

RAINFALL AT *Edinburgh Royal Botanic Garden*

Lat. _____

Lon. _____

County of _____

Edinburgh

Rain Gauge, by _____

Observer _____

Mr A. D. Richardson
Humid + C-5.

Diameter					8						
Height					1.0						
Altitude					74 M						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					2.33	1.85	.79	.78	.87	3.60	
February					6.70	.46	.81	1.29	.94	1.43	
March					1.48	2.30	1.55	2.60	1.24	1.92	
April					1.67	1.08	1.06	.80	1.92	2.58	
May					2.80	1.00	.58	1.27	1.98	3.77	
June					2.56	2.56	3.36	3.73	1.37	1.46	
July					2.54	4.90	4.31	1.88	1.35	3.18	
August					3.38	4.64	1.73	3.40	3.54	.70	
September....					.45	.70	3.67	1.54	2.31	3.52	
October					2.79	3.23	3.65	.98	3.49	1.25	
November....					1.20	2.30	.53	1.83	3.58	2.98	
December					1.99	2.71	3.34	2.17	1.83	2.23	
TOTALS					29.89	27.73	25.38	22.27	24.42	28.62	

1894 St Bernards Ch $\frac{1}{2}$ mile S

Long fence 4 ft high 12 ft N + E + 18 ft W

Stone Wall 13" " 60 ft N + 52 ft E

RAINFALL AT *Edinburgh. Royal Botanic Gardens*

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *M. A. Richardson*

Almond & C. 5.

Diameter ..	8										
Height	10										
Altitude ..	74 7										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.98	2.10									
February ..	3.01	1.35									
March	1.39	1.57									
April	1.38	1.32									
May	1.11	1.93									
June	3.26	2.02									
July	3.15	1.49									
August	4.85	3.55									
September ..	1.77	.90									
October	4.22	1.63									
November ..	5.02	2.73									
December ..	4.08	3.04									
TOTALS ..	36.22	23.63									

1901 St. Bernard's Church 1/2 mile S
Fence 4 ft high 15 ft all around.

Edinburgh
RAINFALL at *(Royal Botanic Gardens)*

County of *Midlothian*Observer *Prof. H. Wright-Smith**Mr. W. J. P. Campbell jun*River Basin *Almond & C. 5*

M.O. Rain Gauge, by

Diameter ...							8					5"
Height							0.10					7"
Altitude ...							74					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...							2.80	2.04	3.90	.60	2.71	
February ...							2.88	1.07	2.90	.99	.45	
March							1.54	1.47	1.96	.25	1.80	
April							1.48	1.44	.60	1.47	1.20	
May							3.41	1.87	1.23	1.69	1.01	
June							2.17	3.58	4.07	1.79	1.55	
July							2.58	3.15	1.84	2.07	4.21	
August							1.90	7.36	3.74	4.17	6.12	
September...							4.17	7.14	1.99	.29	3.65	
October							3.44	3.17	3.00	2.51	2.01	
November...							3.41	1.27	2.43	3.36	3.55	
December...							.55	1.37	2.25	3.54	1.59	
TOTALS...							30.33	34.93	29.91	22.73	30.15	
							D	D	D	D	D	

1929 *Stoneyhedge 8' high by main N: Greenhouse 20' high 100 yards S: Wall 12' high 15 yards E:*
- do - 8' high 8 yards W.

30.15

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

Map, 2 miles to 1 inch Series

Reference No.

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

RAINFALL at Edinburgh (Royal Botanic Gardens)

County of Fife Observer Sir Professor W. Wright-Smith

River Basin S. Almond &c.

Type of Gauge Snowdon

Annual Average 26.5 in. based on 15 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Survey
computed to 1936

Diameter	5"	8	5								
Height	7"		1' 0"								
Altitude	74'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.96	2.66	2.13	2.70	1.08	2.70	2.06	3.19	3.21	1.26	
February	1.67	.17	1.42	.56	1.42	2.19	2.98	2.8	1.26	1.02	
March	1.89	2.55	.75	2.69	.97	1.55	1.83	5.02	6.1	2.62	
April	2.10	1.70	1.59	3.98	2.34	1.11	1.04	.06	1.42	1.92	
May	2.86	2.79	1.48	1.12	.70	.69	2.15	4.18	.73	1.15	
June	4.40	1.12	1.57	2.33	2.10	1.01	1.13	2.75	1.15	.61	
July	4.06	1.70	4.47	2.36	.73	3.43	4.91	2.58	2.20	8.11	
August	4.95	.29	.72	3.18	2.05	1.49	4.80	1.24	.95	.67	
September	1.38	2.33	1.79	1.67	2.83	2.98	.99	2.15	2.37	2.22	
October	1.28	5.83	2.33	2.85	5.62	1.23	3.55	4.67	1.88	2.64	
November	4.29	1.56	1.33	.91	3.56	2.03	.30	3.65	3.01	3.62	
December	.76	4.38	.55	2.04	1.04	2.20	2.35	2.18	.82	2.22	
TOTALS	31.31	27.08	20.13	26.39	24.94	23.61	28.09	27.43	21.61	28.06	

1931. Holly hedge 7' high 14 1/2' N. Greenhouse 18' high 75 yds. S.
Wall 12' high 50' E. Hedge 7' high 4' W.
1934 Hedge 7' high 21' W.
1935 Gauge moved 145135 400 yds W.
New hedge 10' high 131' N. Holly hedge 14' high 85' S. Funga hedge 7' high 28' E. Private hedge 8' high 28' W.
1937. Hedge 5' high 26' S.W.
" 7' " 27' NE
" 9' " 12' NW
" 11' " 23' SE

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	Parish Church.	Distance from gauge	Direction
1931.			Granton Rd.	1m.	N.	Ferry Road	3 1/4 m	N.
1938			"	750*	N	"	566*	N

Station No. M.W.R. 5144.RAINFALL at Edinburgh (Royal Botanic Gdns.) 41County of Midlothian Observer Professor Sir W. Wright-SmithRiver Basin 5-Almond & C.Type of Gauge SnowdonAnnual Average 26.5 in. based on 15 years obs. un-weighted. Period of average 1887-1915 Ref. Survey.

File No.

Diameter	5"					899	999				
Height	1'0"						1				
Altitude	74'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.66	3.12	2.14	1.69	3.08	1.45	2.20	4.99	2.12	1.32	
February	2.61	1.18	1.46	.79	2.61	1.86	1.26	2.23	1.24	2.08	
March	3.19	1.10	1.51	.43	.90	1.40	3.69	.84	.92	1.96	
April	1.27	1.42	.97	2.00	1.00	.27	3.29	1.45	.78	2.02	
May	3.09	1.70	3.60	2.04	3.65	2.15	2.96	2.93	1.66	1.68	
June	0.80	.87	2.15	1.76	1.66	1.84	2.90	3.94	.87	1.86	
July	3.36	3.39	1.70	2.59	3.05	3.38	1.58	1.85	2.30	3.88	
August	2.74	2.12	3.68	2.56	2.23	3.02	.02	7.46	2.91	2.59	
September	.94	2.30	1.41	4.49	4.55	3.37	1.69	2.69	1.88	4.91	
October	2.93	1.84	3.13	2.45	3.34	1.00	1.45	1.75	4.31	1.87	
November	1.72	.45	.78	4.95	.30	3.33	2.70	2.38	2.15	3.15	
December	.62	1.21	.95	2.11	2.11	1.90	2.02	2.15	3.92	2.02	
TOTALS	24.93	20.70	83.45	27.86	28.48	24.97	25.76	34.66	25.06	29.34	

Exposure satisfactory site indicated July 1945

1944 Bureau change in obs. Reading suspect

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

Station No. 5144

M.W.R.

RAINFALL at Edinburgh (Royal Botanic Garden)

51

County of MidlothianObserver Professor Sir W. Wright-SmithRiver Basin S - Almond & C

The Curator

Type of Gauge StandardAnnual Average 26.5 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. Survey" " 26.7 " " " 31 " " both 1926-58 " " " 1916-50 " S.

File No.

Diameter ...	5"					899	979				
Height ...	1' 0"						1				
Altitude ...	74'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.92	2.07	0.30	2.36	1.57	1.43	3.16	0.91	0.47	2.85	
February ...	1.98	.49	.53	1.38	1.33	1.70	2.85	1.83	.33	2.17	
March ...	2.59	.99	.45	1.35	1.44	1.19	1.83	2.29	.38	1.39	
April ...	2.40	1.27	1.99	1.97	.43	.67	.62	1.51	1.81	.72	
May ...	3.21	1.59	1.69	4.36	1.72	.47	1.65	2.12	.43	1.65	
June ...	2.20	1.97	1.35	2.56	.77	2.19	1.30	3.05	1.93	1.25	
July ...	4.19	2.37	4.85	2.30	1.29	4.89	4.06	7.15	2.32	2.76	
August ...	5.07	3.83	1.85	3.98	.95	5.76	2.69	3.30	.34	4.11	
September ...	0.89	1.82	2.18	2.65	1.31	3.69	1.45	2.43	.57	1.05	
October43	1.41	1.08	6.97	1.39	1.79	1.76	1.06	1.57	2.99	
November ...	3.87	2.24	3.18	2.43	.76	.62	1.88	1.12	4.49	2.31	
December ...	1.94	2.18	2.98	3.06	3.57	2.42	2.08	3.93	2.50	2.54	
TOTALS ...	31.69	22.23	22.43	35.37	16.63	26.82	25.33	30.70	17.14	25.79	
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT (26) 247174

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
<u>C1894-1901</u>		<u>c 1926</u>	✓	✓	
		✓	✓ <u>but D 34-40</u>	✓	