

RAINFALL AT Deptford

60

Rain By Wm Jeffery
Gauge {

Diameter.....1.0.....in. Height above Ground, 3... ft. 0... in.

Above Mean Sea Level, 12.6... ft.

LONDON 1 / Thames Right Bank.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January						3.89	3.67	2.55	4.21	2.96	
February						2.59	4.47	1.24	1.22	2.77	
March						1.10	1.89	2.22	.98	1.68	
April .....						.58	2.40	2.48	1.96	1.21	
May						4.48	2.55	2.20	1.67	4.24	
June						1.68	4.06	1.96	.51	1.21	
July						2.74	1.69	6.44	.92	.63	
August						4.63	2.63	2.97	2.53	1.48	
September ...						.19	3.99	2.88	1.50	3.68	
October						6.46	2.30	2.00	2.47	1.87	
November ...						2.66	1.57	.64	.99	2.73	
December						1.17	2.06	1.52	5.07	3.29	
TOTALS.....						32.17	33.28	29.10	24.03	27.75	

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RAINFALL AT *Deptford Pumping Station*

Lat..... Lon..... County of *Kent*
 Rain Gauge, by..... Observer *W. Jeffries Esq.*

LONDON *1/ Chamo Right Bank.*

Diameter	10											
Height	3.7			.6	.4							
Altitude	5	19			5.0							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.41	2.36	4.10	2.78	1.13	3.51	1.40	5.19	1.06	3.01	2.695	
February.....	.46	1.24	.83	2.14	1.16	1.03	2.16	1.94	1.35	4.53	1.684	
March.....	2.26	1.22	2.58	1.61	.58	.63	2.82	2.65	1.12	.66	1.613	
April.....	.35	3.39	1.14	.85	1.77	1.78	1.69	3.78	4.71	2.92	2.238	
May.....	.47	.73	3.78	1.78	1.30	1.49	1.33	1.75	4.20	3.64	2.047	
June.....	.45	2.96	2.18	3.04	3.08	3.20	1.35	.66	4.66	4.58	2.616	
July.....	2.36	3.78	2.86	2.26	2.80	5.55	.72	2.98	.56	3.93	2.780	
August.....	1.80	.99	3.28	3.74	1.86	2.73	2.64	3.49	6.60	5.77	3.290	
September.....	1.95	5.44	1.64	3.09	2.68	2.89	2.71	1.20	.99	3.44	2.603	
October.....	3.65	.94	5.18	3.32	4.08	4.34	1.32	2.06	1.97	.54	2.739	
November.....	1.37	.59	3.41	2.88	2.68	3.43	3.47	4.27	3.94	.94	2.698	
December.....	3.29	1.38	4.76	.42	1.87	1.20	6.67	1.83	1.29	.72	2.343	
TOTALS.....	19.82	25.02	35.74	27.91	24.99	31.78	28.28	31.79	32.45	34.68	29.246	

C C C

80

RAINFALL AT *Pumping Station, Deptford*

Lat. _____ Lon. _____ County of *Kent*
 Rain Gauge, by _____ Observer *M. W. Jeffree*

LONDON / Thames - Right Bank.

Diameter	<i>10</i>											
Height	<i>4</i>			<i>1.3</i>				<i>10</i>		<i>1.6</i>		
Altitude	<i>18 ft</i>									<i>5</i>		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	<i>.29</i>	<i>1.40</i>	<i>1.43</i>	<i>1.87</i>	<i>1.93</i>	<i>1.48</i>	<i>4.32</i>	<i>1.16</i>		<i>.89</i>		
February	<i>2.73</i>	<i>2.81</i>	<i>1.40</i>	<i>3.43</i>	<i>1.57</i>	<i>2.46</i>	<i>.74</i>	<i>.56</i>		<i>2.80</i>		
March	<i>.69</i>	<i>2.01</i>	<i>1.17</i>	<i>.71</i>	<i>1.45</i>	<i>1.79</i>	<i>1.36</i>	<i>1.51</i>		<i>1.49</i>		
April	<i>2.49</i>	<i>.55</i>	<i>2.83</i>	<i>1.90</i>	<i>.88</i>	<i>2.58</i>	<i>1.26</i>	<i>1.99</i>		<i>1.94</i>		
May	<i>.68</i>	<i>1.65</i>	<i>1.17</i>	<i>1.79</i>	<i>.99</i>	<i>2.79</i>	<i>4.80</i>	<i>2.06</i>		<i>3.84</i>		
June	<i>2.44</i>	<i>2.04</i>	<i>2.53</i>	<i>1.42</i>	<i>2.85</i>	<i>2.18</i>	<i>.55</i>	<i>1.29</i>		<i>2.23</i>		
July	<i>4.20</i>	<i>2.81</i>	<i>2.62</i>	<i>2.39</i>	<i>2.40</i>	<i>.62</i>	<i>3.17</i>	<i>1.43</i>		<i>2.43</i>		
August	<i>.84</i>	<i>4.53</i>	<i>1.25</i>	<i>.59</i>	<i>1.02</i>	<i>1.83</i>	<i>1.24</i>	<i>2.52</i>	<i>4.17</i>	<i>1.91</i>		
September	<i>4.56</i>	<i>2.17</i>	<i>2.58</i>	<i>3.75</i>	<i>2.01</i>	<i>4.29</i>	<i>1.47</i>	<i>2.58</i>	<i>.81</i>	<i>1.76</i>		
October	<i>8.62</i>	<i>3.08</i>	<i>6.27</i>	<i>1.80</i>	<i>1.10</i>	<i>3.61</i>	<i>1.67</i>	<i>1.12</i>	<i>1.50</i>	<i>4.50</i>		
November	<i>2.30</i>	<i>2.83</i>	<i>2.51</i>	<i>3.21</i>	<i>1.42</i>	<i>3.21</i>	<i>3.37</i>	<i>4.03</i>	<i>4.18</i>	<i>.92</i>		
December	<i>3.35</i>	<i>2.81</i>	<i>2.29</i>	<i>.82</i>	<i>2.79</i>	<i>1.30</i>	<i>4.57</i>	<i>1.63</i>	<i>1.63</i>	<i>1.61</i>		
TOTALS	<i>33.19</i>	<i>28.69</i>	<i>28.05</i>	<i>23.68</i>	<i>20.41</i>	<i>28.14</i>	<i>28.52</i>	<i>21.88</i>	<i>(30.10)</i>	<i>26.32</i>		

1880. St. Alphage, $\frac{1}{2}$ mile, \overline{E} NE

Engine House 50 ft. high 50 yards NW

1889

Tree 10 ft 30 ft N

N.B. Rejected from survey as 2" High.

RAINFALL AT *Westford Pumping Station*

Lat.

Lon.

County of *Kent*

Rain Gauge, by

Observer

London County Council
By A R Birnie Esq C.E.

LONDON 1/ *Thames - Right Bank*

Diameter	10											
Height	1 6											
Altitude	15								3 6			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.36	1.53	1.40	1.58	3.41	1.64	.69	1.82	.82	3.09	1.734	
February	1.20	.10	1.73	3.13	1.99	.62	.26	2.70	1.48	2.18	1.539	
March	2.26	2.32	1.20	.47	1.04	1.53	3.43	3.26	1.49	.59	1.759	
April	2.01	.77	1.55	.12	1.48	1.48	.58	2.13	.96	3.32	1.4410	
May	1.45	3.09	1.87	.51	1.52	.65	.21	1.70	2.92	1.57	1.539	
June	2.74	1.17	2.72	.89	2.48	.15	2.04	2.30	1.79	.60	1.688	
July	5.55	3.66	1.66	4.19	3.40	4.03	1.08	.99	1.22	2.41	2.819	
August	2.74	4.22	3.40	1.60	3.38	2.47	2.13	2.61	.98	.36	2.389	
September....	.83	1.13	2.85	1.52	1.28	.90	6.05	3.44	.30	2.62	2.092	
October	1.28	5.03	4.36	4.85	4.69	2.93	3.05	.51	3.43	2.62	3.275	
November....	1.60	2.48	2.63	2.13	3.40	3.41	1.35	1.15	2.59	4.35	2.509	
December ....	.71	3.07	1.42	2.56	2.26	2.88	3.45	2.43	2.51	1.47	2.276	
TOTALS ...	24.73	28.57	25.79	23.55	30.33	22.59	24.32	25.04	20.49	25.18	25.059	

1890 *St Alpheage* 1/4 mile E
Tree 10 ft high 25 ft N

N.B. *Rejected from Survey as 2' HIGH.*

RAINFALL AT

Depeford Pumping Station

London - South of the Thames 1903

Lat.

Lon.

County of Kent

side tube

Rain Gauge, by

Adie

Observer

Sir A. R. Birnie C.E.

Maurice Thompson Esq C.E.

Thames - 1.

Diameter ..	10										
Height	1 6				4. 0						
Altitude ..	15							21		1750	
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.49	.80	.69	1.99	2.19	1.00	4.20	.99	1.23	.83	1.641
February ..	3.85	.85	.87	1.39	3.24	.70	1.80	1.32	1.66	.38	1.606
March	1.15	2.30	1.53	2.42	1.32	3.69	1.01	.92	2.09	3.43	1.986
April	1.01	2.00	.42	1.79	1.00	1.46	.71	3.13	2.43	1.84	1.579
May	1.51	1.89	3.39	2.59	1.72	1.53	1.63	1.78	1.72	1.24	1.900
June	2.72	.82	3.28	6.95	1.22	4.82	2.96	2.41	2.37	3.75	3.170
July	1.53	2.31	1.36	5.51	2.74	.93	.40	1.04	4.06	3.41	2.329
August	2.92	1.93	2.47	5.51	.69	2.84	1.45	2.36	3.78	1.81	2.576
September ..	1.07	1.99	2.46	2.50	1.96	2.45	2.32	.52	1.48	2.41	1.916
October	1.78	2.93	1.27	5.20	1.68	.82	3.50	3.62	2.36	4.44	2.760
November ..	2.03	.81	1.26	2.36	1.79	3.10	4.56	2.52	.78	.83	2.004
December ..	2.50	3.33	1.85	1.39	2.27	.79	2.25	3.16	1.56	2.59	2.169
TOTALS ..	24.56	21.96	20.85	39.60	21.82	24.13	26.79	24.17	25.52	26.96	25.636

1900 St alphege Church 1/4 mile E

Free 10 ft high 30 ft N

1903 Greenwich Station 300 yards E

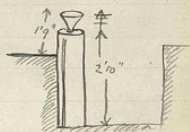
1904 March 20th Gauge moved N

1908 August Gauge moved 121 ft N.W.

St Alphege Ch 600 yards SE

Greenwich Station 1/4 mile NE

Strover's Building 19 ft high 62 ft S.W.



+ Inspected 10.11.02 W.R.A. a high railway embankment 50 yds W.

Open situation

N.B. Rejected from Survey as 2' High.

RAINFALL at Greenwich Deptford Pumping Station Norman RdCounty of LondonObserver Sir Maurice Fitzmaurice S.C.M.B.
London County CouncilRiver Basin Thames - Rghl Bank Tributary 1Rain Gauge, by Adis

Diameter ...	10									8	
Height	14.0										
Altitude ...	15 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
7-43 January ...	1.60	1.11	3.31	2.72	.36	3.86	1.23	.95	2.71	2.54	2.040
8-31 February ...	2.95	1.34	1.68	.79	2.37	3.45	4.43	.71	.87	2.30	2.089
9-98 March	1.07	1.67	2.66	2.70	4.26	.63	4.47	1.64	.90	2.97	2.297
8-71 April	2.10	1.81	.00	2.39	1.20	1.30	1.47	1.70	2.80	2.74	1.851
7-14 May	2.26	2.88	1.20	1.45	1.72	3.31	2.21	2.48	2.18	.27	1.996
6-91 June	1.99	2.58	2.52	.72	1.27	.43	2.31	2.25	.81	1.54	1.642
14-11 July	3.85	.29	1.40	2.36	1.49	3.45	1.08	4.20	6.76	2.07	2.695
10-18 August	2.52	1.35	4.72	2.01	1.12	3.49	3.36	3.80	.97	2.05	2.569
7-84 September ..	.77	1.49	2.39	1.42	.75	2.22	.86	1.37	4.57	1.04	1.688
7-22 October ...	2.35	3.34	2.03	4.18	.89	2.07	2.57	2.68	1.23	.74	2.208
8-59 November ..	3.45	2.70	1.54	2.94	2.83	2.73	4.06	1.60	1.89	1.04	2.578
8-42 December ...	3.18	4.44	2.92	.88	6.53	5.25	2.42	1.13	1.92	2.95	3.162
TOTALS ...	29.39	26.00	26.37	24.57	24.79	32.19	30.47	24.51	27.61	22.25	26.815

10484

+ Inspected
1910 Workshop + office 1911 high 62 ft S.W.

N.B. Ejected from Survey as 2' High

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.28 57	0.1.0	Greenwich S.E.R.	1440 yds 1/4 mile	N.E.	St Alphage St Pauls	600 yds (1910) 370 yds	S.E. S.E.

Rain Gauge, by Adie

8.04 } about Cu - good condition.
8.02 }
7.97 } no bottom to outer can

Glass correct:

Diameter ...	1930											1931
Height	1 2											1 2
Altitude ...	18											18
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931
January ...	2.17	1.64	2.20	.98	2.53	1.59	2.11	1.54	3.00	.63	2.26	1.88
February ...	.57	.09	1.73	2.53	.57	2.90	2.65	3.29	1.14	.46	0.75	.82
March	1.44	1.23	1.33	2.27	.62	.60	.13	2.07	1.50	.03	1.42	1.15
April	2.52	1.19	2.68	1.32	2.88	1.75	3.73	1.75	1.25	.97	1.23	1.93
May .....	.59	1.33	1.19	1.70	2.46	1.13	1.66	1.11	2.54	1.50	3.23	1.68
June	1.49	.51	1.16	.39	1.82	.11	2.89	2.38	2.12	1.06	3.08	1.55
July	3.01	.14	3.04	2.62	2.88	3.86	1.83	2.18	1.93	1.82	1.54	2.25
August	1.58	.57	1.95	1.73	1.71	2.12	2.90	3.22	2.42	2.06	2.99	2.11
September...	3.51	1.64	1.66	1.03	2.59	1.85	1.08	3.78	.73	.28	4.05	2.02
October	1.08	.69	.89	4.62	3.36	2.85	2.52	1.13	3.30	2.77	1.00	2.17
November...	.77	1.91	1.25	1.54	2.87	1.47	4.52	2.16	1.64	4.76	4.11	2.46
December...	1.84	1.11	2.90	1.87	2.64	2.67	.32	3.29	2.83	4.28	1.68	2.27
TOTALS...	20.57	12.05	21.98	22.60	26.93	22.60	26.34	27.90	23.99	20.62	27.37	22.99

Inspected 25. 19.81.23. Excellent position sphygmograph in good order alongside about 3ft 6 in above ground. Should be lowered + insulated.

N.B. Rejected from Survey as 2' High.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series	No. of Map	Reference No.
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Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51°28'37"	0°10'	Greenwich	4407ds	NE	St. Pauls	3707ds	SE

GREENWICH

RAINFALL at Deptford Pumping Station

County of London

Observer London County Council

River Basin Thames Right Bank tribut

Type of Gauge

(±A)

Annual Average ^{22.4} in. based on 9 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref ^S

from 0.5" low.

660627/26

Diameter	8											
Height	1.2											
Altitude	18									13.25'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	Means
January	0.99	1.55	0.90	1.33	1.19	3.10	3.33	2.32	3.87	1.75	20.33	
February	1.43	0.28	1.61	0.08	2.08	1.25	3.79	.52	1.04	.85	12.93	
March	.37	1.32	2.11	1.87	.47	0.87	2.29	.28	1.07	3.64	14.89	
April	3.32	2.16	.82	2.17	2.83	1.38	2.16	.10	1.67	1.58	18.19	
May	2.74	3.93	1.90	0.31	1.41	0.25	3.23	1.27	2.02	.90	17.96	
June	1.14	0.58	2.22	2.05	2.62	3.11	2.08	.33	0.79	.61	15.53	
July	2.29	2.88	1.37	0.86	.55	2.68	1.21	1.26	2.38	2.91	18.49	
August	4.88	1.78	.46	1.57	1.91	0.72	1.22	2.09	3.33	.10	18.06	
September	1.57	1.89	2.85	1.16	2.68	2.81	1.06	2.99	1.11	1.28	19.40	
October	.65	5.59	1.49	1.06	2.53	1.63	2.35	1.94	5.85	2.14	25.23	
November	2.25	0.84	.85	2.01	3.48	2.94	1.12	3.15	4.09	6.69	27.42	
December	.66	0.41	.36	4.86	2.24	1.87	3.53	2.12	1.00	1.04	18.09	
TOTALS	22.29	23.21	16.94	19.33	23.99	22.61	27.97	18.47	28.22	23.49	226.52	19.17

Check - autographic gauge work to new site in 1940 on account of ARP building

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

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

Station No. 16

RAINFALL at GREENWICH Deptford Pumping Station (T.A.)

41

County of London

Observer London County Council

River Basin Thames Right Bank, Untr.

Type of Gauge Snowdon (see 1947 return) (T.A.)

Annual Average 22.4 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. S.

Possibly 0.5" low.

File No. 66062/26

Diameter	8			239	101							
Height	28				1							
Altitude	13.25				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sums	Means
January	2.57	2.13	4.35	1.24	1.68	1.50	1.33	2.75	.74	.93	19.22	
February	1.60	.63	1.46	.73	1.29	2.11	1.36	1.11	.82	3.25	14.36	
March	2.54	2.08	.24	.02	.96	1.08	5.14	.64	.77	.57	14.04	
April	1.68	.74	.69	1.24	.88	1.60	1.04	1.08	1.41	2.33	12.69	
May	1.78	2.56	2.18	.53	1.80	3.27	.96	1.62	1.65	1.34	17.69	
June	1.83	.24	1.17	1.48	1.26	1.80	1.85	2.01	.68	1.38	13.70	
July	3.57	1.66	1.58	1.15	2.58	2.11	1.06	.85	1.19	3.07	18.82	
August	4.08	1.49	1.36	2.62	1.08	4.03	.08	3.64	1.15	1.13	20.66	
September	.61	1.20	1.72	2.68	1.24	2.34	1.28	.87	.73	2.21	14.88	
October	.54	3.94	2.13	2.82	1.63	.97	.14	2.12	5.34	.45	20.08	
November	2.30	2.01	1.07	3.40	.16	2.76	.94	1.68	2.11	4.74	21.17	
December	1.70	2.25	1.54	1.21	2.58	2.11	2.11	2.18	1.46	1.42	18.56	
TOTALS	24.80	20.93	19.49	19.12	17.14	25.68	17.29	20.55	18.05	21.82	205.87	

1941 Jan ft. 25 ft.

1943 Aa mid shelter 7' high 12' NE Telegraph pole 12' high 10' S Office building 35' high 20' SW.

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
1941			Greenwich	1/4 m	E.	Greenwich	1/4 m	E.

BRITISH RAINFALL ORGANIZATION

Station No. 16

RAINFALL at GREENWICH. Deptford (Pumping Station) (A)

51

County of London Observer London County Council

River Basin Thames Right Bank Trib. 1.

Type of Gauge Glaisher (A)

Annual Average 22.4 in based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. 8

(2005 05 1000)

22.58 in " 35 " 1916-1950

File No.

1916-1950 66027'26 822455/55

Diameter ...	8"			289	101						
Height ...	2' 8"	1' 6"			1						
Altitude ...	13'	15'		51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.42	1.73	.88	1.12	2.55	3.20	1.33	1.56	1.93	1.35	18.07
February ...	5.74	.84	1.45	2.10	1.44	.22	2.41	2.17	.04	1.55	17.96
March ...	2.65	2.29	.47	1.88	.96	.86	.64	1.21	1.22	1.79	13.97
April ...	2.70	.91	2.23	.31	.26	.95	.16	1.54	2.04	0.45	11.55
May ...	1.77	.87	1.74	1.81	3.96	.44	.87	2.05	.89	1.92	16.22
June ...	1.29	1.13	1.16	2.87	1.99	2.57	.70	4.23	.65	1.01	17.60
July ...	1.42	.54	3.85	2.39	.05	3.54	3.84	2.29	1.07	3.03	22.02
August ...	2.80	3.20	1.43	4.89	.88	2.92	1.64	3.78	2.08	2.75	26.37
September ...	3.16	2.69	2.14	2.00	2.62	1.93	2.28	4.28	.10	5.29	26.49
October ...	.90	2.58	2.75	1.55	3.32	1.05	1.59	2.39	1.80	5.16	24.09
November ...	4.32	3.66	.92	3.65	.31	.41	2.36	1.74	2.61	3.62	23.60
December ...	1.90	2.08	.58	1.20	1.68	2.69	1.66	2.81	3.16	2.10	19.86
TOTALS ...	31.07	22.52	20.60	25.77	20.02	20.75	19.48	30.05	17.59	29.92	237.80
	D	D	D	D	D	D	D	D	D	D	

1952 Gauge moved 11.8.52 1st 4' 2" N 1/2 W 2nd 4' 2" N 1/2 W 23'E
 1936 Wall 4' 2" N 1/2 W 23'E: Tree 4' 2" SE:
 1906 Insp. 3.12.56 P.H.G. Beck's

20.4.58 Gauge moved 100 yds S

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ(51) 372773

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Greenwich	1/2 m E.	Greenwich	1/2 m E.

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
C Jan 1865.	✓	✓	✓	✓	✓