

RAINFALL at *Palmer's Green* Southgate, Broomfield Park.

County of *Middlesex* 2Observer *Dr. S. Sutherland, F.R.S.*
*1919 R. Phillips*River Basin *Thames Lea* 2*M.O.*
Sancti Rain Gauge, by *Baselle*
Sancti

Diameter ...								8"				
Height								1-0 1/2				
Altitude ...								137 m				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals. 16-19.
January ...							184	1.34	1.55	3.98		8.71
February ...							368	.85	.60	3.09		8.22
March							457	1.89	.88	3.33		10.65
April							132	2.56	3.41	3.30		10.59
May							214	2.30	1.97	.57		6.78
June							271	1.68	.76	1.31		6.46
July							106	4.55	3.42	1.62		10.65
August							520	4.12	1.06	2.79		13.17
September...							143	1.91	5.03	1.14		9.51
October ...							379	3.68	1.01	.63		9.11
November ..							453	1.90	2.39	1.45		10.27
December...							313	.94	2.14	3.94		10.15
TOTALS ...							3540	27.72	24.20	26.95		114.27

Greenhouse 3' 6. 18 ft. W.
Brickwall 8 ft. 26 ft. E.

↑
observed by W. 1916-30 fm
S. G. R. R. D.

Site selected
+ inspected A.C.

Annual average = 24.7 used in London Survey.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917			Palmer's Green	530 yds	E.N.E.	S. John's, Palmer's Green	1243.	N.E.

RAINFALL at Palmer's Green, Broomfield ParkCounty of MiddlesexObserver R. Phillips Esq. ^{CE} 1922 A. MooreRiver Basin Thames - Lea 2Surveyor (Southgate U.D.C.)Snaresden Rain Gauge, by
(+A)

Diameter ...	6	8										
Height	1 0	1 0		1 3								
Altitude ...	138	135										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>Means.</u> 1930	<u>Totals.</u>
January ...	2.86	2.23	3.05	1.21	2.73	1.63	3.14	1.72	3.99	1.25	2.45	26.26
February ...	.44	.13	2.16	3.16	.62	3.15	2.92	3.50	1.78	.73	1.06	19.65
March	1.40	1.19	1.41	2.19	.88	.66	.28	2.35	1.64	.00	1.53	13.53
April	3.48	1.31	2.92	1.64	3.34	1.47	3.33	1.92	1.07	1.33	1.86	23.67
May	1.36	.78	.60	1.71	3.05	1.61	1.67	1.29	2.24	1.61	2.88	18.80
June	1.57	.34	1.53	.43	2.30	.12	3.13	3.01	2.79	1.02	1.20	17.44
July	3.90	.70	2.81	2.36	4.52	4.03	2.02	2.29	1.99	3.02	2.11	29.15
August	1.47	.99	1.74	1.91	2.13	2.18	1.22	3.84	2.23	1.22	2.73	21.66
September...	3.11	2.75	2.17	1.25	3.18	2.59	1.06	4.76	.70	.33	3.35	25.25
October	1.32	.69	.90	5.04	3.72	2.91	2.32	1.94	4.30	3.07	1.32	27.53
November...	1.10	1.81	1.05	1.74	2.38	1.68	4.84	2.12	2.45	5.22	4.30	29.19
December...	2.44	.97	2.63	2.24	2.94	2.18	.30	3.94	2.33	4.66	2.37	27.00
TOTALS...	24.45	13.29	23.47	24.88	31.79	24.21	26.23	32.68	27.51	23.46	27.16	279.13
	D	D	D	D	D	D	D	D	D	D	D	

1923. Greenhouse 7 ft high 25 ft W.
Wall 8 " 24 " S.E.1929. Greenhouse 6' high 12' SE.
Dressing rooms 15' " 50' NE.

1930. Sheds 8' high 30' W.

G. read 9 am winter & summer.

Annual Average = 2.47 *used in London Survey.*
*repeating survey*Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N. (1925)	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1917	51° 37'	0° 7'	Palmer's Green	5307ds	E N E (1925)	St. John's Southgate	1248	N E. W.

RAINFALL at Palmer's Gr. (Broomfield Park) (T.A)County of MiddlesexObserver R. Phillips, Esq., C.E.River Basin Thames - Lea - 2D.M. Macdonald, Esq., B.Sc., C.E. (1937)J.T.W. Peat, Esq.

Type of Gauge.....

Annual Average 27.7 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S.256.568 128.

Diameter	8.											
Height	1.6.		2.0			1.0		0.7	1.6			
Altitude	136.					100.	110.		136			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total 5. Means	
January	1.44	1.83	1.75	1.57	1.29	4.47	3.82	3.25	5.52	2.34	272.8	
February	1.88	1.8	1.39	.14	2.57	1.67	4.35	.54	.97	1.61	153.0	
March .....	.06	1.36	2.41	2.21	.50	1.24	2.49	.38	1.56	3.09	153.0	
April	4.00	2.43	.98	2.20	3.19	1.45	3.04	.20	3.37	1.54	224.0	
May	2.71	3.38	1.62	.80	1.16	.81	2.72	2.11	1.55	1.08	174.4	
June	1.61	.72	1.74	.91	3.82	3.63	1.89	.63	1.38	.55	168.8	
July	2.84	1.88	1.40	.64	.97	3.09	.58	1.43	2.21	2.88	179.2	
August	4.68	1.45	.57	2.27	2.13	.54	1.15	2.29	3.83	.11	185.2	
September	2.50	1.88	2.06	2.82	3.79	2.79	1.59	2.47	1.98	.94	223.2	
October .....	.62	5.22	1.43	1.26	3.17	1.72	2.26	3.11	5.44	3.04	271.2	
November	2.33	1.45	.93	1.87	4.24	3.16	1.43	3.64	4.82	6.84	307.1	
December .....	.95	.52	.46	5.43	2.85	1.79	3.52	3.68	1.09	1.39	216.8	
TOTALS	25.62	22.30	16.74	21.62	29.68	25.86	28.34	23.73	33.77	25.41	2535.7	17.14

1931. Greenhouse 8 ft. high 20 ft. N.

Wall. 10 " " 30 " W.

1936. Greenhouse roof 12' high to ridge 25' E.

1938. Stables 25' high 50' S.E. Greenhouse 12' high 20' N.

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
1931			Palmer's Green	1/4 mi	N.E.	Christ Church	1 mi.	W.
1936			" "	1/2 m.	E	Southgate	1 1/4 m	N.W.

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

Station No. 226.m

RAINFALL at Palmers Green (Barnfield Park) + A

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County of MiddlesexObserver J. J. W. Peat, Esq. & ERiver Basin Thames & Lea

Type of Gauge

Annual Average 24.7 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 856368/28

Diameter	8"				245	011						
Height	1' 6"					1						
Altitude	136'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.86	2.32	4.72	1.57	2.14	1.75	1.78	4.58	1.05	1.03	23.80	
February	2.47	1.20	1.45	1.04	1.72	2.94	1.59	1.62	1.21	3.63	1887	
March	3.02	2.38	.52	.22	.71	1.45	6.04	.54	.99	.67	1654	
April	1.52	1.34	1.42	1.55	1.15	1.46	1.91	2.02	1.42	2.18	1597	
May	1.71	2.80	2.15	.77	3.82	2.94	.79	2.17	2.10	1.71	2096	
June	1.89	.57	1.36	1.77	1.92	2.95	2.60	2.44	.63	1.34	1747	
July	3.96	2.04	1.58	2.17	3.08	3.23	1.62	.91	2.25	4.50	2534	
August	5.27	2.07	1.67	2.54	1.52	4.49	.10	2.83	2.02	(2.50)	2501	
September	.62	1.37	2.32	2.79	1.87	3.78	1.27	1.95	.27	2.56	1880	
October	.84	4.08	2.61	3.61	2.69	1.61	.12	1.93	5.25	.34	2308	
November	2.29	2.30	1.44	4.17	.19	4.18	1.01	1.86	2.19	(5.00)	2463	
December	1.85	2.82	1.43	1.36	3.36	2.17	2.44	2.63	1.47	1.69	2122	
TOTALS	28.30	25.29	22.67	23.56	24.17	32.95	21.27	25.48	20.85	(27.15)	251.69	

00204

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. 886 m.

RAINFALL at Palmer's Gr. (Broomfield Park) & P.

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County of Middlesex Observer J. H. Platt, Esq. F.R.S.River Basin Thames Lea 2 Borough EngineerType of Gauge Carella No. 10879 SNOWDONAnnual Average 24.7 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S
25.68 " " 5 " " 1916-1950 " " " 1916-1950 File No. 886 36825

Diameter ...	8"			245	0 11						
Height ...	1'6"				1		11" on injection				
Altitude ...	136'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total
January ...	2.73	1.92	.84	.99	2.65	3.63	1.37	2.69	2.23	1.98	21.03
February ...	5.34	.77	1.77	2.50	1.85	.18	3.12	3.16	.06	2.44	21.19
March ...	3.52	2.69	.42	2.60	1.17	.96	1.27	1.19	1.77	1.59	17.18
April ...	2.96	1.06	2.67	22	37	1.29	.25	1.57	2.51	.54	13.44
May ...	2.24	1.11	1.34	2.16	4.98	.55	1.18	2.65	.77	1.97	18.95
June ...	.74	1.74	1.17	3.87	2.08	2.61	.85	5.57	.99	1.19	26.87
July ...	.94	.65	4.23	2.68	.42	5.19	3.81	2.13	1.32	2.93	24.80
August ...	4.48	2.82	1.65	3.41	1.37	5.22	2.32	2.83	1.70	1.94	27.74
September ...	3.46	3.27	1.82	1.84	1.77	2.43	2.68	4.22	.03	4.25	25.77
October ...	.89	2.70	3.14	2.14	3.53	2.33	2.01	2.43	2.14	5.72	27.53
November ...	5.27	3.50	.90	3.97	.85	.46	2.57	2.03	2.40	4.07	26.04
December ...	1.70	2.39	.63	2.03	1.91	3.08	1.94	3.11	3.75	2.86	23.40
TOTALS ...	34.27	24.62	20.58	28.43	22.95	27.93	23.37	34.08	19.67	31.48	267.38
	D	D	D	D	D	D	D	D	D	D	

Inspection Dec. 57. J.B.M. To be revised & to NW. H.O. museum in use from 12/12/57 slight alterations to BSE. Good etc

Position of Station on Ordnance One-Inch map: No. of Map 51 National Grid Reference 204 9285

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			<u>Palmer's Green</u>	<u>SE</u> <u>1/4 mi</u>		

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
	<u>C 1917</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>