

40

RAINFALL AT

Croydon

Observer

Dr Westall

Rain By
 Gauge Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level.....ft.

Surrey & Thames Wandle

YEAR.....								1848	1849	MEANS.
January.....										
February										
March										
April										
May										
June										
July.....										
August.....										
September										
October										
November										
December.....										
TOTALS.....								31.21	22.92	

From Campbell Bayard 19 Feb 1911

RAINFALL AT

Croydon

Observer

Dr Westall

Rain By
 Gauge Diameter.....in. Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

Survey 6/ Shanes. Wanda.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS.....	17.81	21.01	33.92	30.51	16.02	23.26	23.95	24.88	18.09	31.82	

From 7 Campbell Bay and 19 Feb 1911

Croydon

Dr Westall

5 66

16 66

Regatta 8 in

2 ft

+ \$L 152 ft

4/ Shams-Wandee.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --						1.34	3.45	4.57	2.24	4.31	2.91
February -						1.32	1.02	5.31	1.24	1.22	2.46
March -						2.95	1.05	2.08	2.58	1.08	1.52
April -						.64	.27	2.04	1.75	1.92	1.16
May -	9.91	4.10	8.05	5.74	3.57	1.69	3.40	2.17	1.52	.76	3.20
June -						.80	1.99	3.05	1.85	.35	1.34
July -						.99	3.33	1.48	4.21	2.23	.66
August -	9.17	4.91	7.41	8.42	4.37	1.19	3.69	3.16	2.08	2.98	1.24
September -						3.29	.27	4.07	2.57	1.71	3.32
October -						1.26	7.20	1.33	1.89	2.37	1.66
November -						3.46	3.14	1.38	.62	1.15	2.53
December -						.53	1.80	2.00	1.61	4.50	3.04
TOTALS -	33.82					19.46	31.41	32.38	24.16	24.58	25.04

Good for rough

In the Town

From letter of Geo. Corden to Campbell Bayard 27. II. 1911.

"Dr. Westall's gauge was in High Street opposite where Purnell's the printers now is and near the Grand Theatre."

1860. Total from letter from Campbell Bayard. 19. II. 1911.

RAINFALL AT Croydon South Bridge Church Road

Lat..... Lon..... County of..... Surrey.....

..... Rain Gauge, by..... Observer Dr. Westall, L. Corder Obs^r

u/ Thames. Wandle.

Diameter5	.5									
Height	1.	1.6									
Altitude	152.	152									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.43	2.87	5.54	4.08	1.15	3.49	1.04	5.53	1.02	2.60	2.875
February	1.72	1.19	1.07	1.69	1.83	1.04	2.05	1.70	1.35	3.43	1.707
March	1.84	1.50	2.13	1.55	1.55	1.65	2.57	2.15	1.36	1.53	1.483
April	1.42	3.23	1.23	1.63	1.87	1.74	1.67	4.10	3.57	2.63	2.109
May	1.06	1.07	3.05	1.21	1.86	1.95	1.93	2.38	3.44	3.67	1.835
June	- 20	2.68	1.96	3.41	2.54	2.26	1.99	1.87	3.69	3.78	2.238
July	2.34	2.89	3.29	2.27	1.18	4.50	3.42	2.58	1.69	3.76	2.384
August	1.86	.81	2.24	2.53	2.41	1.90	2.75	2.70	5.39	4.37	2.596
September.....	2.44	+ 5.00	1.63	2.30	2.49	2.90	3.07	1.65	1.94	3.26	2.568
October.....	+ 4.24	1.17	5.24	3.14	4.83	4.07	1.31	1.97	2.29	1.67	2.893
November.....	1.89	- 55	3.50	2.54	2.59	3.15	2.67	4.94	3.63	1.36	2.682
December.....	3.03	1.65	4.39	1.36	1.80	1.22	7.43	1.61	1.34	1.89	2.372
TOTALS	22.27	24.54	35.27	25.71	24.10	26.87	26.82	32.18	28.71	30.95	27.742

C C C

1872 & moved to Church Road

RAINFALL AT Wandle Rd. Croydon

Lat.

Lon.

County of Surrey

Rain Gauge, by

Observer G. Gordon, Esq.

w/ Thames-Wandle.

Diameter	5										
Height	1.0										
Altitude	155 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January40	1.61									
February	2.61	2.95									
March55	1.40									
April	1.78	1.42									
May34	.86									
June	3.34	1.67									
July	2.80	1.64									
August43	3.88									
September	4.59	1.88									
October	7.99	2.38	X								
November	2.21	3.47									
December	2.81										
TOTALS	29.63										

Gauge moved to Katharine St

RAINFALL AT Groydon Catharine Street

Lat.....

Lon.....

County of Surrey

Rain Gauge, by.....

Observer P. Corden Gray4/Chambers-Wandell.

Diameter			5									
Height		1	-									
Altitude	195	190						189	195			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.07	1.85	1.84	1.81	3.29	1.66	#	1.66	.88	1.11		
February	1.60	4.13	1.54	2.44	3.38	.44	.44	.92	2.21			
March77	.93	1.60	1.65	.97	1.85	1.85	2.96	2.06			
April	2.83	1.44	1.30	1.88	1.33	1.61	1.61	1.87	2.05			
May83	1.85	.64	3.09	4.15	1.49	1.49	.88	2.90			
June	2.33	.78	1.73	1.59	.81	1.06	1.06	2.52	1.40			
July	2.08	2.27	1.57	.27	2.27	1.32	1.32	7.73	2.94			
August	1.09	.53	1.14	1.21	.77	2.48	2.48	2.16	2.22			
September	2.65	3.43	2.03	4.03	1.72	2.12	2.12	.81	.99			
October	5.62	1.87	1.17	3.36	2.29	1.68	1.68	1.38	4.14			
November	#3.47	2.01	3.37	1.40	2.67	3.00	4.70	3.91	.79			
December	2.65	2.02	.53	1.90	1.07	4.26	1.36	1.37	1.36			
TOTALS	24.90	22.68	17.86	25.07	25.24	21.77	27.39	24.17				

1887 Jan 1st Gauge moved to Dingwall Road 1/2 mile NNE

RAINFALL AT Croydon Limes Road
Waddon New Road

Lat.

Lon.

County of SURREY

Rain Gauge, by

Observer G. Corden Esq

4 - Thames Wandle

Diameter	5										
Height	1.0										
Altitude	195	150	155		146						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.38	# 2.06	.45	1.63	2.55	1.73	.53	1.77	.67	2.74	1.651
February87	.04	1.59	3.06	1.54	.31	.36	2.06	1.19	2.37	1.339
March	2.17	1.93	1.48	.42	.98	1.48	3.09	4.08	1.42	.69	1.774
April	1.92	.61	1.32	.06	1.64	1.55	.72	1.25	1.15	2.40	1.262
May	1.48	2.85	1.19	.63	1.29	.42	.15	1.65	2.87	1.72	1.425
June	2.37	1.47	2.84	.78	2.34	.34	2.24	2.17	1.46	.85	1.686
July	4.02	4.14	2.18	2.30	3.58	3.85	1.87	1.18	.80	.59	2.451
August	2.24	4.28	3.09	.52	2.88	2.57	2.24	2.67	.95	.70	2.214
September....	.54	.64	2.06	1.11	1.79	.55	7.14	2.64	.45	2.30	1.922
October.....	1.11	5.89	3.93	3.24	5.04	2.51	3.41	.59	2.97	2.35	3.104
November....	1.79	2.58	2.32	2.05	4.07	3.86	1.54	1.00	3.15	4.46	2.682
December67	3.51	1.28	2.27	1.57	2.25	3.30	2.87	2.81	1.87	2.240
TOTALS . .	21.56	30.00	23.73	18.07	29.27	21.42	26.59	23.93	19.89	23.04	23.750

1891 St John's Croydon 300 yards. E

Fence 5 ft 6 in high 7 ft S

Bushes 2 ft + 3 ft 4 " N & W

Thermometer Screen 5 ft. 13 " E

Gauge moved Jan 1st 1891 1 mile S + 1/2 mile W
+ 1/2 mile West of Croydon Town Hall

RAINFALL AT Croydon Waddon New Road

Lat.

Lon.

County of

Surrey East

Rain Gauge, by

Observer

G. Corden Esq.

At - Thames Waapple.

Diameter ..	5										
Height ..	10										
Altitude ..	146										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.56	.81	.65	2.28	3.64	1.21	4.43	1.23	1.58	1.20	2.059
February ..	5.33	1.68	.87	1.56	2.94	.96	2.10	1.54	1.12	.71	1.881
March ..	.99	2.76	1.74	2.34	1.61	3.26	1.15	.93	2.97	3.33	2.108
April ..	.89	2.13	.68	1.77	1.29	1.70	.86	3.64	2.57	1.95	1.718
May ..	1.38	1.14	2.55	3.93	2.45	.95	1.37	1.85	2.04	1.07	1.873
June ..	2.71	1.45	4.09	7.76	.80	5.80	2.71	1.81	1.99	2.99	3.211
July ..	1.11	1.41	1.33	4.51	1.26	.71	.71	.76	3.24	2.89	1.793
August ..	3.22	2.00	2.92	3.99	1.68	2.64	1.37	1.97	3.25	1.85	2.489
September ..	.93	1.08	.89	2.15	1.23	2.06	1.66	.84	1.33	2.99	1.516
October ..	2.14	2.84	1.38	5.47	2.06	1.05	3.96	3.51	2.36	4.34	2.911
November ..	2.38	.68	1.96	2.49	1.52	3.96	4.41	2.44	.69	.98	2.151
December ..	2.97	4.28	1.53	2.14	2.52	.55	2.08	3.00	2.40	3.08	2.455
TOTALS ..	27.61	22.26	20.59	40.39	23.00	24.85	26.51	23.52	25.54	27.38	26.165

D D D D D D D D D D D

1904 St John's Church 300 yards E
West Croydon Station

RAINFALL at Croydon Waddon & New Road

County of Surrey

Observer

G. Gordon Esq.

River Basin Thames - Wandle - 4

Rain Gauge, by

Diameter ...	5										
Height	10										
Altitude ...	146										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.38	1.27	3.29	3.59	.61	3.53	.95	1.20	3.18	3.24	2.354
February ...	3.91	1.07	1.74	.84	3.98	4.81	4.68	.79	.98	2.56	2.536
March	1.34	1.88	3.48	2.90	4.34	.62	4.78	1.60	.99	3.61	2.554
April	2.12	2.09	.05	2.81	.92	1.52	1.37	2.22	4.17	2.96	2.023
May	1.81	.90	1.14	1.22	1.22	3.31	2.48	1.86	2.00	.05	1.599
June	1.84	2.15	2.82	.20	.85	.53	2.47	1.95	.83	1.30	1.494
July	1.99	.58	1.62	1.93	1.51	3.34	1.30	5.50	5.87	2.24	2.588
August	3.10	.87	5.52	2.02	1.63	2.60	3.38	5.06	.92	2.91	2.801
September ..	1.06	1.09	3.32	1.91	.60	2.40	1.35	2.33	4.16	1.21	1.943
October ...	2.87	3.23	2.98	4.38	1.41	2.47	3.60	3.36	1.61	.87	2.668
November ..	3.42	3.89	2.18	2.80	3.60	2.64	5.87	1.52	2.49	.99	2.940
December ...	4.20	6.36	3.15	1.14	8.00	5.34	2.96	1.82	2.58	4.22	3.977
TOTALS ...	30.04	25.38	31.19	25.74	28.67	33.41	35.19	29.21	29.78	26.16	294.77

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Waddon	1/2 m	S			

RAINFALL at Croydon, Waddon New Road

County of Surrey

Observer, per Surrey Advertiser 1921

River Basin Thames-Wandle &

(1922) per Dayord
1923-1924 G. T. Carter Eng.

see below Rain Gauge, by

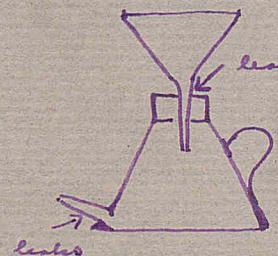
J. Preston 1926

Annual Average 25.3 ins computed by Mr. Cornish (1940)

Ref. A200487/40

Diameter ...			5								
Height			1 0								
Altitude ...			146								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...			2.54	1.35	2.65	1.70	2.96				
February ...	3.00		1.98	3.94	1.55	2.20	2.35				
March			1.56	1.89	.76	.68	.21				
April.....	1.41	2.91	1.54	3.53	2.30	4.36					
May	1.30	.78	2.22	2.66	1.57	1.06					
June14	1.30	.37	2.17	.12	3.30					
July09	3.08	2.34	3.54	3.56	2.05					
August	1.08	2.44	2.46	2.97	2.36	1.52					
September...	1.47	1.94	1.29	2.83	2.45	1.20					
October.....	.57	1.08	5.83	3.17	2.69	2.96					
November...	1.85	1.57	1.76	3.01	2.25	4.96					
December...	1.04	3.75	2.51	3.39	2.21	.34					
TOTALS...	11.95	24.93	27.50	31.23	24.09	27.27	#				

1923 read 1.25 & entered 8.25.



Diam 5.10
was 5.08
now 5.05
measured
16 on measure
corresponded to
.18 in 5 mil
glass.

The gauge was exposed on
the ground in a small
garden & badly sheltered
by branches very nearly
over hanging the gauge.

1925. Not printed. See inspection note.

1926. ... Loss

1927 Observer told return not required

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