

RAINFALL AT Cambridge Botanic Gardens

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Cambridge

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

Observer

R. Linné Lynchone - 2.H. S. Fordham Esq

Diameter ....										8		
Height .....										9		
Altitude ....										40		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....									.96	2.06		
February ....									.82	1.04		
March .....									1.73	.90		
April .....									1.45	2.34		
May .....									2.65	1.56		
June .....									2.56	1.13		
July .....									1.42	1.65		
August .....									1.89	.65		
September....									.17	2.28		
October .....									2.46	1.69		
November ....									1.78	2.84		
December ....									2.20	1.45		
TOTALS ....									20.09	19.59		

RAINFALL AT Cambridge Botanic Gardens

Lat. ....

Lon. ....

County of Cambridge

Rain Gauge, by .....

Observer H. G. Fordham Esq. & H. G. L. R. J. W. Lynch Esq.

one - 2.

Diameter ..	8					8					
Height ....	0 9					10			1 1		
Altitude ..	40					83	40		43		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.42	.44	.67			1.09	3.01	1.16	.79	.75	
February ..	2.90	.57	1.53			1.09	1.71	1.15	1.06	.24	
March ....	.56	2.18	1.59			1.83	1.62	.86	1.70	2.81	
April .....	.72	2.70	.96			1.51	.85	2.38	2.28	1.69	
May .....	1.33	.92	3.90			1.03	1.28	2.74	1.16	1.38	
June .....	2.25	2.09	2.65			3.14	3.56	2.16	1.25	3.13	
July .....	1.04	2.31	.77			1.40	.69	1.54	2.65	2.60	
August ....	2.48	2.05	3.65			2.29	.70	1.71	2.04	1.90	
September..	.67	2.16	.04?			1.92	.72	.52	1.35	1.70	
October....	2.04	3.57	1.25			1.81	2.98	1.95	1.07	3.65	
November ..	2.15	1.18	1.14			1.72	3.33	2.30	.77	.51	
December ..	2.38	2.69	1.33			.66	1.87	2.74	1.47	2.70	
TOTALS ..	20.94	22.86	19.48?			18.99	22.32	21.21	17.59	23.06	

1902 Observations bad

1907 St Pauls Church 1/4 mile

NNE

G. E. R. B. N. R. 1/4 mile

E

Palm House

N

10<sup>1203</sup>RAINFALL at Cambridge Botanic gardensCounty of CambridgeshireObserver R. Hurwyllych Esq

7.9. Dec 1903 Esq 1919

River Basin One 2No. 0  
159

Rain Gauge, by

Diameter ...	8								5				
Height .....	1	1											
Altitude ...	43												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS	
January ...	1.35	1.46	3.24	2.22	1.40	2.73	1.23	1.33	2.03	3.35	2.034	7.94	1916
February ...	2.02	.79	1.04	.76	1.12	1.86	3.54	.62	.81	3.13	1.569	8.10	1919
March .....	.62	1.43	2.24	1.63	3.14	1.13	3.25	1.78	.75	2.04	1.801	7.82	
April .....	2.13	.80	.14	1.51	.74	.75	1.46	1.50	3.20	2.53	1.476	8.69	
May .....	2.16	.85	1.22	1.73	.98	1.67	1.65	1.34	2.14	.23	1.397	5.36	
June .....	1.52	2.81	2.65	1.78	2.00	1.75	1.59	1.92	1.22	1.38	1.862	6.11	
July .....	1.72	.52	1.92	1.07	1.43	3.22	1.78	4.40	2.48	3.03	2.157	11.69	
August .....	1.54	.61	7.22	1.39	1.65	3.84	2.43	3.28	.85	2.16	2.497	8.72	
September ..	1.16	1.25	1.78	1.50	.76	1.14	.94	1.58	6.63	.69	1.743	9.84	
October ...	2.75	2.33	1.97	2.68	2.36	.71	1.68	3.20	1.32	.43	1.943	6.43	
November ..	2.30	2.64	1.82	1.72	2.20	2.03	2.59	1.08	1.89	1.28	1.955	6.84	
December ...	3.54	3.52	2.05	.68	5.47	3.17	2.08	.66	2.09	3.63	2.689	8.46	
TOTALS ...	22.81	19.01	27.29	18.67	23.25	24.00	24.22	22.69	25.41	23.88	23.123	96.20	
	2	0	2	2	2	2	2	2	2	2			

1910 Palms No

20 yards NE

1919 Shrubs 465ft high 10 ft W.

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52.12	0.8 E	GER MR	1/4 mile	NE	St Pauls	1/4 mile	NE



## 20

M.O. 159 Rain Gauge, by The Curator.

1473

1919. Shrubs. 46.5 ft. high. 10 ft. w.  
1921 Shrubs 3 ft. high 15 ft. w.  
Tree 10 " - 20 " 2 ft.

No. of Map.....

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1912	52° 12'	2° 8'	Embsay C.E.R. & M.R.	4 m.	N. E. (1724)	St. Pauls	4 m.	N. E.

RAINFALL at Cambridge (Botanic Gardens) M.W.R.County of Cambridgeshire Observer The CuratorRiver Basin Ouse - 2

Type of Gauge

Annual Average 21.2 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. 9. N.

Diameter	5.											
Height	1.1.											
Altitude	41.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Months
January	1.51	.79	.98	1.83	2.23	2.72	2.88	2.59	4.11	1.68	2032	
February	2.11	.25	1.31	.29	1.57	1.96	2.60	.44	.42	2.00	1295	
March	.19	1.36	1.74	1.09	.30	.53	3.52	.39	1.70	2.94	1376	
April	3.08	2.24	1.20	1.69	2.85	1.32	2.52	.17	2.81	1.24	1912	
May	2.83	4.05	2.02	.55	.73	1.07	2.51	1.94	.92	1.60	1824	
June	1.60	.55	1.91	.79	2.10	3.53	1.52	.65	1.96	.57	1498	
July	3.30	2.43	.87	1.26	.54	5.04	1.98	1.33	1.38	2.62	2075	
August	2.50	2.35	1.10	1.92	1.56	.46	.88	1.61	2.89	.17	1544	
September	2.87	1.69	1.74	1.84	4.80	2.61	2.37	3.34	1.74	.82	2382	
October	.49	3.41	1.52	1.78	1.95	1.91	2.24	2.47	3.83	1.39	2099	
November	1.90	1.52	1.25	1.63	2.05	2.13	1.79	1.90	2.87	5.65	2369	
December	.82	.28	0.28	3.31	1.73	1.53	2.20	2.68	1.09	1.28	1520	
TOTALS	23.22	20.92	15.92	16.98	23.41	24.81	27.01	19.51	25.72	21.76	21926	

Inspected 17/1/35. Recommended that a bottle should be used as a receptacle to collect water in gauge. This has now been done 2/11/35

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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No.

1203

102

M.W.R.

41

RAINFALL at Cambridge (Botanic Gardens)County of Cambridgeshire

Observer

The CuratorRiver Basin Great OuseDirector (1850)

Type of Gauge

Annual Average 21.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.A.N.

21.72

35

1916-1950

File No.

Diameter	5"			183	630							
Height	1' 1"				3						1' 0"	
Altitude	41'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.22	2.01	4.02	1.09	1.63	1.18	1.55	3.53	1.06	.86	1.95	
February	1.71	1.12	.66	.72	1.25	1.63	1.52	.71	.81	3.08	1.38	
March	2.98	1.08	.57	.20	.74	1.24	4.13	.61	.56	.50	12.61	
April	.83	.92	.84	1.48	.76	1.15	1.58	1.81	1.55	1.86	1.27	
May	1.60	1.76	1.51	.91	1.86	1.91	.58	2.95	2.41	2.51	1.800	
June	.97	.56	1.79	.91	1.43	2.10	3.22	2.44	.90	1.48	1.580	
July	1.96	2.81	.63	1.52	1.69	2.31	1.45	1.49	3.28	7.58	24.72	
August	3.65	1.33	1.26	2.59	1.65	3.05	.17	5.50	1.07	2.67	2.294	
September	.41	.98	1.33	2.70	2.47	2.25	.97	1.59	.21	2.48	1.939	
October	1.70	3.15	1.63	3.04	2.32	1.09	.21	2.23	3.22	.39	1.898	
November	2.08	2.19	1.33	2.69	.20	3.76	1.24	1.10	1.77	3.73	20.09	
December	.97	1.91	1.00	.66	2.23	1.66	2.69	1.61	1.00	1.20	1.493	
TOTALS	21.08	19.82	16.54	18.51	18.23	23.33	19.31	25.57	17.84	28.34	208.60	41

Gauge on loan. 9.2.49. Worn out. Delivery tube broken off. New gauge issued and installed 12.6.49.  
 Inspected Mr. Dewar 12.10.49. Gauge sound. Station in deplorable. Record can only be resumed if instruments are  
 moved to six new bailiff's house. New experiments needed to replace one broken at 30 ins.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION



Station No. 1203 (M.R.)

RAINFALL at Cambridge (Botanic Garden)

51

County of Cambridgeshire

Observer

The Curator

River Basin Ouse - 2

Director

Type of Gauge

Annual Average 21.8 in. based on 35 years obs. un-weighted.

Period of average 1881-1915 Ref. B.H.N.

21.72 " " " " " 1916-1950

File No. 14446/52

Diameter in.	5			183	630						
Height ft. in.	10				3						
Altitude ft.	41										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.33	1.44	.90	.93	1.91	2.91	1.16	2.28	2.77	1.99	
February ...	2.62	.66	1.45	1.76	1.58	.73	2.13	2.74	.11	1.09	
March ...	2.97	2.80	.48	1.97	1.29	.50	1.52	.78	2.46	1.60	
April ...	3.16	1.50	2.13	.28	.50	1.19	.10	1.14	1.66	.28	
May ...	2.46	1.62	1.70	3.49	2.57	.69	.70	2.58	.44	.82	
June ...	1.23	1.73	1.94	1.74	2.11	1.89	1.81	5.27	1.91	2.01	
July ...	.83	.51	1.98	2.71	.47	3.65	2.42	3.24	3.67	3.33	
August ...	3.31	2.62	2.54	3.64	1.45	4.91	1.93	2.36	.80	2.97	
September ...	2.18	2.26	1.25	1.74	2.11	1.37	3.23	2.66	.05	3.86	
October ...	1.07	2.09	2.62	1.71	2.33	1.13	1.53	1.82	1.37	4.22	
November ...	2.90	2.89	1.19	3.15	1.26	.87	1.33	1.59	1.48	3.35	
December ...	1.33	1.97	.58	1.81	1.58	2.30	1.77	2.55	3.01	3.00	
TOTALS ...	26.39	22.09	18.76	24.93	19.66	22.04	19.67	29.01	19.73	28.52	
	2	2	2	2	2	2	2	2	2	2	

1957-12-8 Inspected P.W. Johnson - Site &amp; Equipment good

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference TL52 453.572

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, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓ but 2/8	✓	✓ but d.m.w.	✓	

RAINFALL 1961-1970

3253

(MWR)

Station Cambridge (Botanical Gardens)  
 County Cambridgeshire  
 Authority Director

No. \_\_\_\_\_  
 (Old No. 1203)  
 Grid Ref. TL(52) 453572  
 Altitude 41 ft.  
 River Basin Ruse - 2

File \_\_\_\_\_ TF \_\_\_\_\_ / MWR / m / a Tributary \_\_\_\_\_

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	Mean Total
January ...	2.33	1.44	.90	.93	1.91	2.91	1.16	2.28	2.77	1.99	18.62
February ...	2.61	.66	1.45	1.76	1.58	.73	2.13	2.74	.11	1.09	14.86
March ...	2.97	2.80	.48	1.97	1.29	.50	1.52	.78	2.46	1.60	16.37
April ...	3.16	1.50	2.13	.28	.50	1.19	.10	1.14	1.66	.28	11.94
May ...	2.46	1.62	1.70	3.49	2.57	.69	.70	2.58	.44	.82	17.07
June ...	1.23	1.73	1.94	1.74	2.11	1.89	1.81	5.27	1.91	2.01	21.64
July ...	.83	.51	1.98	2.71	.47	3.55	2.42	3.24	3.67	3.33	22.71
August ...	3.31	2.61	2.54	3.64	1.45	4.91	1.93	2.36	.80	2.97	26.52
September ...	2.18	2.26	1.25	1.74	2.11	1.37	3.25	2.66	.05	3.86	20.73
October ...	1.07	2.29	2.62	1.71	2.83	1.13	1.55	1.82	1.37	4.22	20.41
November ...	2.90	2.89	1.19	3.15	1.26	.87	1.33	1.59	1.48	3.35	20.21
December ...	1.33	1.97	.58	1.81	1.58	2.30	1.77	2.55	3.01	3.00	19.90
TOTAL ...	26.38	22.08	18.76	24.93	19.66	22.04	19.67	29.01	19.73	28.52	230.78
Percentage ...											

## AVERAGE ANNUAL RAINFALL

1881-1915 21.80 in.  
 1916-1950 21.72 in.  
 \_\_\_\_\_ in.

Actual

Estimated from data for:-

Type and capacity of gauge \_\_\_\_\_

\*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) \_\_\_\_\_

\*NOTES on years with incomplete or unsatisfactory data:-