac{1}{2}$ " S

RAINFALL at Douglas BroughferryCounty of Isle of ManObserver F. Cottle Esq.A. H. Barron Esq.

River Basin _____

Rain Gauge, by Cassella

5371

Diameter ...	8												
Height	1.0												
Altitude ...	284 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS MEANS. 1916-19		BOMS
January ...	3.43	1.89	3.27	4.64	2.80	3.63	2.98	2.78	4.48	5.26	15.50	1550	1550
February ...	4.41	4.64	3.69	1.71	4.25	5.30	3.29	2.59	5.12	1.59	12.57	1857	1857
March	2.01	1.08	4.40	4.12	5.51	1.91	1.57	2.17	2.02	4.71	10.47	1047	1047
April	3.14	2.97	.66	3.00	.96	2.66	3.39	2.13	1.76	2.30	9.58	958	958
May	2.12	1.51	1.94	2.89	2.95	1.83	5.86	4.15	2.86	2.29	15.14	1514	1514
June	2.19	3.01	4.13	2.95	.94	.89	2.49	1.55	1.90	3.01	9.25	925	925
July	3.41	2.34	3.28	1.35	2.86	3.81	2.06	1.76	3.12	.79	7.73	773	773
August	5.28	1.93	5.17	.78	3.84	2.00	3.68	7.04	2.14	3.63	16.49	1649	1649
September ..	.91	1.98	1.46	2.99	2.00	1.15	2.47	2.74	9.61	3.77	18.59	1859	1859
October ...	3.29	4.11	4.67	3.46	1.91	5.50	8.39	7.22	5.14	3.43	24.18	2418	2418
November ..	9.93	5.17	4.67	5.99	4.53	4.24	4.75	4.08	4.33	2.90	16.06	1606	1606
December ...	4.23	6.92	4.43	3.39	6.44	8.11	3.74	3.93	8.23	7.25	23.15	2315	2315
TOTALS ...	44.45	37.55	41.77	37.27	38.99	41.03	44.95	42.14	50.71	40.91	178.76		

1912 Screen 6 ft high 10 ft SE
Station 6. 14. NE

889

Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	54.10.	4.29. 28	Douglas	1 1/4 m 2 m	SSW SE	St. Ninian	450 300 yds 200	SSW SE

RAINFALL at Douglas (Borough Council)County of Isle of ManObserver K. A. Bridge Esq.The Borough Council

River Basin _____

No.

Rain Gauge, by Penella

(1931)

Diameter ...	8												
Height	1.0												
Altitude ...	284												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	TOTALS 1920-30	
January ...	4.67	5.39	6.18	3.77	5.55	3.00	5.35	3.79	7.93	3.18	6.37	55.168	
February ...	2.18	.55	5.30	4.72	1.02	5.01	5.23	2.71	3.42	1.99	.70	33.163	
March	4.18	4.91	2.59	1.69	2.86	1.70	1.42	4.67	4.10	1.29	3.02	32.435	
April	4.28	1.50	2.79	2.72	3.73	3.32	1.54	1.76	1.66	1.39	2.25	26.245	
May	3.54	2.26	1.35	2.30	5.11	4.69	2.72	2.33	1.33	2.79	1.93	30.354	
June	3.52	.23	1.81	1.24	3.43	.11	2.20	4.59	6.57	2.06	2.23	27.936	
July	4.74	4.37	4.19	3.10	5.76	2.45	2.98	2.84	3.09	2.84	2.81	39.176	
August	4.33	6.17	3.03	6.85	5.48	2.37	3.68	5.56	5.26	5.00	6.24	53.975	
September...	3.56	1.99	4.13	4.05	6.52	4.00	2.82	6.75	2.61	1.00	6.30	43.733	
October	3.93	3.08	1.84	6.77	3.28	4.39	3.93	4.40	8.75	7.73	8.02	56.185	
November...	3.21	4.91	3.06	4.27	4.31	2.88	5.63	5.62	7.95	7.47	6.24	55.535	
December...	4.99	4.43	5.00	5.75	6.12	4.32	1.24	3.42	4.41	8.47	7.05	55.834	
TOTALS...	47.13	39.79	41.27	47.26	53.17	38.24	38.74	48.44	57.38	45.21	53.16	504.77	

1921. Observatory 9 ft high 14 ft N.

1925 SCREEN 8' high 12' SE.

1921-30 46.266

509.7395
509.7395Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	54°10'	4°28'	Douglas.	1/2 m.	S.W.	St. Nicholas.	300 yds.	S.W.

RAINFALL at Douglas (Borough Cemetery) M.W.R.County of Isle of Man. Observer The Borough Surveyor.

River Basin.....

Type of Gauge M.O.Annual Average 41.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref. Prof. N.

Diameter	5"										
Height	11' 0"										
Altitude	284'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS 1931-40
January	6.04	4.02	3.98	4.92	2.12	6.44	4.30	5.16	6.19	6.57	49.74
February	3.61	0.15	4.24	.25	4.30	3.71	7.61	1.62	3.45	4.18	33.12
March	1.01	1.67	3.54	2.93	1.56	2.67	3.59	1.88	3.28	5.21	27.14
April	1.85	3.78	2.04	2.82	3.75	1.11	4.09	.41	2.31	4.64	26.80
May	3.75	4.20	2.33	3.36	1.06	3.11	1.70	5.08	.65	1.15	26.39
June	6.00	2.19	2.70	2.94	3.96	3.37	3.04	5.97	1.97	1.21	33.35
July	2.89	3.21	2.06	.46	1.46	5.75	4.20	5.27	4.10	2.96	32.36
August	4.07	4.89	1.22	3.43	1.59	3.32	2.20	2.17	1.33	.97	25.19
September	4.14	4.78	0.98	4.61	5.81	5.93	2.50	3.32	2.45	4.32	38.84
October	2.59	8.50	5.39	6.00	5.94	3.00	4.47	9.00	3.21	4.88	52.98
November	11.08	2.93	2.40	2.83	5.92	6.13	2.37	5.31	5.39	5.75	50.11
December	3.57	5.73	2.08	11.31	5.08	5.88	4.48	4.30	3.51	5.17	51.11
TOTALS	50.60	46.05	32.76	55.86	42.55	50.42	44.55	49.49	37.84	47.01	447.13

* New 5" gauge measure for reading in inches taken into use end of 1937. Returns however, have been made in millimetres. Attention was drawn to this matter in x.44 when it was noticed that only certain values appeared on storm, as eg. 0.3, not .02

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. 4415RAINFALL at Douglas (Borough Cemetery) MWR

41

County of Isle of Man Observer The Borough Surveyor

River Basin

Type of Gauge M.O.Annual Average 41.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Baf N

File No.

Diameter	3"		5			607	828				
Height	1' 0"						3				
Altitude	284'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS 1941-50 Means
January	1.74	9.07	6.80	5.50	4.72	5.19	4.91	10.89	2.91	2.38	54.11
February	3.87	3.07	2.91	1.53	5.10	3.96	1.05	2.93	1.81	4.68	30.91
March	3.69	4.00	0.94	0.89	1.74	1.82	7.84	3.01	4.05	3.54	31.52
April	2.84	2.29	2.04	2.84	2.89	1.20	4.47	2.28	3.24	4.34	28.43
May	4.34	4.22	4.16	2.51	3.91	1.37	4.02	2.60	0.92	1.17	29.22
June	0.47	0.36	3.56	2.54	3.59	4.22	4.99	5.82	0.38	1.32	27.25
July	2.25	2.38	2.59	3.49	2.35	1.85	3.39	2.48	4.49	3.05	28.37
August	3.33	5.12	5.71	3.47	1.10	4.87	0.31	5.72	3.28	7.21	40.12
September	1.88	3.59	3.89	5.96	3.45	6.55	2.77	5.40	2.27	10.38	46.14
October	6.21	6.08	5.88	6.37	3.72	0.54	0.78	4.10	6.29	4.18	44.15
November	2.15	1.45	3.34	8.50	0.27	8.13	7.06	3.81	4.71	4.78	44.26
December	2.24	5.95	2.37	3.83	4.79	5.48	2.35	4.90	5.17	3.80	40.88
TOTALS	35.01	47.58	44.19	47.43	37.63	45.18	43.94	53.94	39.58	50.83	445.31

Note: In 1937 Douglas B.C. was supplied with a 5" M.O. gauge which was used. In 1938 the Inspector found these were being used. Returns have always been made in millimetres from 203 onwards. I inspected J.E. Cumming 29.10.47 gauge & site satisfactory but gauge not properly mounted & station from 12.4.49 Mr F.W. Head. satisfactory. (X1.448)
 Also exposed site to me in the form.
 1940 gauge only slightly too near objects. No need to re-site as gauge has been in this position for many years. Inspected 19/10/50 Satis.
 39.4.48

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. 4415

MWR

RAINFALL at Douglas (Borough Penetration)

51

County of Gislegh Observer Borough Surveyor

River Basin.....

Type of Gauge..... M.O.Annual Average 41.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.N.
45.17 " " " " " 1916-1950 1916-1950 File No. P

Diameter ...	5"			607	828			1' 11"	5"		
Height ...	1' 0"				3				0' 10 1/2"		
Altitude ...	284'				51				284'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.30	3.80	2.25	4.25	5.12	4.28	3.70	5.45	3.64	5.55	4334
February ...	3.08	0.95	2.18	5.17	4.00	0.91	4.26	6.37	1.43	3.90	3225
March ...	4.23	2.85	0.62	3.90	2.47	1.37	3.78	1.74	3.03	2.24	2623
April ...	1.50	1.43	3.33	0.57	3.13	1.11	1.05	1.11	2.53	3.56	1932
May ...	3.90	2.71	2.63	2.71	2.65	1.48	3.07	3.35	0.97	2.92	2639
June ...	0.84	2.55	1.63	2.22	4.80	2.46	1.79	3.83	2.77	1.81	2475
July ...	2.06	1.41	5.03	3.51	2.58	4.25	3.01	4.73	2.35	6.09	3502
August ...	5.05	5.16	5.23	4.64	2.44	7.96	3.02	5.41	0.29	2.85	4205
September ...	5.27	4.28	5.71	6.23	3.00	4.45	6.38	4.79	1.35	4.40	4586
October ...	0.88	4.86	5.00	8.97	3.26	3.57	5.82	3.70	5.05	5.62	4672
November ...	7.65	3.60	5.91	7.47	2.39	1.48	3.94	3.78	7.12	8.76	5210
December ...	6.77	5.57	2.65	7.20	6.34	4.04	4.10	6.53	9.99	5.52	5871
TOTALS ...	46.58	39.17	42.17	56.84	42.17	37.36	43.92	50.79	40.52	53.22	45274
	D	D	D	D	D	D	D	D	D	D	10

1955. Temp. 14.5-15.0° C. Air mass of sound although linked by mists. Boatsman good. Rainfall high. Linked.
 1956. Temp. 15.7-5.7° C. W. H.T.P. Halgate - Exposure satisfactory, but a little over-sheltered. No winds from N.E.
 Rain gauge needs a little packing to keep it level. From gauge - 14" 0.36-0.56" T. Not, roof height.
 Temp. 7.7-8.4° C. H.T.A. Halgate: Sails. No change. Leak unusual to be repaired. ✓ Repaired Jan. 1957.

862776.

Position of Station on Ordnance One-Inch map: No. of Map 87 National Grid Reference 24 1 30776

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
	210 D 213 D 213-16 D 1917 1918-19 D	1913 D 1921 D 1922 D 1923 1923-30 D	D	D	