

RAINFALL AT Anchan Clypse

Lat. ....

Lon. ....

County of Isle of Man

Rain Gauge, by

Observer

A. W. Moore Esq.  
Douglas Waterworks Co.

Diameter .....	8										
Height .....	10										
Altitude .....	250 4397										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.53	2.59	4.59	7.01	3.84	4.37	3.44	2.45	1.97		
February .....	7.22	3.56	2.76	4.75	4.65	2.20	.98	1.12	3.02		
March .....	4.62	3.57	1.48	4.08	3.63	3.82	2.42	4.28	2.84		
April .....	2.12	4.81	1.98	1.72	3.20	2.15	1.24	3.10	3.63		
May .....	2.89	.84	2.95	1.42	2.18	8.21	1.99	2.06	3.78		
June .....	5.50	3.87	3.17	.48	1.68	1.66	.64	2.80	.47		
July .....	3.30	5.91	2.16	4.86	2.20	5.62	2.70	8.48	3.09		
August .....	6.74	4.35	3.63	1.73	2.21	2.82	1.25	2.96	6.52		
September .....	3.40	3.49	8.51	3.33	5.69	4.27	3.42	1.38	3.43		
October .....	4.01	5.52	4.62	2.19	5.36	5.70	2.84	3.41	3.80		
November .....	5.32	7.67	5.30	4.21	3.51	5.19	3.88	7.14	3.46		
December .....	4.70	5.98	2.84	4.60	1.89	7.94	3.24	4.85	3.38		
TOTALS .....	51.35	52.15	43.99	40.38	40.04	53.95	27.99	44.03	39.39		

1883 Anchan Ch. 2m. S.

Cottage 20ft high 300ft. W.

# RAINFALL AT Douglas Clyse Onchan

Lat. \_\_\_\_\_ Len. \_\_\_\_\_ County of Isle of Man  
 Rain Gauge, by \_\_\_\_\_ Observer A. W. Moore Esq.

Diameter .....	8										
Height .....	10										
Altitude .....	439 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	4.36	1.74	3.44	2.39	3.39	3.33	2.14	2.94	2.83	7.12	3.369
February .....	1.85	.26	1.26	5.56	5.22	1.33	2.03	3.73	3.14	3.06	2.744
March .....	2.85	1.35	1.05	1.08	1.96	5.43	3.27	4.61	2.14	2.34	2.608
April .....	2.66	2.58	1.17	1.55	1.85	2.88	1.25	2.77	1.87	5.32	2.590
May .....	3.40	2.10	3.73	1.84	4.11	.26	.23	1.60	4.32	4.07	2.566
June .....	4.02	3.41	3.24	2.51	4.50	1.00	3.39	6.30	1.94	3.81	3.412
July .....	2.81	1.85	3.11	3.54	2.35	3.49	5.24	1.18	.31	3.88	2.776
August .....	4.40	7.06	6.90	3.85	4.12	4.65	1.85	3.57	5.33	1.37	4.310
September .....	4.04	7.44	3.56	2.70	.52	.94	5.73	7.19	2.60	3.40	2.812
October .....	2.40	6.28	8.17	4.14	6.74	7.19	7.08	2.48	5.22	3.82	6.352
November .....	11.07	5.88	3.53	2.51	3.64	4.26	2.00	5.83	4.69	3.00	4.644
December .....	2.78	8.22	4.24	4.13	5.27	4.41	7.14	4.87	3.95	5.29	5.030
TOTALS .....	46.64	48.17	43.40	35.80	43.67	39.17	41.35	47.07	38.34	46.49	43.010

4415  
RAINFALL AT Douglas Clypse Orkney

Lat.

Lon.

County of Isle of Man

Rain Gauge, by

Observer A. W. Moore Esq. C.Y.O.  
7 Castle Esq.

Diameter ..	8										
Height ..	10										
Altitude ..	4397'										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.R.A.S.
January ..	4.95	2.99	2.46	5.86	2.82	1.63	5.62	5.62	3.29	5.88	3.712 33.43
February ..	5.53	2.76	4.77	2.49	4.45	1.76	3.55	3.55	2.83	2.80	3.440 3.374
March ..	1.12	2.68	2.38	3.46	3.03	4.45	2.19	2.19	4.38	5.54	3.142 3.289
April ..	2.39	3.12	1.92	1.85	2.06	2.91	1.96	1.96	3.51	3.66	2.534 2.631
May ..	2.94	1.64	4.24	3.82	2.53	2.00	5.77	5.77	2.34	1.46	3.251 3.057
June ..	3.00	3.34	1.66	3.44	1.92	2.95	1.42	1.42	2.68	1.87	2.370 2.737
July ..	2.54	1.33	3.91	4.59	2.62	1.52	2.45	2.45	3.21	6.40	3.102 3.053
August ..	8.24	4.89	4.12	4.64	4.38	5.64	5.47	5.47	3.76	2.94	4.055 4.864
September ..	1.92	2.67	3.51	5.61	3.42	2.28	1.33	1.33	3.84	4.35	3.026 3.001
October ..	7.92	8.02	4.62	9.19	2.10	3.50	5.61	5.61	2.29	9.45	5.831 6.037
November ..	6.72	6.83	4.63	4.47	3.87	6.26	4.07	4.07	3.36	1.53	4.581 4.583
December ..	4.80	5.85	5.00	4.41	3.93	1.93	5.94	5.94	4.98	7.73	5.051 5.035
TOTALS ..	52.07	46.12	43.22	53.83	37.13	36.83	46.38	45.38	40.47	49.61	45.006

1907 monthly values  
corrected by  
Douglas (Normalized)

Ratio:  $\frac{42.0}{45.38} = \frac{42.0}{45.38}$

Conversion curve  
through point on bell.

f.

RAINFALL at Douglas Cleft Reservoir  
Anchan

County of Isle of Man

Observer F. G. G. Eg

River Basin.

M. W. Grebin

Constitutional

Rain Gauge, by T. P. Jackson & Sons Ltd. -  
2000 ft.

Diameter ...	8										
Height .....	10										
Altitude ...	450		420				440				
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.44	1.84	4.07	5.02	2.98	3.82	3.75	3.63	5.13	5.11	1762
February ...	5.04	4.19	4.12	1.90	3.78	5.33	3.56	2.74	4.50	1.94	1274
March .....	2.13	1.23	4.96	4.88	6.17	2.29	2.15	2.53	2.06	4.97	1171
April .....	3.84	3.29	.95	3.22	1.13	2.98	3.76	2.77	2.00	3.04	1157
May .....	2.47	1.76	2.22	2.82	3.74	2.27	7.01	4.55	3.45	2.25	1726
June .....	2.16	3.86	3.93	2.95	1.26	.89	2.68	1.61	1.93	3.24	949
July .....	4.04	2.28	3.82	1.46	3.41	4.77	3.05	1.98	3.71	7.4	948
August .....	5.56	1.82	5.61	.90	4.46	2.18	3.17	8.15	2.31	3.26	1687
September ..	1.01	1.81	2.01	3.48	2.01	1.28	2.86	2.31	10.27	4.09	2153
October ...	3.32	4.82	4.91	3.85	2.44	6.27	9.89	6.91	5.04	4.20	2682
November ..	11.36	5.55	4.62	5.73	4.66	4.93	4.90	4.50	4.37	3.02	1670
December ...	5.35	6.72	4.65	3.37	6.84	8.99	3.55	4.40	8.91	6.92	3588
TOTALS ...	49.72	39.17	45.87	39.58	42.88	46.00	50.31	46.08	53.68	42.81	45.610

1912 Hedge 10 yds away  
Reef 10 " + grass all round

Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Douglas	4.2 mi	SW	Anchan	2 mi	S

## RAINFALL at Douglas (Cliffe Reservoir), Orchan

County of Isle of Man

Observer Mr. W. Gibbin

River Basin

a. Boothman, Ray (27) took  
Rain Gauge by Pastorelli

M. Rain Gauge, by Pastorelli

J C Greenfield (90)

WW Lyr.

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
Height .....	1.0											
Altitude ...	470											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January ...	2.86	5.11	7.19	3.79	5.83	3.43	5.16	3.84	7.08	3.07	5.87	54.25
February ...	1.88	6.6	5.13	5.28	1.51	5.09	5.20	2.82	3.23	1.88	1.76	33.35
March .....	3.80	3.95	2.48	1.36	3.10	1.45	1.31	5.04	3.99	1.24	2.83	30.55
April.....	5.18	1.28	3.74	2.64	3.83	3.25	1.87	1.97	1.40	1.47	2.41	29.04.
May .....	3.66	2.10	1.05	3.06	5.23	4.68	2.52	2.38	1.27	2.48	1.96	30.40
June .....	3.20	2.5	1.62	1.06	3.23	1.10	2.39	4.11	6.00	1.67	2.28	25.93
July .....	5.12	5.18	4.16	3.01	5.51	2.21	3.00	3.32	2.53	2.97	3.01	40.02
August .....	4.02	5.63	2.74	6.89	5.20	2.55	4.09	5.29	5.63	4.94	6.17	53.10
September..	3.90	1.70	4.24	3.79	7.09	5.15	3.38	6.80	2.39	1.96	7.33	46.73
October.....	4.58	3.20	1.91	7.11	3.03	5.92	3.53	4.46	8.91	8.21	8.89	59.75
November...	3.20	5.42	2.92	4.02	4.03	2.93	5.61	5.58	8.55	7.20	6.29	55.83
December...	5.06	3.72	4.79	4.50	6.25	4.57	1.62	3.90	4.28	8.04	6.81	55.54
TOTALS...	47.54	38.12	41.97	48.51	53.90	41.33	39.68	49.51	55.26	44.13	54.60	
	0	0	0	0	0	0	0	0	0	0	0	

rise 856 ft. lie 1 mile N

9/7/28 Inspected by W. Gibbin see green file

1921-30 46.7031

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge
1920			Douglas	42 m. S.	Orchan
1925			Gronde	2 3/4 m. SE	2 m. S.

RAINFALL at Douglas (Clyffe Reservoir, Onchan)County of Isle of Man Observer J. & Greenfield, C.E.

River Basin

Type of Gauge AneroidAnnual Average 43.9 in. based on 33 years obs. 50%-weighted. Period of average 1881-1915 Ref. Bog N

Diameter	8"											
Height	11' 0"											
Altitude	4440											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.61	3.03	3.70	4.11	2.03	7.12	4.00	4.95	6.12	6.87	4.85	
February	3.43	.16	4.81	2.24	3.85	4.43	7.90	1.91	3.04	4.34	3.36	
March	.78	1.64	3.46	2.68	1.51	2.42	4.86	2.03	3.85	5.36	2.85	
April	2.10	3.40	2.05	2.73	4.03	1.48	4.05	1.48	2.44	5.07	2.78	
May	3.84	4.50	2.34	2.87	1.21	2.93	1.71	5.09	.68	1.47	2.65	
June	6.39	2.21	2.42	2.92	3.80	3.00	3.37	6.15	2.80	1.66	3.48	
July	3.11	3.31	2.10	.48	1.57	5.41	4.30	5.55	4.87	3.06	3.37	
August	4.46	5.23	1.19	3.72	1.45	3.25	2.40	2.55	1.64	.96	2.68	
September	5.03	4.98	1.21	4.51	5.73	5.89	2.33	3.11	2.46	3.41	3.86	
October	2.69	8.30	6.27	6.59	6.45	3.19	5.27	9.07	3.58	4.56	5.49	
November	11.20	2.26	2.45	3.36	6.00	5.75	2.41	4.85	4.96	5.92	4.91	
December	2.98	5.58	2.04	11.72	4.81	4.98	5.59	4.55	3.74	4.85	5.08	
TOTALS	52.62	44.60	33.54	45.93	41.44	49.75	48.19	50.89	40.18	47.03	45.41	KM

1931. Nothing close, on fairly level ground.

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

Station No. 14416

## RAINFALL at Douglas (Cliffside Reservoir, Ditcham)

41

County of Isle of Mann

Observer J.C. Greenfield Esq., I.O.M. W.B.S.

River Basin

WATER FARMER

Type of Gauge Standard

Annual Average 42.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref. B.F.N.

File No. 314474/77

Diameter	3"			60	6210						
Height	1' 0"					1					
Altitude	440					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.83	4.16	4.20	4.34	5.28	5.01	4.90	11.83	2.86	2.50	52.91
February	4.10	2.87	2.80	1.78	4.55	3.80	0.84	2.43	1.82	5.21	30.22
March	3.54	3.44	3.53	1.08	1.53	1.84	8.56	2.76	4.22	3.51	31.01
April	2.67	1.84	1.85	2.04	2.73	9.6	4.03	2.39	3.13	3.98	25.62
May	4.29	3.83	3.38	2.26	3.81	1.46	3.75	2.73	1.02	1.27	27.90
June	0.51	0.51	2.26	2.14	3.10	4.62	4.76	6.54	0.44	1.34	26.22
July	2.21	2.64	2.28	3.78	2.52	1.97	3.19	2.68	5.41	3.06	29.74
August	2.93	5.59	5.79	3.09	1.40	7.99	0.17	6.06	3.40	6.57	42.99
September	2.02	3.26	3.55	6.91	3.23	6.91	2.47	4.47	2.77	10.60	46.19
October	5.93	6.21	5.33	7.10	3.69	.79	1.00	4.31	6.47	4.80	45.63
November	2.64	1.87	3.95	8.29	0.39	8.34	6.52	3.57	4.87	4.83	65.27
December	2.22	4.96	1.87	2.65	5.14	5.41	2.60	4.83	4.81	3.93	39.42
TOTALS	34.89	44.18	40.79	46.46	37.37	49.10	42.79	54.60	41.24	51.60	443.02

1941 Shuttering close to gauge.

1944 n.p.low. Obs in service, depth taking obs. Gauge leaking 5/45, inner can repaired 6/45 + glass jar brought into use.

1945 n.p. low. new gauge installed 2/6/45.

391-12

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

## Air Ministry, Meteorological Office

T.F. 93.

Station No. 44519

RAINFALL at Llynn Reservoir (West corner).

County of Isle of Man Observer Water Engineer, Douglas

River Basin

Type of Gauge M.O.

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

Ref.

File No. 614474/27

51

Diameter	...			607	627					5"		
Height	...					1				11'		
Altitude	...					51				451'		
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...											6.05
February	...											4.65
March	...											2.17
April	...											3.55
May	...											2.92
June	...											1.63
July	...											7.43
August	...											3.08
September	...											4.51
October	...											6.25
November	...											8.49
December	...											5.91
TOTALS	...											57.14 n.p.

1960 Very slight over-exposure between north-east and east-south-east areas.  
the reverse.

1960 n.p. big

Position of Station on Ordnance One-Inch map: No. of Map 87 National Grid Reference 5C(24)402807

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

Summary of Earlier Records from 10-year Sheets:

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
C1960					

Station No. 4416

51

## RAINFALL at Douglas (Ellypse Reservoir Onchan)

County of Isle of Man

Observer T. A. M. Water Bt.

River Basin.

(Water Engineers), Douglas.

Type of Gauge.

Snowdon

Annual Average. 43.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. J. N.  
 " 46.12 " " 39 " within 1916-50 " " "

File No. 814474/27.

Diameter	3"			607	626						
Height	1' 0"					1			1' 4"		
Altitude	440'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.80	3.49	1.96	4.42	4.34	5.23	3.45	5.42	3.67	5.54	43324
February	3.47	1.25	2.45	4.72	3.56	0.82	4.38	7.16	1.21	3.93	3295
March	4.58	3.16	0.46	3.92	2.89	1.40	4.05	2.23	3.27	2.31	2827
April	1.46	1.60	3.39	0.80	2.90	1.23	0.97	1.17	2.66	2.86	1904
May	4.85	3.60	3.38	3.21	2.76	1.38	3.90	4.40	0.26	2.83	3127
June	1.07	2.42	1.68	2.39	5.41	3.08	1.91	4.38	3.15	1.40	2689
July	2.44	1.45	4.65	3.97	2.24	4.93	3.32	4.77	2.37	6.64	3538
August	5.21	5.44	5.18	5.79	2.56	7.96	3.28	6.13	0.43	2.91	4489
September	4.87	5.44	5.98	5.86	3.15	4.74	7.71	5.75	1.51	4.07	4908
October	1.03	5.66	4.18	8.17	3.30	3.81	5.77	3.32	5.04	6.51	4644
November	8.62	3.68	5.55	7.11	3.14	1.64	3.74	3.41	6.92	7.25	5106
December	6.23	4.94	2.42	7.23	6.43	3.49	3.86	6.51	9.41	4.76	5.528
TOTALS	49.63	42.13	41.23	57.59	42.68	38.51	46.34	54.65	40.62	51.01	464.39
D	D	D	D	D	D	D	D	D	D	D	10

High T. 1451 B.R. Dens. infreqd WNW-SW. No suitable. Clad z. abg 402800 at low altitude over sea level (36°) NW z (60°) E by lines. 3rd. int. shear N.G.R. 402807.

Position of Station on Ordnance One-Inch map :			No. of Map	87	National Grid Reference	SC 402807
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

## Summary of Earlier Records from 10-year Sheets :

Reported ✓ V.S.P.

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		1910-19	1912-1930	D	D	1941-43 D 1944-45 NP 1946-50 D