

## RAINFALL AT

Glasgow Botanic Gardens

Lat. ....

Lon. ....

County of

Lanark

Rain Gauge, by

Observer

J. Whittier Esq.

Clyde, Rebekah - 14.

Diameter ..				56							
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	3.69	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 GardensCounty of Lanark Observer J. Whilton Esq.River Basin Clyde - Right bank trib. 4.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	0 6											
Altitude ...	110											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.76	2.14	3.54	2.82	2.54	2.47	5.03	2.08	4.39	3.35		16.85
February ...	3.37	5.86	2.88	2.71	2.31	4.31	3.98	1.09	4.24	.89		10.18
March .....	2.16	1.35	4.08	3.03	4.18	1.68	2.26	2.23	1.18	3.22		8.99
April .....	4.23	2.60	1.66	2.83	2.32	2.31	3.49	1.67	.23	1.35		6.74
May .....	1.68	1.86	1.20	2.86	1.74	1.65	3.54	3.54	2.03	.65		9.76
June .....	1.87	1.86	4.53	2.41	.45	1.92	2.76	2.62	.94	4.31		10.63
July .....	4.00	2.15	2.03	1.18	2.38	3.59	3.10	2.98	3.08	.92		10.08
August .....	6.62	1.38	2.95	.92	4.16	1.79	2.38	3.37	4.14	2.19		12.08
September ..	1.43	2.33	2.45	2.01	2.46	1.49	.56	1.77	2.87	2.08		7.28
October ...	1.10	2.88	3.58	1.59	1.23	2.60	6.48	5.09	5.10	.92		17.60
November ..	3.65	5.00	3.96	4.72	3.85	1.89	3.28	5.71	3.96	3.72		16.67
December ...	3.37	5.27	5.61	3.42	6.22	4.85	5.28	2.81	4.18	5.13		17.40
TOTALS ...	37.24	34.68	38.47	30.50	33.84	30.55	42.14	34.96	36.34	28.82		142.26

1953. 1916 values copied from S.M.S. Journal XVII received from M. Olden.

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

RAINFALL at *Glasgow (Balmain Gardens)*County of *Lenark*Observer *J. Whitten, Esq.*River Basin *4 Clyde, R. bank.**E. Matthews.*

Rain Gauge, by

*(1926) W. Besant Esq.*

Diameter ...	<i>5</i>											
Height .....	<i>0.6</i>											
Altitude ...	<i>110</i>											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN	
January ...	<i>4.68</i>	<i>6.74</i>	<i>4.15</i>	<i>3.50</i>	<i>4.04</i>	<i>4.21</i>	<i>4.81</i>	<i>4.58</i>	<i>8.45</i>	<i>1.51</i>	<i>4.80</i>	<i>Total 51.17</i>
February ...	<i>5.17</i>	<i>9.99</i>	<i>3.29</i>	<i>3.95</i>	<i>.73</i>	<i>2.85</i>	<i>4.30</i>	<i>2.56</i>	<i>4.08</i>	<i>1.79</i>	<i>.21</i>	<i>29.92</i>
March .....	<i>3.31</i>	<i>5.39</i>	<i>1.30</i>	<i>1.38</i>	<i>.85</i>	<i>2.27</i>	<i>2.69</i>	<i>2.94</i>	<i>3.94</i>	<i>.84</i>	<i>8.47</i>	<i>27.38</i>
April .....	<i>1.58</i>	<i>.53</i>	<i>2.18</i>	<i>3.54</i>	<i>2.25</i>	<i>4.02</i>	<i>2.43</i>	<i>2.31</i>	<i>1.13</i>	<i>.95</i>	<i>1.16</i>	<i>22.07</i>
May .....	<i>4.01</i>	<i>1.85</i>	<i>3.37</i>	<i>2.14</i>	<i>4.34</i>	<i>5.70</i>	<i>3.34</i>	<i>2.49</i>	<i>2.21</i>	<i>2.50</i>	<i>1.40</i>	<i>33.35</i>
June .....	<i>1.97</i>	<i>.46</i>	<i>1.67</i>	<i>1.02</i>	<i>1.80</i>	<i>.32</i>	<i>2.06</i>	<i>4.09</i>	<i>5.43</i>	<i>2.86</i>	<i>2.80</i>	<i>24.48</i>
July .....	<i>2.78</i>	<i>3.67</i>	<i>2.42</i>	<i>3.98</i>	<i>3.31</i>	<i>1.94</i>	<i>3.00</i>	<i>4.03</i>	<i>2.10</i>	<i>2.65</i>	<i>2.33</i>	<i>33.21</i>
August .....	<i>4.25</i>	<i>5.55</i>	<i>3.65</i>	<i>5.17</i>	<i>4.27</i>	<i>3.10</i>	<i>3.12</i>	<i>6.27</i>	<i>3.07</i>	<i>5.89</i>	<i>5.66</i>	<i>50.00</i>
September...	<i>2.30</i>	<i>1.90</i>	<i>1.96</i>	<i>5.36</i>	<i>3.49</i>	<i>2.90</i>	<i>2.85</i>	<i>5.75</i>	<i>2.87</i>	<i>1.22</i>	<i>4.90</i>	<i>35.50</i>
October .....	<i>1.68</i>	<i>4.40</i>	<i>1.77</i>	<i>4.54</i>	<i>2.42</i>	<i>3.05</i>	<i>5.43</i>	<i>5.08</i>	<i>5.85</i>	<i>4.77</i>	<i>5.40</i>	<i>44.39</i>
November...	<i>4.08</i>	<i>2.18</i>	<i>2.05</i>	<i>3.13</i>	<i>2.66</i>	<i>.69</i>	<i>5.93</i>	<i>3.73</i>	<i>4.52</i>	<i>6.31</i>	<i>4.65</i>	<i>39.93</i>
December...	<i>3.26</i>	<i>5.08</i>	<i>3.32</i>	<i>(3.23)</i>	<i>5.29</i>	<i>3.07</i>	<i>1.55</i>	<i>.80</i>	<i>4.02</i>	<i>7.79</i>	<i>3.86</i>	<i>41.27</i>
TOTALS...	<i>39.07</i>	<i>38.74</i>	<i>31.13</i>	<i>40.94</i>	<i>35.45</i>	<i>34.12</i>	<i>41.51</i>	<i>44.63</i>	<i>47.67</i>	<i>39.08</i>	<i>40.33</i>	<i>432.67</i>

*1923 Corrected for snow L. Dec. 15.**98th*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	Parish Church.	Distance from gauge	Direction from gauge



RAINFALL at Glasgow (Botanic Gardens)County of LanarkObserver W. BecontRiver Basin 4- Clyde - Right Bank

Type of Gauge .....

Annual Average 34.7 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. Scomputed x 107

Diameter	5"											
Height	0' 6"											
Altitude	110'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.11	5.23	3.76	4.33	1.52	4.56	3.64	5.06	4.04	2.63		Total 37.88
February	3.10	.04	3.11	.48	3.89	1.84	5.00	1.76	4.60	1.52		25.34
March	.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	3.45	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		34.6
August	2.15	1.58	2.58	4.34	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		363.55

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 Direction from gauge	Parish Church.	Distance Direction from gauge

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

RAINFALL at Glasgow (Botanic Gds.)Station No. 5176

41

County of LeamarkObserver W. Besant Esq.River Basin K. Clyde - Right BankG. H. Lonsdale Esq., (1946)

Type of Gauge.....

Annual Average 34.4 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. ....

Diameter	5"				658	932		5"				
Height	0' 6"					1		1'				
Altitude	110'					41		131 (11-10-96)				
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 35.93
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	3.44	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 3	37.69 2	41.81 0	39.45 2	38.32 2	34.88 2	34.47 2	48.98 2	44.01 2	42.02 2		388.59 466

1948 &amp; 1949 below rather low.

1570' 48 gauge moved to new position 200 yds WNW. Tree 40 ft. N 72 ft. S. Tree 35 ft. W 72 ft. N  
Tree 40 ft. N 52 ft. N Tree 40 ft. N 51 ft. SEPosition 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.
1948 (new position)			Kirkcaldy (Gordon)	670 yds	N	Kirkcaldy (Botanic Garden)	273 yds	SE.

BRITISH RAINFALL ORGANIZATION

Station No. 5176

RAINFALL at Glasgow (Botanic Garden)

51

County of Lanark

Observer S. H. Garside Esq.

River Basin 4-Beds Right-Bank Dries

Type of Gauge

Annual Average 34.7 in. based on 29 years obs. w/weighted.

Period of average 1881-1915

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	3.36	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

1952. n.p. big

1953. n.p. big

Ins 22.10.58 No details

Brng map by Postmill 1958

1958 Inspection: 22/10/58. Gauge now back in its original position (note made not known). Apparently it was moved 12/10/48 from original position to a new position 200-300 yds NW & then changed back because of nearby hills. Kim of gauge at 6 but authority will not raise it because of possibility of interference. *over*  
 may have been under the August 1948 after gauge was stolen.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference NS(26) 568675

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

Summary of Earlier Records from 10-year Sheets:

1916-1950 (48) P-Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ n.p. 1916	✓	✓	✓	
			- but D 35-40	✓	