

RAINFALL at Gartcosh, Garlock Hospital

County of Lanark

Observer Mr James McEwen

River Basin Clyde Right Bank trib. 4

Snowdon Rain Gauge, by Liquefied Gas

Diameter ...				5							
Height				1 1							
Altitude ...				291							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.34	3.68	2.48	5.51	2.72	4.28	3.62	16.15
February ...				3.11	3.63	3.99	5.14	1.15	4.65	.86	11.80
March				4.02	4.89	2.11	2.39	2.40	1.50	2.49	8.78
April				2.68	2.51	2.39	3.90	1.82	.62	2.00	9.34
May				2.83	2.26	1.37	5.58	3.26	1.97	.66	11.47
June.....				3.39	.94	2.08	3.34	2.45	1.51	4.31	11.61
July				1.87	2.83	4.07	3.28	2.41	2.91	.99	9.59
August.....				1.89	3.40	3.06	4.65	4.79	3.80	3.00	16.24
September ..				2.38	2.09	1.85	1.24	2.59	6.14	2.78	12.75
October ...				1.82	1.65	2.64	6.53	4.99	4.65	1.11	17.28
November..				5.39	4.94	1.38	3.54	8.14	3.66	4.71	20.05
December...				3.87	5.66	5.15	5.15	2.96	4.29	5.88	18.28
TOTALS ...				36.59	38.51	32.57	50.25	39.68	39.98	32.43	162.34

1913 Sweetpeas 5 ft high 10 ft NW 1914. Bushes 4 ft high 8 ft. NW
 gooseberry 4" : 5" NE Sweetpeas 4" 12" W
 Rose 3" 12" SW Dwarf plants 1 ft u " 5" S.W 4 NE
 grass all round

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913			Gartcosh	7 fms.	N	Bayeddie	12 m	SS E
1914	55° 5' 24"	4° 6'						

RAINFALL at Gartloch (Gartloch Hospital).County of Lanark Observer Mr James McEwen,
Head Gardener.River Basin 4 Clyde, R. bank.Snowdon Rain Gauge, by Lizard
Playnes.

Diameter ...	5"										1930, MEANS.
Height	1.1										
Altitude	291										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January	5.28	7.43	4.49	4.27	3.74	4.15	4.73	5.37	8.58	1.35	6.10
February	5.10	9.4	3.87	3.88	9.3	3.03	4.74	2.41	4.65	1.67	1.18
March	4.01	5.27	1.88	1.27	7.6	1.93	3.19	2.99	2.93	.93	2.07
April	1.76	.98	1.84	3.72	2.23	4.58	2.47	3.07	1.07	1.64	1.15
May	4.41	2.29	3.53	2.37	4.75	6.22	3.32	2.60	2.33	2.57	1.67
June	1.40	.69	2.40	1.07	2.42	.68	2.64	4.17	4.82	2.76	2.49
July	2.91	4.33	3.64	4.97	3.71	1.93	3.70	3.39	2.10	3.30	2.40
August	5.83	6.30	2.74	6.66	5.89	4.36	3.57	7.31	3.65	6.66	5.95
September	2.81	2.30	3.11	5.48	3.49	3.47	3.88	6.51	2.97	1.84	3.47
October	1.64	5.14	1.83	3.05	3.53	3.12	5.04	4.37	5.45	4.82	5.45
November	4.92	2.62	2.12	4.41	2.59	.80	5.63	3.44	4.06	6.24	5.07
December	3.53	7.04	3.30	4.00	4.87	3.08	2.25	1.01	3.72	8.91	3.22
TOTALS	144.00	45.33	34.45	47.15	36.91	37.35	45.16	46.64	46.33	40.99	38.22
	0	0	0	0	0	0	0	0	0	0	0

1920. Soil from Banks 4.6 8 ft N.W.
Soil Herbaceous 2" 5" S.W.
1925. D. dwarf Vogs. 3" 5" N.E.
Herbaceous. 1" 4" N.W.
Ground 6 in 2" N.E.
Walk. 2 ft 4" S.W.
 - 2 ft S.E.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
 Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	55° 38' 40"	4° 16' W	Garnkirk	7 ft. 2	N.	Bargeddie	15 m.	dd E.

RAINFALL at Garveach (Garveach Hospital)

County of Lanark.

Observer James McEwan, M.A., D.Sc.

River Basin - Clyde - Right Bank.

Donald McMillan (1936)

Type of Gauge Snowdon.

Annual Average 37.8 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S
Completed x 37

Diameter	5"										
Height	1' 1"									1' 0"	
Altitude	821'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.31	8.36	3.42	4.11	2.11	4.38	3.40	5.49	4.73	2.12	21.43
February	3.89	.05	3.09	.37	4.01	2.00	4.86	1.48	4.91	1.54	26.20
March	1.27	2.44	2.18	2.69	1.86	2.80	1.24	3.10	2.92	4.29	24.48
April	2.07	3.20	1.94	3.58	2.41	1.25	1.49	.63	1.94	2.84	21.65
May	3.89	3.07	2.11	2.12	.56	.96	1.77	3.82	.92	1.10	20.32
June	5.41	.89	1.60	2.03	2.90	1.45	3.32	4.86	2.32	.78	25.56
July	5.81	3.67	4.26	2.05	1.74	4.58	2.89	4.22	3.88	4.06	37.10
August	2.67	1.41	2.96	4.27	2.10	3.54	3.83	2.94	1.63	2.05	27.39
September	1.33	4.56	1.00	4.35	5.25	4.60	1.87	3.32	2.36	3.65	32.29
October	3.06	5.73	2.41	5.52	8.41	3.99	3.52	8.16	2.26	4.08	47.14
November	6.25	3.05	1.76	1.25	4.04	3.73	.56	6.19	6.75	4.46	38.03
December	3.42	6.81	0.68	3.27	2.27	4.99	2.28	2.23	1.67	4.11	31.70
TOTALS	12.38	43.24	27.36	35.61	37.65	37.97	31.33	46.44	36.29	35.08	373.25
	D	D	D	D	D	D	D	D	D	D	

1931. Pinks 9° high 3'S.W. Strawberries 9° 14' N.W. Herbaceous 4° high 6° N.N.E. Walk 3° S.E.

1934 Lupins 4° high 6° N.N.E.

1937 Campions 1° high 6° W.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931.			Gartkirk	1m	N.	Bangeddie	1.2m	E.S.E.

Station No.

5184

RAINFALL at Gartcosh (Gartloch Hospital)

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County of Lanark

Observer M^r Donald McMillan

River Basin 4 - Clyde - Right Bank

Type of Gauge Snowdon

Annual Average 37.8 in. based on 20 years obs. yr-weighted. Period of average 1881 - 1915 Ref S

File No.

Diameter	5"				659	294					
Height	1' 0"					1					
Altitude	291'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.99	5.83	3.56	4.37	2.65	4.37	3.65	6.28	3.68	2.77	38.15
February	3.10	1.46	4.21	1.60	5.63	2.90	1.62	3.90	4.10	4.16	32.68
March	3.35	1.88	1.97	0.83	2.77	2.07	2.62	3.01	1.87	3.14	23.51
April	1.61	1.96	2.59	1.95	1.92	1.46	5.28	2.83	4.44	2.67	26.71
May	4.03	2.80	3.71	2.78	3.96	1.55	3.83	1.62	1.85	1.10	27.23
June	1.00	1.40	4.26	2.57	4.17	3.50	3.43	6.75	1.23	2.17	30.48
July	3.68	2.39	2.50	3.81	3.02	3.74	2.41	3.27	2.16	4.92	31.90
August	4.52	3.30	5.44	3.26	2.57	3.08	0.90	6.06	4.39	5.28	37.95
September	1.32	4.41	1.81	5.46	4.95	6.53	4.17	5.98	1.30	8.41	24.34
October	3.77	4.83	7.14	4.57	4.93	0.62	1.62	4.71	5.26	2.57	40.02
November	2.75	6.64	2.21	7.02	6.61	4.86	4.83	3.23	3.47	2.71	32.33
December	2.24	3.34	1.38	4.50	2.74	2.91	2.82	4.50	7.30	1.82	33.55
TOTALS	32.36	34.24	40.78	42.72	39.92	37.59	36.28	52.14	41.05	41.72	398.90

Position of Station on reduced Ordnance Survey Map, } No. of Map
1 mile to 1 inch Series

Reference No.

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

BRITISH RAINFALL ORGANIZATION

Station No. 5184

RAINFALL at Gartcaor (Gartcaor Hospital)

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County of Lanark

Observer M. Donald McMillan

River Basin. 4 - Clyde - Right Bank

Type of Gauge. Standard

36.6 23

Annual Average 37.8 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Refs S
39.91 " 25 " 1916-1950 1916-1950 P

File No. X

Diameter ...	5"				658	294					
Height ...	1' 0"						1				
Altitude ...	291'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.99	4.25	1.63	4.66	2.46	2.22	5.18	3.39	1.32	3.14	
February	2.46	1.52	1.22	2.81	1.91	1.59	2.92	2.69	1.60	2.96	
March	2.95	2.03	1.00	2.37	1.56	2.44	3.74	.99	1.57	1.93	
April	2.18	2.00	2.11	1.61	1.33	1.02	1.88	1.47	2.70	2.76	
May	1.64	1.87	2.18	3.50	3.11	2.01	2.90	3.30	1.29	2.80	
June	1.96	2.62	1.79	3.11	2.09	3.04	2.40	3.05	3.10	2.44	
July	5.05	2.50	4.72	3.14	1.10	5.66	3.47	5.64	4.85	3.51	
August	4.61	3.31	3.25	4.85	1.45	5.06	4.31	4.54	0.94	2.84	
September	2.74	2.75	3.05	4.77	3.60	4.40	2.36	3.77	1.11	2.31	
October	1.08	3.22	2.01	9.42	2.76	2.73	3.50	2.80	4.09	2.64	
November	5.86	2.17	6.00	5.87	1.89	1.40	2.00	1.96	5.04	5.03	
December	5.12	3.27	4.42	5.14	6.92	4.51	4.24	4.55	4.92	4.49	
TOTALS	40.64	31.51	33.38	51.27	29.18	36.08	38.87	38.15	32.53	36.85	
	D	D	D	D	D	D	D	D	D	D	

1945. Pump. H. 3 hours. 6.10. g. sound, mostly wooden casey 48°. Site satiating, slight slope to SE + NE (down).
 Lms. 6.838. G. sound. C. exp. sol. - g. in walled garden with slope to SSW of 1 in 12.

* Mr McMillan (Head gardener) has measured base for many years. All buildings in the Botanic Garden. Pump situated just beyond north boundary wall and east of main entrance.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 627100

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

Summary of Earlier Records from 10-year Sheets :

1916-1950 (48) P-accepted

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1913 ✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓