

80

RAINFALL AT *Dartford Wilmington*

Lat.

Lon.....

County of Kent

Rain Gauge, by

Observer *Kent Waterworks Co.*

W Norris Esq CE.

6-Parent

[illegible]

RAINFALL AT Wilmington Tent Waterworks

Lat. _____

Lon. _____

County of Kent

Rain Gauge, by _____

Observer F. C. Bayard EsqS. Parent

Diameter	5											
Height	1' 0											
Altitude	25											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.10	1.47	.40	1.40	2.01	1.24	.42	1.44	.43	2.22	1.313	
February	1.02	.20	1.23	2.42	1.38	.25	.28	1.83	.86	1.87	1.124	
March	2.35	1.78	1.40	.30	.41	.97	2.98	3.18	1.29	.61	1.524	
April	1.72	.57	1.29	.06	1.55	.99	.48	1.13	1.19	2.61	1.159	
May	1.34	3.19	1.26	.46	1.18	.26	.22	.85	2.44	1.28	1.248	
June	1.91	1.38	3.91	.59	1.69	.09	3.51	1.94	1.57	1.02	1.761	
July	3.39	3.87	2.83	2.18	2.92	2.60	1.44	1.33	.55	1.45	2.256	
August	1.95	1.93	3.22	.68	2.55	2.72	1.79	2.11	.90	.80	1.865	
September....	.60	.69	2.09	.98	1.23	.96	5.47	2.56	.19	2.40	1.714	
October	1.02	4.98	4.06	3.75	3.46	2.10	2.70	.21	2.27	2.09	2.664	
November....	1.67	1.79	2.67	2.09	3.37	3.16	1.20	1.04	2.18	3.85	2.302	
December	1.04	2.57	1.26	2.39	1.38	2.35	2.53	2.07	1.86	1.35	1.880	
TOTALS . . .	20.11	24.42	25.62	17.30	23.13	17.69	23.02	19.69	15.73	21.55	20.826	

RAINFALL AT Wilmington

Lat.

Lon.

County of Kent Seat

Rain Gauge, by

Observer (F. C. Bayard Esq.)

St. Parent.

Wm. E. Egge M.W.B.

Diameter ..	5										
Height	10										
Altitude ...	25										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.43	.49	.56	1.98	2.56	.86	3.43	1.34	1.20	1.01	1.586
February ..	3.78	1.00	.86	1.31	2.72	.70	1.77	1.28	.98	.70	1.519
March .....	.84	1.85	1.27	1.75	1.55	2.57	.90	.79	2.01	2.75	1.628
April .....	.67	1.42	.44	1.55	.84	2.14	.50	2.45	2.17	1.24	1.342
May	1.06	1.13	2.46	1.64	1.83	.85	1.30	2.15	1.34	1.28	1.504
June	2.51	1.22	3.03	5.36	.81	4.30	1.95	2.70	1.20	2.63	2.571
July .....	.89	1.63	1.49	5.92	1.48	.45	.75	.77	3.35	3.80	2.053
August	2.09	1.42	3.36	3.49	1.33	2.29	.41	1.87	2.68	1.78	2.072
September ..	.65	1.05	.64	2.25	1.06	1.80	1.57	.31	1.09	2.47	1.289
October	1.37	2.47	1.49	4.97	1.95	.99	4.29	2.69	1.16	3.56	2.494
November ..	2.34	.72	1.29	2.05	1.53	3.07	3.98	2.01	.66	.72	1.837
December ..	2.29	3.42	1.19	1.55	2.27	.47	1.64	2.33	1.67	2.57	1.940
TOTALS ..	20.92	17.82	18.08	33.82	19.93	20.49	22.49	20.69	19.51	24.51	21.826

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RAINFALL at Wilmington Kent W.A.S.County of KentObserver Met Water Board *7.9.1916*River Basin Thames Darent 5

Rain Gauge, by _____

Diameter ...	5										
Height	1' 0										
Altitude ...	25										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL MEAN 1916-19
January ...	1.88	.86	3.97	2.85	.49	3.36	.87	.89	2.86	2.74	7.36
February ...	3.17	.90	1.26	.59	2.40	3.06	4.47	.70	.63	2.28	8.08
March	1.03	1.62	2.66	2.23	3.77	.68	4.15	1.26	.82	2.88	9.11
April	1.31	1.76	.04	1.97	.83	1.27	1.10	1.79	2.57	2.80	8.26
May	2.12	.86	.69	.79	1.22	3.30	1.61	2.12	1.58	.12	5.43
June	2.00	1.85	2.75	.29	.87	.32	1.71	1.59	.80	1.18	5.28
July	2.64	.82	1.04	1.77	.75	2.57	1.01	5.69	4.37	1.80	12.87
August	1.28	.99	3.73	2.19	.92	2.05	2.11	4.31	1.10	2.16	9.68
September ..	.75	.71	2.72	1.54	.55	1.99	.76	.92	3.96	.83	6.47
October ...	1.89	2.57	2.13	3.57	1.39	1.85	2.56	2.44	1.47	.70	7.17
November ...	3.31	3.97	1.79	2.44	2.90	2.55	4.93	1.33	1.95	1.42	9.63
December ...	3.40	4.19	2.53	.81	6.22	5.05	2.62	1.62	1.58	2.66	8.48
TOTALS ...	24.78	21.10	25.31	21.04	22.31	28.05	27.90	24.66	23.69	21.57	97.82

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Wilmington Kent Water WorksCounty of KentObserver Met. Water Board & MelhuishRiver Basin Thames - Darent -Cu. B. A. Rain Gauge, bywith bucket but somewhat heavily worn out
to be replaced in a year or so (N. 11)V. 21 Glass .012018 error of .01 at 40
+ at .50252 reproduced on back
C.S.

X.25 Cu. Insulated Sirodon BR03735.					X.25 Baran glass Gb 4758 also span glass for Siro gauge.							1920 M.M.S.	TOTAL
Diameter ...	5"												
Height	1 0												
Altitude ...	25												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	1.63	1.48	2.16	.98	2.30	1.54	1.85	1.97	2.28	.88	2.17	19.24	
February ...	.41	.16	1.51	2.81	.76	3.69	2.52	3.62	1.09	.26	.88	17.71
March .....	.76	1.18	1.36	1.90	.78	.62	.16	2.08	1.44	.08	1.11	11.77
April	2.76	1.30	2.80	1.43	3.53	1.73	4.56	1.52	1.44	1.16	1.43	23.69	
May .....	.29	1.13	.55	1.91	2.52	1.55	1.16	1.08	2.00	1.00	3.27	16.46
June	1.13	.14	1.02	.65	3.17	.17	2.91	2.98	2.32	.91	.68	16.08	
July	2.99	.23	2.91	1.02	2.57	3.89	1.86	2.71	1.92	(1.73)	1.57	23.40	
August	1.38	1.84	1.93	2.09	2.65	2.18	1.03	3.26	2.24	2.61	2.60	23.84	
September...	4.13	1.35	1.77	1.10	2.95	2.24	.90	3.60	.45	.08	2.98	21.85	
October .....	.94	.64	1.15	4.40	3.14	2.88	2.59	1.06	3.34	2.67	1.08	23.92
November...	.56	1.78	1.20	1.84	3.46	1.99	4.59	2.03	1.92	4.87	3.73	27.97	
December...	1.86	1.02	2.87	1.83	2.80	2.90	.60	3.48	3.06	4.75	1.62	26.79	
TOTALS...	18.84	12.25	21.23	21.96	30.63	25.38	24.73	29.89	24.19	(21.00)	23.12	252.72	
	6	10	10	10	10	10	10	10	10	10	10		

Inspected C.S. 25.0.21. Good till cut 3 very late purple 80ft. high on N.
 3.9.10. 6.XI.23. G. in very bad condition. Hammer for Siro gauge.
 Inspected 7.22.X.25. Good exposure
 31 X 27 all over till

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Wilmington (Kent Waterworks)County of Kent Observer Met. Water BoardRiver Basin Thames - Darent c5

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

553591/28

Diameter	5										
Height	10										
Altitude	25										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Means
January	1.23	1.58	1.30	1.80	1.19	4.22	4.10	2.26	3.83	2.38	23.88
February	1.26	.25	1.61	.17	2.82	1.40	3.94	.73	1.15	1.49	14.82
March	.19	1.41	2.03	2.14	.42	1.01	3.28	.27	1.21	3.38	15.44
April	3.89	1.55	.55	1.62	2.48	1.50	2.19	.27	2.18	1.61	17.84
May	2.84	2.91	1.60	.54	1.41	.62	3.04	1.68	1.83	1.90	18.37
June	1.37	.90	1.85	1.32	3.08	2.51	2.82	.38	1.21	.88	16.32
July	2.32	1.32	2.09	1.27	.57	2.25	1.54	1.01	2.74	4.51	19.62
August	3.10	.94	.53	1.68	2.14	.34	.59	1.17	2.64	.12	13.25
September	1.64	1.45	2.55	.94	2.88	2.28	1.82	2.02	1.33	1.05	17.96
October	.56	5.36	1.40	1.36	2.43	1.91	1.79	2.50	6.67	2.40	26.38
November	2.63	.69	.76	2.03	4.44	2.98	1.64	2.23	3.87	6.84	28.11
December	.50	.43	.56	4.25	2.36	1.83	4.29	2.37	1.00	1.19	18.78
TOTALS	21.53 D.	18.79 D.	16.83 D.	19.12 D.	26.22 D.	22.85 D.	31.04 D.	16.98 D.	29.66 D.	27.75 D.	230.7 D.

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

Station No. 408 T.F.

RAINFALL at Wilmington (Kent Waterworks)

41

County of Kent Observer Met. Water BoardRiver Basin Thames (Darent &c.)

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 833391/22

Diameter	5"				291	033						
Height	1' 0"					1		1' 5"				
Altitude	25'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	Means
January	2.66	2.20	4.85	1.37	1.89	1.28	2.02	2.55	.90	1.14	20.86	
February	1.56	.77	1.43	.97	1.05	2.38	1.51	1.45	.90	3.72	15.74	
March	2.62	2.25	.28	.08	1.30	1.35	4.86	.80	.73	.67	14.94	
April	1.52	1.12	1.11	1.38	1.14	1.99	1.29	1.64	1.38	3.12	15.69	
May	1.47	3.08	2.27	.35	2.59	3.71	.93	2.48	1.52	1.43	19.83	
June	2.07	.41	1.28	1.89	1.25	2.06	2.22	2.14	.99	1.55	15.86	
July	1.80	1.95	1.43	1.17	3.58	1.33	2.83	1.03	.69	2.35	18.16	
August	3.51	2.14	.98	3.34	1.30	4.12	.37	4.65	1.17	1.36	22.94	
September	.52	2.41	1.43	2.85	.77	2.26	1.14	1.13	.44	2.30	15.25	
October	.82	3.36	1.90	3.44	2.22	1.49	.19	1.62	5.64	.30	20.98	
November	2.78	1.90	1.17	3.99	.25	3.21	1.00	1.57	2.91	5.23	24.01	
December	1.41	1.63	1.67	1.62	2.55	1.84	2.28	2.91	1.15	1.66	18.72	
TOTALS	22.74	23.22	19.80	22.45	19.89	27.02	20.64	23.97	18.42	24.83	222.98	

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

RAINFALL at WILMINGTON (KENT WATERWORKS) Station No. 408 T.F. 86
 County of KENT Observer MET. WATER BOARD
 River Basin THAMES - DRENT & C. 5
 Type of Gauge 3 in. (1 + A)

51

Annual Average 22.98 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. 2289/138 E.S.M. 1/46
 File No. 2289/138

Diameter ...	5"				291	033					
Height ...	1' 5"					1		10"			
Altitude ...	25'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.03	2.15	.99	1.39	3.15	3.09	1.07	1.82	2.23	1.90	19.82
February ...	5.92	1.04	1.29	1.93	1.68	.42	2.55	2.02	.04	1.51	18.40
March ...	2.49	2.56	.34	1.53	.95	1.08	.89	1.04	1.77	1.34	13.99
April ...	2.68	.99	2.13	.27	.24	1.55	.16	1.68	2.12	0.46	12.28
May ...	2.27	1.33	1.47	2.04	3.91	.93	.95	1.73	1.33	2.01	17.77
June ...	1.27	1.06	1.24	2.86	1.36	1.57	.76	4.75	.84	1.38	17.09
July ...	2.51	.75	3.29	2.35	.09	5.45	2.98	1.86	1.44	2.50	24.22
August ...	2.64	2.32	1.37	3.04	.90	3.09	2.74	4.08	.58	2.58	24.34
September ...	2.25	3.28	2.97	1.50	2.86	2.04	2.35	5.18	.87	4.58	27.08
October ...	.80	2.36	3.23	1.51	3.71	1.39	1.39	2.52	1.59	5.45	24.25
November ...	3.66	3.90	.88	4.07	.55	.62	3.19	1.61	3.16	3.63	25.27
December ...	2.01	2.08	.78	1.35	1.68	2.45	1.67	2.50	3.58	2.49	20.59
TOTALS ...	30.53	23.82	19.98	22.84	21.08	23.48	20.70	30.79	19.05	31.83	245.10

Ins 5154. Slight lead in inner can. Turf wall sound. 5
 INS. 1157 (1953/1954). Water tank 10' 3" N-E. Churn 75' 7" NW. N.W. gorges. New site
 chosen to E of present site. Turf wall will not be required.

Insured 1157, N.W.B. 5. repaired moved to new site

Insured 13-10-60 by Hillbush. Satisfactory site. alt. of N & NNE a.s.

51/543728

543727

Position of Station on Ordnance One-Inch map: No. of Map 171 National Grid Reference 543728

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	