

RAINFALL AT Rothesay Barone Cottage

70

Lat. Lon. County of ... Bute
 Rain Gauge, by Observer J. Hay

Bute - 1.

Diameter....							5				
Height							1				
Altitude							116				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.	
January							(3.79)	7.74	6.19	3.07	
February.....							5.70	6.35	3.27	2.37	
March.....							5.99	3.73	2.54	3.90	
April							2.28	3.69	3.11	2.21	
May95	2.89	3.39	3.37	
June							4.41	5.07	3.37	7.88	
July.....							3.55	5.47	.74	5.25	
August							5.46	6.41	3.97	5.81	
September ..							2.88	2.09	4.78	8.32	
October							6.82	7.36	7.70	3.23	
November ..							2.88	8.75	1.47	1.90	
December ..							7.66	9.05	1.89	3.12	
TOTALS ..							46.00	(52.37)	68.60	42.42	50.43

rough estd. (v.12)

1876 Janj amount computed.

1878 Shrubs 3 to 4 ft high 10ft distant E.

Rothesay church $\frac{1}{2}$ mile E.S.E.

RAINFALL AT Rothesay Barone Cottage

Lat.

Lon.

County of

Bute

Rain Gauge, by

Observer J. Kay, Esq.

Bute - 1.

Diameter	5										
Height	1. 0										
Altitude	116 \overline{A}										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	2.69	4.6	4.50	6.25	7.21	3.72	4.67	4.12	3.38	3.54	4.060
February	4.11	5.06	3.42	6.18	5.46	4.60	2.38	2.74	1.41	3.30	3.859
March	3.43	5.87	4.15	2.39	3.90	2.61	3.78	2.29	3.72	1.97	3.411
April	3.64	1.76	2.50	2.56	1.40	3.13	2.09	2.37	3.29	2.58	2.532
May	1.19	2.68	2.76	3.10	3.84	2.97	2.95	1.19	4.55	3.35	2.858
June	2.67	5.42	5.10	3.12	1.27	1.93	1.55	1.56	3.15	1.32	2.709
July	2.47	5.49	6.02	2.63	5.79	3.09	2.97	3.15	5.04	2.29	4.094
August	1.79	4.54	4.12	5.12	4.51	2.45	2.82	3.72	3.66	6.35	3.908
September	3.40	3.77	5.52	3.25	3.30	8.56	5.21	4.53	2.48	2.39	4.241
October	8.80	2.65	5.40	6.00	5.82	4.20	3.90	2.36	2.36	4.03	3.758
November	5.89	6.85	8.39	7.89	4.40	3.26	5.14	3.27	6.32	3.30	5.471
December	6.23	5.74	5.59	5.99	6.74	3.44	4.47	4.01	4.26	4.94	5.141
TOTALS	38.31	50.29	59.59	54.41	53.64	43.96	41.93	35.31	43.62	39.36	46.042

1880. Rothesay, $\frac{1}{2}$ mile S.E.

Shrubs 4ft high 12ft NE

1882. Reg. Gen. give Nov. = 8.19 which is wrong.

RAINFALL AT Rothesay Parsonage Cottage

Lat.

Lon.

County of

Bute

Rain Gauge, by

Observer

J. Kay Esq

Bute - 1.

Diameter	5										
Height	10										
Altitude	116 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.90	3.19	4.66	2.49	7.35	1.42	3.00	1.36	2.90	6.80	4.00
February	1.05	.78	2.56	4.27	7.82	.67	3.08	3.39	4.18	2.98	3.078
March	4.08	3.90	1.23	2.05	2.61	3.36	6.13	4.08	1.70	3.75	3.289
April	1.96	1.64	1.86	2.93	2.25	3.20	2.79	2.63	3.39	4.91	2.756
May	3.83	1.94	6.13	2.70	2.79	.68	.79	3.09	2.43	3.44	2.782
June	5.79	2.58	3.99	1.39	3.17	2.62	3.50	6.35	3.61	2.27	3.527
July	4.06	1.48	3.49	5.08	4.34	4.68	5.66	3.37	2.62	5.50	4.018
August	3.32	6.37	8.25	3.67	4.45	6.77	3.32	5.36	5.45	2.63	4.959
September	6.60	4.72	6.59	3.48	.11	1.43	4.12	4.25	5.72	5.78	4.280
October	4.43	5.41	3.60	6.60	3.35	4.31	2.64	2.57	3.73	3.66	4.030
November	8.44	4.61	5.93	3.74	4.82	5.95	1.87	3.26	5.12	4.60	4.824
December	1.10	6.55	3.61	4.80	4.38	4.79	5.56	6.01	5.73	6.41	4.774
TOTALS	51.56	43.17	51.90	43.20	47.44	39.78	42.46	44.72	46.58	52.73	46.354

1891 Rothesay church 3/4 mile SE

Shrub 3 to 4 ft high 10 to 18 ft

1880

Glenburn Hydropathic 1904

RAINFALL AT Rothesay Parson's Cottage and

Lat. Lon. County of ... Isle of ... Date ...

Rain Gauge, by ...

Observer ...

J Kay Esq. R. H. Jackson, M.R.C.S., F.R.C.P. Surgeon
Isle of Man 1898-1904
Sect. Med. Soc.

Barts - 1.

Diameter ..	5										
Height	10										
Altitude ..	116 ft				76		95				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.H.A.N.S.
January ..	5.84	3.70	4.19	6.27	4.98	4.40	5.27	3.71	5.38	5.05	4.879
February ..	3.87	2.03	2.01	5.72	4.74	4.64	5.30	3.57	4.59	2.51	3.898
March	3.34	2.25	2.98	6.11	2.47	5.24	4.04	5.55	6.05	2.45	3.648
April	3.17	4.09	1.92	1.89	4.58	3.50	2.46	3.42	2.11	5.69	3.283
May	4.22	1.99	2.75	3.05	3.02	2.33	5.67	5.32	2.72	3.18	3.425
June	2.90	4.04	1.78	2.12	1.97	1.48	1.87	4.85	3.73	3.16	2.890
July	5.11	1.35	4.77	4.71	3.07	3.42	3.24	3.54	3.95	5.38	3.854
August	4.62	5.97	3.71	9.50	5.95	5.82	5.56	6.45	4.15	3.45	5.518
September ..	4.38	4.20	5.12	3.74	4.76	3.87	3.56	2.67	8.45	2.54	4.320
October	6.60	5.60	2.76	9.69	2.74	4.43	7.78	6.32	2.20	7.07	5.519
November ..	5.60	4.48	4.97	3.87	4.02	5.48	5.68	5.58	5.22	3.00	4.790
December ..	7.52	4.38	4.77	4.90	4.25	3.96	5.24	7.56	7.13	6.17	5.588
TOTALS ..	54.17	44.08	41.73	61.57	46.65	4857	55.67	58.54	55.68	49.65	51621

H.W.

1904 Gauge moved to Glenburn Hydropathic during the year, date not stated. amount not printed in "British Rainfall".

RAINFALL at Ardencraig, Rothesay.

County of Bute

Observer

J. Davidson Esq.

per M.O.

River Basin Isle of Bute

Rain Gauge, by

Diameter ...							5'				
Height							1' 0				
Altitude ...							201				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							657	3.56	5.75		
February ...							573	1.48	7.44		
March							1.35	2.77	2.41		
April							440	2.44	1.38		
May							432	5.37	4.37		
June							177	2.95	1.81		
July							227	2.41	4.18		
August							551	4.94	3.90		
September...							204	3.49	6.22		
October ...							741	10.50	7.48		
November...							640	10.44	7.75		
December...							549	3.54	7.16		
TOTALS ...							52.26	53.89	59.85		

probably going on after summer
of 1919 than

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

ardencraig (1914) 10 5392

RAINFALL at Rothesay, Glenburn

County of Bute
River Basin Isle of Bute.Observer Mr. D. Penney
J. Davidson, Esq.

Rain Gauge, by Metres.

Diameter ...	5												
Height	1.0	Glenburn											
Altitude ...	86		85.	201									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		SUMS MEANS, 1916-19	
January ...	5.61	3.88	6.03	6.51	4.75	4.99	6.61	3.58	5.73	5.71	21.63	263	
February ...	7.03	7.53	4.58	3.27	7.17	6.35	5.86	1.45	7.41	1.15	15.87	1587	
March	2.54	2.08	6.11	5.43	5.83	3.25	1.87	2.77	2.37	3.77	10.28	1028	
April	4.24	3.96	2.36	4.45	3.05	4.06	4.52	2.46	1.39	2.80	11.17	1117	
May	3.08	3.59	2.83	4.02	1.68	1.29	4.37	6.37	4.38	1.61	15.73	1573	
June	3.01	2.77	7.04	3.27	1.17	2.70	1.79	2.95	1.90	5.32	11.96	1196	
July	5.03	4.24	3.39	1.71	2.37	4.54	2.30	2.40	4.15	1.81	10.66	1066	
August.....	8.90	4.44	3.78	2.14	5.91	3.07	5.61	4.94	3.86	4.10	18.51	1851	
September ..	2.26	3.00	3.70	2.59	3.40	1.62	2.08	3.60	6.25	4.20	16.03	1603	
October ...	2.75	4.34	5.30	3.36	3.07	3.37	7.55	10.55	7.58	1.82	27.50	2750	
November ..	4.10	6.83	5.79	7.19	5.81	2.81	5.51	10.42	7.80	5.46	29.22	2922	
December ...	5.39	9.05	8.93	6.08	7.48	5.85	5.59	3.55	7.24	11.09	27.47	2747	
TOTALS ...	53.94	55.71	59.84	49.42	51.78	43.88	58.19	53.94	60.06	48.84	216.03		

D D D || D D

1911. Pier $\frac{1}{2}$ mile W.
 1913. Hedge 4 ft high 10 ft W
 1918. Wood rail fence 4 ft high 6 ft. W
 3 ft. - 5 ft. S
 Tree 60 ft. " 84 ft. S.

Gauge 26/9/15. Moved from Glenburn Hydro. to Ardencraig in Dec. 1914.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.						Craigmore	500 yds.	NE.
1912	54° 49' 50"	5° 4' 5"	Rothesay Pier	$\frac{1}{2}$ mile	W.			
1918	55° 50' 25"	5° 2' 20"	Craigmore Pier	$\frac{1}{4}$ mile	N	Craigmore	1 m	NW

RAINFALL at Rothesay, Ardencraig

County of Bute

Observer J. J. Davidson Esq., F.S.A. for Sir J. Reid

River Basin Isle of Bute

for Sir J. Reid

Snowdon Rain Gauge, by N. S.

Diameter ...	5"												
Height	1	0											
Altitude ...	201												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MARCHES.		
January ...	6.62	8.58	6.56	6.84	5.91	4.87	7.79	7.98	10.44	2.63	6.82	74.10	
February ...	6.21	2.08	6.59	5.95	1.47	3.74	6.45	3.20	5.46	3.59	.28	45.02	
March	5.53	6.49	2.56	2.90	1.16	3.52	4.98	5.05	5.37	1.67	2.26	42.49	
April	3.32	1.84	3.49	3.91	3.80	5.52	2.84	4.76	2.63	1.46	3.06	36.63	
May	6.97	3.94	5.23	2.94	4.67	7.78	3.01	4.20	2.35	3.68	2.50	47.27	
June	3.36	1.18	4.05	2.62	3.06	1.40	3.08	4.85	6.19	3.55	3.84	36.68	
July	4.46	5.52	3.93	5.09	5.96	2.30	3.50	4.43	4.13	4.49	4.52	48.32	
August	5.34	6.72	3.80	8.42	5.16	5.64	5.23	4.53	4.98	7.49	8.09	65.40	
September...	4.09	3.22	3.21	8.22	5.63	4.32	4.32	7.65	4.79	2.24	4.66	52.37	
October.....	4.29	5.30	2.85	7.59	3.90	5.32	9.16	6.16	10.32	7.66	9.56	72.11	
November...	7.37	3.73	5.53	5.41	3.52	1.52	6.87	5.44	9.20	7.79	7.21	63.59	
December...	5.16	9.01	5.33	6.46	7.38	3.71	4.13	1.63	6.86	11.37	7.67	68.71	
TOTALS...	62.74	57.61	53.13	66.36	51.64	40.64	61.36	59.88	72.72	57.62	59.99	652.99	

1920 Wood rail fence 4 1/2 ft high 6 ft W. 22-XI-36. Jan. 1920 connected by Edinburgh. (P. 497819/36)

Trees 60 - 84 - 5.

Position 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	55°30'23"	5°2'5"	Craigmore Pier	1/4 mi	N	Craigmore	1/2 mi	N.N.

RAINFALL at Rothesay, Ardencraig

County of Bute

Observer J. J. Davidson Esq.

River Basin Isle of Bute

Snowdon Rain Gauge, by N. G. S.

Diameter ...	5"										
Height	1	0									
Altitude ...	200										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.65	8.56	6.53	6.86	5.91						
February ...	6.18	2.06	6.60	5.95	1.47						
March	5.53	6.45	2.56	2.90	1.16						
April	3.29	1.40	3.49	3.92	3.81						
May	6.97	3.90	5.20	2.94	4.67						
June	3.36	1.14	3.95	2.62	3.06						
July	4.43	5.52	3.94	5.09	5.93						
August	4.94	6.70	3.84	8.42	5.17						
September...	4.08	3.22	3.30	8.23	5.66						
October	4.24	5.32	2.84	7.54	3.96						
November...	7.23	3.72	5.49	5.42	3.54						
December...	5.08	9.00	5.35	6.42	7.52						
TOTALS...	61.98	57.05	53.09	66.31	51.96						

1920. Wood rail fence 4½ ft high 6 ft W. 1923 suspended check gauge

" " " 3 " " 5 - 3. 1924 N. P. check gauge.

Trees 60 " " 84 - 5.

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	56° 50' 28" S	5° 2' 0" W	Craigmore Pier	1/4 mi	N	Craigmore	1/2 mi	N.W.

RAINFALL at Rotheray (Ardencraig) M.W.R.

County of Bute

Observer Sir John Reid

River Basin Isle of Bute

R. 3rd May
T. Macmillan & the Queen's Guard.

Type of Gauge

Mr J. Mc Phail (1939)

Annual Average 4.92 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Part N

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	1.0											
Altitude	200											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	7.49	10.09	5.35	6.39	3.60	4.50	6.73	8.73	4.35	2.71		5.984
February	6.59	2.22	4.87	1.41	0.28	3.02	5.56	3.06	5.88	1.84		3.873
March	1.82	9.10	3.10	3.07	2.29	3.11	2.16	3.82	4.11	5.13		3.171
April	2.81	5.04	3.80	3.59	3.42	1.84	3.16	.37	3.06	2.55		2.965
May	4.97	2.97	3.34	3.88	1.11	3.08	1.75	4.63	1.38	1.82		2.893
June	6.89	1.83	3.05	3.36	3.96	2.34	4.53	7.65	2.48	1.03		3.702
July	6.60	4.48	4.98	3.35	2.78	5.66	4.94	4.98	7.24	4.90		4.991
August	2.69	4.47	4.58	5.68	2.22	3.74	4.24	3.14	1.64	2.96		3.536
September	2.51	4.96	1.19	6.69	6.78	4.78	3.34	5.55	4.78	4.97		4.555
October	5.72	9.10	3.93	9.66	11.38	5.96	2.12	10.20	2.15	7.67		8.899
November	10.46	5.14	3.81	2.09	5.75	4.07	1.53	10.31	9.37	8.60		8.113
December	6.77	7.27	2.16	8.95	4.04	7.65	5.33	5.42	3.46	7.54		7.659
TOTALS	61.82	58.65	44.16	58.12	53.52	49.75	44.39	67.86	50.30	51.72		54.331

* *

x 2 1/2 x 1/36

1937 Wooden fence 2' high 6' w. Wood fence 3' high 4' s. Trees 60' high 84' s.

1940. Jam covered for snow

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
			Braignore Pier	1/2 m	N	Braignore	1/2 m	NW.

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

Station No.

5382

RAINFALL at Rothesay (Ardencraig) M.W.R. 41

County of Bute Observer Mr. J. McPhail

River Basin 1 - Isle of Bute

Type of Gauge.....

Annual Average 49.0 in. based on 35 years obs. un-weighted. Period of average 1887 - 1915 Ref. B of N.

File No.

Diameter	5"			(66)	44)						
Height	1' 0"					1					
Altitude	200'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.62	8.91	5.40	5.80	3.79	7.43	5.78	7.14	5.99	3.61	54.47
February	4.50	2.29	6.17	2.06	7.38	4.39	.82	5.18	5.55	4.78	43.12
March	2.70	3.63	3.14	1.60	3.75	2.78	3.99	4.19	3.30	3.31	32.39
April	2.19	2.34	4.70	3.32	2.84	2.73	5.65	2.80	6.77	4.04	37.38
May	2.07	3.80	4.08	4.16	3.81	.98	5.09	1.70	2.93	1.44	30.06
June	1.78	2.22	4.91	4.45	4.95	3.80	4.51	5.16	1.29	2.65	35.72
July	3.47	5.03	3.34	4.17	2.68	3.91	3.90	4.95	2.60	6.40	40.45
August	5.33	6.04	8.41	3.63	2.35	4.03	.03	7.71	5.38	5.40	49.61
September	2.04	7.08	5.66	6.33	5.95	7.77	4.93	8.39	2.56	11.43	62.16
October	5.33	7.74	9.37	6.65	6.12	.61	2.29	10.56	9.10	7.35	65.12
November	4.46	1.37	4.46	3.22	.92	6.71	7.45	4.69	6.94	5.42	50.64
December	3.07	8.06	3.58	6.34	6.01	6.15	2.82	7.71	8.63	2.11	54.48
TOTALS	37.56	58.51	63.22	56.73	50.55	51.29	47.26	70.18	61.04	58.24	55.458

476.34

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. 5382

51

RAINFALL at Portchasey (Ardencraig)County of ButeObserver Mr. J. McPhail⁽¹⁹⁵¹⁾River Basin Firth of Bute - 1Mr. J. McDermott

Type of Gauge.

Annual Average 49.0 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. B/N
 56.19 " " " 1916-1950 File No. P

Diameter ...	5"				667	447					
Height ...	1' 0"						1				
Altitude ...	200'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.93	5.66	3.42	5.49	3.29	3.88	6.94	7.65			
February	2.76	2.21	2.61	3.93	3.03	1.38	3.56	3.73			
March	3.72	4.10	1.32	4.22	1.47	3.10	6.78	1.01			
April	3.07	2.26	2.74	2.19	4.87	1.78	2.12	2.17			
May	2.43	1.97	2.48	3.88	3.72	4.01	2.18	3.71			
June	2.65	3.72	1.51	4.52	3.91	2.97	2.45	3.69			
July	3.69	3.76	5.90	5.09	1.11	4.45	6.58	5.27			
August	4.69	6.56	5.35	5.79	1.48	5.91	5.64	6.03			
September	4.51	3.89	5.59	8.85	5.16	6.30	4.14	2.87			
October	2.28	5.50	4.19	8.98	4.37	2.61	6.74	4.82			
November	7.96	2.61	8.28	8.77	3.00	2.22	2.59	2.77			
December	9.08	7.18	5.35	6.05	8.11	5.51	4.91	7.00	NR.		
TOTALS ...	52.77	48.92	48.74	67.46	43.52	43.13	53.21	-100			
	D	D	D	D	D	D	D	A.A.			

Inch 20/5/56 by Mr. Baillie. In this condition, has been soldered, two new screen (x 6 ft) and will be moved 15' N when site is cleared.

1958 ~ 12 in.
 1951 Sept. 28/10/51. Gauge badly sited only 3ft from the broad side of the large Clarkson screen & is additionally sheltered to some extent by 4ft high bushes within 6ft. Rec. gauge to move about 1/2 N.W. of the screen & bushes be cut as necessary.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NS(26)106647

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Shel) - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ ✓ last 47	✓	✓ ✓ last - 31	✓ ✓ last - 43	