

RAINFALL AT

Glasgow Botanic Gardens

Lat.

Lon.

County of Lanark

Rain Gauge, by

clyde, r. bank - ft.

Observer J Whitten Esq

Diameter ..				5 6							
Height ..											
Altitude ..				110							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					6.58	3.48	1.32	4.53	2.23	4.14	4.44
February ..					5.93	2.03	1.96	2.45	2.30	2.35	1.62
March ..					7.26	1.07	3.05	3.27	3.47	3.68	3.01
April ..					.94	3.56	2.48	1.26	1.30	1.20	3.32
May ..					2.93	3.10	1.65	3.47	3.40	3.16	2.37
June ..					2.01	1.16	.52	1.42	3.96	2.23	3.40
July ..					2.53	3.76	2.60	1.96	3.32	1.95	3.21
August ..					5.67	3.64	3.50	5.04	4.91	2.22	2.99
September ..					3.98	3.15	2.40	1.75	1.27	4.93	1.67
October ..					7.21	1.31	2.29	5.03	6.45	1.97	5.20
November ..					2.39	1.68	2.32	3.89	2.11	3.20	2.34
December ..					2.02	2.55	3.07	3.50	4.32	2.62	4.28
TOTALS ..					49.45	30.54	27.16	37.57	39.07	33.65	37.85

RAINFALL at Glasgow, Botanic Gardens

County of Lanark Observer J. Whilton Esq.

River Basin Clyde - Right bank trib. 4.

Rain Gauge, by _____

Diameter ...	5													MEANS.
Height	0 6													
Altitude ...	110													
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919				
January ...	3.76	2.14	3.54	2.82	2.54	2.47	5.03	2.08	4.39	3.35				
February ...	3.37	5.86	2.88	2.71	2.31	4.31	3.98	1.09	4.24	.89				
March	2.16	1.35	4.08	3.03	4.18	1.68	2.26	2.23	1.18	3.32				
April	4.23	2.60	1.66	2.83	2.32	2.31	3.49	1.67	.23	1.35				
May	1.68	1.86	1.20	2.86	1.74	1.65	3.54	3.54	2.03	.105				
June	1.87	1.86	4.53	2.41	.45	1.92	2.76	2.62	.94	4.31				
July	4.00	2.15	2.03	1.18	2.38	3.59	3.10	2.98	3.08	.92				
August	6.62	1.38	2.95	.92	4.16	1.79	2.38	3.37	4.14	8.19				
September ..	1.43	2.33	2.45	2.01	2.46	1.49	.56	1.77	2.87	8.08				
October ...	1.10	2.88	3.58	1.59	1.23	2.60	6.48	5.09	5.10	.93				
November ..	3.65	5.00	3.96	4.72	3.85	1.89	3.28	5.71	3.96	3.72				
December ...	3.37	5.27	5.61	3.42	6.22	4.85	5.28	2.81	4.18	5.13				
TOTALS ...	37.24	34.68	38.47	30.50	33.84	30.55	42.14	34.96	36.34	38.82				

1953. 1916 values copied from S.M.S. Journal XVII, read from M. o. lde.

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

RAINFALL at *Glasgow Botanic Gardens*)County of Lanark Observer J. Whitter, Esq.River Basin Clyde, R. bank. E. Matthews.

Rain Gauge, by _____ (1926) W. Besant Esq.

Diameter ...	5"										1930, MEAN	
Height	0.6											Totals:
Altitude ...	110											51.17
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
January	11.68	6.74	4.15	3.50	4.04	4.21	4.81	4.58	3.45	1.51	4.80	
February ...	5.71	1.99	3.29	3.95	7.3	2.85	4.30	2.56	4.08	1.79	2.1	29.92
March	3.51	5.39	1.30	1.38	8.5	2.27	2.69	2.94	3.94	.84	2.47	27.38
April	1.58	.53	2.18	3.54	2.25	4.02	2.43	2.31	1.13	.95	1.15	22.07
May	4.01	1.85	3.37	2.14	4.34	5.70	3.34	2.49	2.21	2.50	1.60	33.35
June	1.97	4.6	1.67	1.02	1.80	3.2	2.06	4.09	5.43	2.86	2.80	24.48
July	2.78	3.67	2.42	3.98	3.31	1.94	3.00	4.03	2.10	2.65	2.33	33.21
August	4.25	5.55	3.65	5.17	4.27	3.10	3.12	6.27	3.07	5.89	5.66	50.00
September...	2.30	1.90	1.96	5.36	3.49	2.90	2.85	5.75	2.87	1.22	4.90	35.50
October.....	1.68	4.40	1.77	4.54	2.42	3.05	5.43	5.08	5.85	4.77	6.60	44.37
November...	4.08	2.18	2.05	3.13	2.66	.69	5.93	3.73	4.52	6.31	4.65	39.93
December...	3.26	5.08	3.32	(3.23)	5.29	3.07	1.55	.80	4.02	7.79	3.86.	41.27
TOTALS.	39.07	38.74	31.13	40.94	35.45	34.12	41.51	44.63	47.67	39.08	40.83	432.67

1923 Corrected for snow in December.

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	Parish Church.	Distance from gauge

RAINFALL at Glasgow (Botanic Gardens)

County of Lanark

Observer W. Beasant

River Basin. 14 - Clyde - Right Bank

Type of Gauge.

Annual Average 34.7 in. based on 29 years obs. w-weighted. Period of average 1881-1915 Ref. S
Computed X(37)

Diameter	5"										Means
Height	0' 6"										
Altitude	110'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.11	5.23	3.76	4.53	1.52	4.56	3.64	5.06	4.04	2.63	Totals 37.88
February	3.10	0.04	3.11	1.48	3.89	1.84	5.00	1.76	4.60	1.52	25.34
March	1.86	2.06	2.11	2.37	2.08	2.67	1.40	2.64	2.59	4.37	23.15
April	1.40	3.24	1.85	3.06	2.81	1.02	1.82	.43	1.79	2.55	19.97
May	4.56	9.45	2.51	2.42	.54	1.48	1.80	4.14	1.20	1.08	23.18
June	4.78	.90	2.14	2.14	4.99	1.76	2.40	4.90	1.99	.75	26.75
July	4.10	3.30	3.52	2.38	1.72	4.75	2.81	3.94	4.17	3.97	34.66
August	2.15	1.58	2.58	1.34	1.92	2.60	3.36	2.50	1.59	2.08	24.70
September	1.16	3.63	.75	4.40	4.79	3.48	2.42	2.83	1.98	3.47	23.91
October	2.87	6.07	2.57	5.04	7.69	3.81	3.63	7.14	2.61	4.94	46.37
November	6.27	3.18	1.87	1.08	3.64	3.71	.35	6.55	6.81	4.66	38.12
December	3.00	6.78	.68	4.62	2.74	4.99	2.19	2.93	2.31	4.28	34.52
TOTALS	37.36	39.46	27.45	36.66	38.33	36.67	30.82	44.82	35.68	36.30	38.55

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

658932

Station No.

5176

RAINFALL at Glasgow (Botanic Gdns.)

41

County of... Lancast.

Observer

W. Beasant Esq.

River Basin H - Clyde - Right Bank

of H. Garside Esq., (1946)

Type of Gauge

Annual Average³⁴: In. based on 29 years obs., un-weighted. Period of average 1881 - 1915 Ref. 8

File No.

Diameter	5"			658	932		5"				
Height	0' 6"				1		1'				
Altitude	110'				41		131 (n=1048)				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.08	5.38	4.14	3.72	2.59	4.61	2.99	6.30	3.91	2.23	Totals. 35.95
February	3.11	1.83	3.90	1.64	5.35	2.42	1.78	3.82	3.99	3.60	31.44
March	3.52	3.04	1.91	0.84	2.51	2.02	3.19	2.90	1.84	2.37	24.14
April	1.73	2.59	2.95	2.36	2.15	1.30	4.64	2.97	3.75	3.18	27.62
May	3.03	2.67	3.47	2.60	4.10	1.28	4.39	1.20	1.85	1.33	25.92
June	1.02	1.36	3.18	2.57	3.67	3.03	2.53	4.38	1.03	1.99	24.76
July	2.69	2.20	2.56	2.99	3.40	3.56	2.41	2.62	2.23	6.05	30.71
August	4.74	3.80	6.51	3.00	1.68	2.20	0.02	6.42	3.93	4.90	37.20
September	1.57	4.92	2.15	4.44	4.25	5.58	3.70	6.03	1.53	8.32	42.49
October	3.54	4.77	6.85	4.49	5.21	0.51	1.83	4.38	5.72	3.57	40.87
November	2.72	0.72	2.01	6.65	0.40	5.07	5.04	3.29	3.90	2.78	32.58
December	1.81	4.41	1.58	4.15	3.01	3.30	1.95	5.67	7.33	1.70	34.91
TOTALS	30.56	37.69	41.21	39.45	38.32	34.88	34.47	48.98	41.01	42.02	388.59
	D	D	D	D	D	D	D	D	D	D	466

1946 height been taken 300ft.

1950 '48 gauge moved to new position 200yds N.W. Tree 40ft high 72 ft S.E. Tree 35ft high 72 ft E.W.

Tree 40ft " 52 ft N Tree 40ft " 51 ft S.E.

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
1948 (present position)			Glasgow (Gardens)	600yds	N	Kelvinside (Botanic Gardens)	273yds	S.E.

Station No. 5176

RAINFALL at Glasgow (Botanic Garden)

County of Lanark

Observer Mr. H. Garvie Bag.

River Basin, 4-Blyde Right-Bank Tribs

Type of Gauge.

Annual Average 34.7 in. based on 29 years obs. up-weighted. Period of average 1881-1913 Ref. S
 " 40.09 " " 11 " 1949-59. " = 1916-50 " S.
 File No.

Diameter ...	5"				658	932					
Height ...	1'0"						1				
Altitude ...	131'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.62	5.15	1.32	5.52	2.50	2.83	5.66	3.60	1.47	3.22	
February	2.81	1.63	1.50	3.76	2.41	1.37	3.12	2.69	1.51	3.13	
March	2.78	2.42	0.88	2.42	1.88	2.41	4.12	1.03	1.77	2.23	
April	2.21	2.02	1.89	1.68	1.71	1.16	2.08	1.19	3.10	3.00	
May	1.89	1.93	2.35	3.31	3.17	1.91	2.95	3.21	1.15	2.86	
June	2.63	2.65	2.35	3.21	2.03	2.91	2.11	3.03	2.86	2.77	
July	3.73	3.02	4.50	3.08	1.20	5.21	3.02	4.55	4.33	3.61	
August	4.43	3.67	3.45	5.52	0.99	5.43	3.84	5.31	0.53	3.72	
September	3.21	2.90	3.44	5.22	3.47	5.09	2.71	3.56	1.41	2.37	
October	1.04	3.99	2.23	9.38	2.98	2.87	4.00	3.15	4.47	3.04	
November	6.16	2.18	6.15	6.23	2.01	1.57	1.61	1.85	5.00	4.81	
December	5.53	4.02	4.72	5.11	6.34	4.31	4.30	4.64	6.24	4.46	
TOTALS ...	42.04	35.58	34.78	54.44	30.69	37.07	39.52	37.81	33.84	39.22	
	n.p.	n.p.	n.p.	n.p.	D	D	D	D	D	D	

1951. n.p. big Ins 22.10.58 No details

1952. n.p. big

1953. n.p. big

Brig supply. Purchased 1955

1958 Inspection 22/10/58. Gauge now back in its original position (note mag. not known). Apparently it was moved 15/10/48 from original position to a new position 400-300 yds NW & they changed lock cause of nearby trees. Aim of gauge at 6 but authority will not raise it because of possibility of interference. (Note may have been raised in August 1966 after gauge was stolen.)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference No. (26) 568675

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

Summary of Earlier Records from 10-year Sheets :

1916-1950 (42) P-Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ - R 1916	✓	✓	✓	✓