

# RAINFALL AT *Dunrother Loch Cochrane*

Lat. ....

Lon. ....

County of *Dumfries*

*Singin Station* Rain Gauge, by *N.F.*

Observer *J.D. Mackie Esq.*

*Chyde - R. bank - Lt.*

*T.L. Rae Esq. G.S. (09)*

Diameter ..							5				
Height ....							10				
Altitude ..							...	909 ft			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.06	4.12	5.86	5.26	
February ..							3.39	4.04	4.35	3.17	
March ....							4.24	5.50	5.78	2.11	
April .....							2.11	2.69	1.99	4.80	
May .....							7.15	6.05	3.58	4.14	
June .....							2.16	5.37	3.25	3.44	
July .....							4.11	2.39	4.27	5.88	
August ....							5.72	6.89	4.84	4.82	
September ..							3.00	2.30	8.64	3.15	
October ....							7.70	6.17	2.20	7.35	
November ..							5.53	4.17	4.19	3.84	
December ..							6.15	6.91	5.07	5.82	
TOTALS ..							56.32	56.60	54.02	53.78	

1907 *Dunrother Ch* 2 miles N. (09)  
*Singin Station* 3 miles S  
*large on "Peal Moor"* 4 1/2 " N. (09)

RAINFALL at Kilpatrick Hills, Loch Gochno.County of Dumbarton Observer T. L. Rae Esq. B.E.River Basin Glyde. Right bank tribut. 84.Snowdon Rain Gauge, by N. & L.

Read Weekly.

Diameter ...	5										
Height .....	10										
Altitude ...	909*										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.98	4.53	3.82	3.98	6.19	4.24	10.14	4.75	5.42	5.61	25.92
February ...	4.35	7.65	4.48	3.68	4.78	4.54	4.98	1.50	7.38	3.4	14.80
March .....	2.56	1.93	7.38	5.42	6.52	4.00	4.28	2.28	1.71	1.91	10.18
April .....	4.26	3.25	2.90	3.98	2.99	3.71	5.53	2.50	1.30	2.91	12.24
May .....	2.51	3.19	2.46	4.83	2.20	1.13	6.14	3.39	2.86	1.66	14.05
June .....	2.35	4.21	6.01	3.62	1.15	2.54	4.75	3.92	1.55	4.74	14.96
July .....	3.78	5.12	3.22	1.69	3.94	5.75	6.42	2.73	4.74	2.18	16.07
August .....	11.29	2.58	3.92	1.81	7.12	2.66	4.95	5.15	5.11	3.61	18.82
September ..	2.57	3.91	4.65	2.57	3.73	2.07	1.61	6.94	6.65	4.91	20.41
October ...	3.99	1.52	6.39	2.73	2.72	5.29	9.80	8.32	8.71	2.25	29.08
November ..	3.97	9.18	3.32	7.82	6.29	3.12	8.12	8.87	5.85	5.26	28.10
December ...	5.80	9.43	12.69	4.72	6.60	5.49	6.98	2.51	4.84	7.59	22.22
TOTALS ...	52.41	56.50	61.24	46.85	54.23	44.54	73.70	52.86	56.12	43.27	228.95

1912. G. frozen in last week of November

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Singers.	2				

RAINFALL at Helpatrick Hills, Loch Cochno.County of DumbarlonObserver J. L. Rae Esq. C.E.River Basin Glyde - Rights-bank tribs. 4.(1926) E. J. Collins Esq.Snowdon Rain Gauge, by 229 ft.

Diameter ...	5"											
Height .....	10											
Altitude ...	909											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	6.00	9.78	5.81	6.33	6.26	5.21	8.10	5.85	12.38	3.00	8.29	44.01
February ...	6.11	2.06	4.72	6.92	1.38	4.95	9.68	3.22	5.70	(2.38)	1.40	47.52
March .....	5.57	7.14	2.72	1.50	1.29	1.90	4.35	5.31	6.20	(1.04)	1.21	38.23
April .....	3.95	1.36	2.74	4.18	2.79	5.93	3.13	5.35	2.57	1.23	1.78	35.01
May .....	5.83	2.70	5.44	2.98	5.15	6.91	3.36	3.55	2.00	3.72	3.32	44.98
June .....	3.42	90	2.33	1.59	3.11	1.72	5.12	4.85	6.95	2.65	2.64	35.28
July .....	6.61	3.36	2.88	6.52	5.33	2.13	3.27	3.86	5.25	5.33	4.87	49.41
August .....	6.74	9.12	3.68	8.01	6.82	4.36	3.73	6.31	8.45	7.19	6.56	70.97
September...	3.72	3.34	3.15	8.55	5.82	5.29	3.66	5.56	4.99	3.06	4.67	51.81
October .....	2.04	5.60	3.00	8.17	4.32	4.43	9.01	8.35	8.98	7.02	7.06	67.98
November...	5.56	4.23	5.06	3.80	4.37	1.12	6.60	3.60	8.07	8.77	7.15	58.33
December...	5.30	10.10	3.89	3.01	7.58	4.40	3.40	1.70	4.72	12.37	6.25	62.72
TOTALS...	60.87	59.69	48.42	61.56	54.22	48.35	63.41	57.51	76.26	57.76	54.20.	639.25

1929. Feb. &amp; Mar. est'd. by frozen.

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	Parish Church.	Distance from gauge	Direction
1911			Singers	2				



RAINFALL at *Hiepatrick Biew (Loch Cochno)*County of *Dumbarton*Observer *E.T. Collins, C.E. Eng.*River Basin *4 - Clyde - Right Bank*

Type of Gauge

Annual Average *52.8* in. based on *27* years obs. *un-weighted*. Period of average *1881-1915* Ref. *Survey**computed x 11/36*

Diameter	5.										
Height	1. 0.										
Altitude	909.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.54	10.32	5.19	6.65	2.94	7.64	6.54	9.80	5.76	(300)	62.38
February	5.65	00	4.50	9.1	6.46	3.06	5.72	3.82	6.75	2.06	38.93
March	3.74	3.16	2.65	2.44	2.74	3.57	1.83	5.58	4.91	5.80	36.42
April	2.67	4.57	3.05	3.32	3.96	1.57	2.51	.99	3.56	4.21	30.41
May	5.56	3.59	3.08	3.12	.61	1.78	1.89	4.59	2.22	1.79	28.23
June	7.05	1.99	1.83	2.51	5.57	3.42	6.03	8.94	2.83	1.45	41.62
July	4.81	2.15	4.82	2.63	2.94	5.78	4.38	4.95	8.47	5.49	46.42
August	4.38	3.27	4.46	7.89	2.66	4.62	3.21	3.74	3.04	3.17	40.04
September	1.73	4.25	.66	6.10	8.06	4.73	3.81	7.16	3.57	5.56	45.63
October	5.01	7.41	3.64	9.90	12.89	7.36	5.32	10.81	3.38	7.34	73.06
November	8.28	3.89	2.03	2.34	5.44	5.34	1.91	10.99	10.07	7.20	57.49
December	4.15	7.45	1.10	7.30	4.28	8.02	3.37	3.63	3.08	6.00	48.38
TOTALS	57.57	52.05	37.01	55.11	58.55	56.89	46.52	75.00	57.64	53.07	54.94

1940 Jan corrected for snow.

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

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

Station No. 5339

RAINFALL at Kilpatrick Hills (Loch Cochna)

41

County of Dumfriesshire Observer E. T. Collins, Esq.

River Basin H. Clyde - Right Bank J. E. McWilliam, Esq.

Type of Gauge Snowden

Annual Average 52.9 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Summary

File No.

Diameter	5"				661	287						
Height	1'0"					1						
Altitude	909'					4						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS	Means
January	(150)	(450)	6.71	7.54	(3.00)	6.79	5.70	6.51	7.38	5.47	55.10	
February	589	(180)	5.51	2.81	(8.86)	3.78	(1.00)	6.54	6.56	5.60	48.35	
March	317	(510)	4.01	1.30	3.58	3.28	(5.79)	5.12	4.19	3.56	39.00	
April	225	347	5.35	3.65	3.56	3.09	7.27	4.10	6.50	4.88	44.22	
May	446	426	4.05	4.18	5.14	1.55	4.23	1.25	3.08	1.76	33.96	
June	162	255	5.80	4.93	4.34	4.20	5.65	6.95	1.40	3.18	40.62	
July	475	457	2.75	3.83	4.66	4.96	5.44	4.54	3.54	8.82	47.86	
August	622	718	7.89	3.53	3.01	4.16	0.00	9.73	6.17	4.16	55.65	
September	268	749	4.99	6.16	7.22	9.15	6.45	8.45	3.58	10.48	66.65	
October	660	1011	11.34	5.97	7.57	0.69	2.96	9.76	7.31	5.97	68.28	
November	418	142	4.04	7.24	1.09	8.36	8.20	5.68	5.48	3.57	49.26	
December	402	618	2.74	8.58	4.78	5.27	4.52	6.65	10.88	2.74	56.36	
TOTALS	4734	5923	65.18	59.72	56.81	55.28	67.21	75.28	66.07	63.19	605.31	
			W	W	W	W	W	W	W	W		

1941 Jan estd.

1942 Jan - estimated

1945 Jan &amp; Feb. alt. cond. for snowfall.

1947 Feb &amp; Mar. app. for snow

1948-49 remark. he falling off but higher states gauge bend. 7/50

7/50 gauge on open mountain, grass 3 in high

1950 Jan/Feb had alt. as gauge fresh Dec/Jan's alt. gauge frozen.

40004 70004

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.
			Dalmuir	3 m.	S.	Duntocher	2 m.	S.

BRITISH RAINFALL ORGANIZATION

51

File No. ....

1955. Prop. H. Shomron 28.9. G. about 100' with wooden prop at 9". Lte overcunged (1:7 slope to back) in SE & SW ground rises in other directions. G. the mound of new gas installed 100' S.W. in hollow at about same altitude protected by rising ground to all sides. ~~about~~ January 1956 overlap grange installed at all

6004

30004

60004

1961 record received from Mito Edm. 7/68

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

1916-1950, P-Sub - Rejected

(62) Wt. 13072-389 10M 6/50 T.S. 841



RAINFALL at Kilpatrick Hills (Loch Cochrane) n.g. Station No. 5339/1  
 County of Dumfries Observer Hydrographic Dept. Water Guard  
 River Basin h  
 Type of Gauge h

51

Annual Average 58.62 in. based on 4 years obs. un-weighted. Period of average 1956-59 Ref. 1916-50  
 File No. 3

Diameter ...			661	288		5"						
Height ...				1		1'						
Altitude ...				51		915'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...						4.31	7.47	5.16	2.11	4.73		
February ...						1.97	4.82	3.30	2.64	4.85		
March ...						3.71	6.99	2.26	3.05	2.66		
April ...						1.15	2.53	2.20	3.65	4.76		
May ...						3.21	3.13	4.29	1.38	3.24		
June ...						3.20	2.98	3.84	3.62	3.52		
July ...						6.62	5.67	6.30	4.58	6.12		
August ...						5.86	7.16	5.51	1.35	4.11		
September ...						6.86	4.12	4.44	2.03	3.75		
October ...						4.07	7.00	5.91	5.47	3.64		
November ...						2.44	2.47	2.42	6.60	6.26		
December ...						8.23	7.01	5.09	7.08	6.35		
TOTALS ...						51.69 W	61.35 W	50.72 W.	46.56 W.	53.99 W		

Annual average 58.62 in. based on 4 years obs. 1956-59. Period of average 1916-50 Ref. 26/488763

Position of Station on Ordnance One-Inch map: No. of Map ..... National Grid Reference 26/488763

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