

RAINFALL AT Edinburgh Royal Botanic Garden

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

Mr A. D. Richardson

Almond &c - 5.

Diameter							8				
Height							1.0				
Altitude							74 ft				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					2.38	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	1.87	1.46	
July					2.54	4.90	4.31	1.88	1.85	3.18	
August					3.38	4.64	1.73	3.40	3.54	.70	
September45	.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 S. Bernards Ch 1/2 mile S

Iron fence 4 ft high 12 ft N. 5° 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 Mr A D Richardson

Almond Tree - 5.

Diameter ..	8										
Height	10										
Altitude ..	747										
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 Bernards Larch 1/2 Mile S
Fence 4 ft high 15 ft all round.

Edinburgh

RAINFALL at (Royal Botanic Gardens)

County of Midlothian

Observer Prog. W. Wright-Smith

Mr. W. G. Campbell for

River Basin Almond &c c.s.

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 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 3.85
December...							.55	1.37	2.25	3.54 1.59
TOTALS...							30.33	34.93	29.91	22.73 30.15 31.00

1929 Sloping 8' high by 6' 11: Greenhouse 20' high 100 yards S. Wall 12' high 15 yards E:
 - 20 - 8' high 2 yards W. 30.16

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

RAINFALL at

Edinburgh (Royal Botanic Gardens)

Sir

County of Midlothian

Observer Professor J. W. Wright-Smith

River Basin. 5-Almond &c.



Type of Gauge Snowdon

Annual Average 26.5 in. based on 15 years obs. unweighted. Period of average 1881-1915 Ref. Survey
Completed 24/36

Diameter	5"	8	5"									
Height	0' 7"		1' 0"									
Altitude	746'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.96	2.66	2.13	2.70	1.08	3.70	2.06	3.19	3.21	1.26		
February	1.67	.17	1.42	.56	1.42	2.19	2.98	2.81	2.26	1.02		
March	1.89	2.55	.75	2.69	.97	1.55	1.83	5.02	2.61	2.62		
April	2.10	1.70	1.59	3.98	2.84	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	4.08	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	2.87	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		
	sd	sd	a	d	d	d	d	d	d	d		

1931. Holly hedge 7' high 14° 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 14° S/35° 400yds W.

New hedge 10' high 13° N; Holly hedge 14' high 85° S; Thuya hedge 7' high 28° E; Privet hedge 8' high 28° W.

1937. Hedge 5' high 26° SW

" 7' " 27° NE

" 9' " 12° NW

" 11' " 23° SE

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
1931.			Granton Rd.	1m.	N.	Ferry Road	3/4 m.	N.
1938			"	750x	N	"	566x	N

Station No. M.W.R. 5144

RAINFALL at Edinburgh (Royal Botanic Gdns.) 41

County of Midlothian

Observer Professor Sir W. Wright-Smith

River Basin 5-Almond & C.

Type of Gauge Snowdon

Annual Average 26.2 in. based on 15 years obs. unweighted. Period of average 1881-1915 Ref. Survey.

File No.

Diameter	5"					899	979				
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	1.33	
February	2.61	1.18	1.46	7.9	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	1.84	
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 D	23.48 D	27.86 D	28.48 D	24.97 D	25.76 D	34.66 D	25.06 D	29.34 D	

Exposure satisfactory site inspected July 1945

1944 Bureau change in obs. Readings 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	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION

Station No. 5144

RAINFALL at Edinburgh (Royal Botanic Garden)

51

County of Midlothian

Observer Professor Sir W. Bright-Smithe

River Basin S- Almond & C.

The Curator

Type of Gauge Standard

Annual Average 26.5 in. based on 15 years obs. unweighted. Period of average 1581-1915 Ref. Summary
 " 26.71 " " 31 " " 1916-50 " " File No. S.

Diameter ...	5"					899	919				
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	0.49	0.53	1.38	1.33	1.10	2.85	1.83	0.33	2.17	
March	2.59	0.99	0.45	1.35	1.44	1.19	1.83	2.29	0.38	1.39	
April	2.40	1.27	1.99	1.97	1.43	0.67	0.62	1.51	1.81	0.72	
May	3.21	1.59	1.69	4.36	1.72	0.47	1.65	2.12	0.43	1.65	
June	2.20	1.97	1.35	2.56	0.77	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	0.95	5.76	2.69	3.30	3.4	4.11	
September	0.89	1.82	2.18	2.65	1.31	3.69	1.45	2.43	0.57	1.05	
October	1.43	1.41	1.08	6.97	1.39	0.79	1.76	1.06	1.57	2.99	
November	3.87	2.24	3.18	2.43	0.76	0.62	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	16.53	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 N.T.(36) 247747

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
	C1891-1901		c 1926	✓	✓ (Lat D 34-40)	✓