

RAINFALL AT

Southfleet Kent Waterworks

Lat.

Lon.

County of

Kent West

Rain Gauge, by

Observer (F. C. Bayard Esq.)

5. Daunt.

W. Morris Esq. C.E. M.W.D.

Diameter ..	5										
Height	1 0										
Altitude ..	82										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.61	.58	.50	1.93	2.72	.92	3.36	1.17	1.09	.97	1.585
February ..	4.08	1.10	.96	1.44	2.79	.77	1.70	1.17	.99	.71	1.571
March ....	.90	1.71	1.62	1.78	1.54	2.74	.99	.76	2.06	3.27	1.737
April .....	.75	1.46	.44	1.61	.75	2.00	.58	2.38	2.40	1.41	1.378
May	1.61	1.06	2.39	2.08	1.65	.80	1.48	2.23	1.46	1.17	1.593
June	2.29	.68	2.47	5.28	.87	4.47	2.15	2.62	1.34	2.80	2.497
July	1.29	1.76	1.50	6.10	1.41	.46	.90	1.08	3.03	3.38	2.091
August	2.21	1.60	2.70	3.32	1.60	2.25	.59	1.81	2.92	2.37	2.137
September..	.72	.99	.77	2.17	1.14	1.52	1.96	.34	1.34	2.45	1.340
October	1.40	2.34	1.45	5.12	1.69	1.12	4.70	3.28	1.39	3.70	2.619
November ..	2.45	.55	1.44	2.13	1.40	3.29	4.28	1.95	.78	.81	1.907
December ..	2.04	3.76	1.24	1.79	2.52	.57	1.63	2.37	1.77	2.80	2.049
TOTALS ..	22.35	17.59	17.48	34.75	20.08	20.90	24.32	21.16	20.57	25.84	2.504

D

77

2

2

2

2

✓ this

RAINFALL at

Southfleet Kent Water Works

County of Kent

Observer Met. Water Board

F. Mulhish

River Basin Thames - Darent 5

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	82										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL Means 1910-19
January ...	1.90	.89	4.64	2.86	.55	3.35	.95	.91	3.11	3.17	8.14
February ...	3.56	.94	1.39	.69	2.92	3.66	4.21	.68	.63	2.27	7.79
March	1.20	1.84	2.63	2.28	4.02	.65	4.20	1.40	.89	3.12	9.61
April	1.48	1.80	.05	2.14	.78	1.30	1.23	1.89	2.51	3.24	8.87
May	2.43	.57	.78	1.12	1.12	3.62	1.58	2.08	1.95	.38	5.99
June	2.01	1.75	2.11	.30	1.08	1.02	1.60	1.53	1.07	1.32	5.52
July	2.67	.93	.99	2.19	.97	3.00	1.05	5.93	4.99	1.91	13.88
August	1.37	.98	3.69	1.50	1.11	2.32	2.11	4.30	1.47	2.11	9.99
September ..	.70	.66	2.73	1.68	.54	1.98	1.03	1.14	3.08	1.06	6.31
October ...	2.19	2.89	2.09	4.04	1.61	1.80	3.16	2.23	1.63	.72	7.74
November ..	3.60	4.64	1.87	2.57	2.47	2.68	4.82	1.22	1.99	1.57	9.60
December ...	3.57	4.50	2.40	.87	6.34	4.92	2.96	1.81	1.69	3.10	9.56
TOTALS ...	26.68	22.39	26.37	22.24	24.51	30.30	28.90	25.12	25.01	23.97	103.00
	2		3	2	2	2	2	2	2	2	

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

RAINFALL at Southfleet - Kent Water WorksCounty of KentObserver Met. Water Board 7 MelhuishRiver Basin Thames - Darent497 } Copper B.A. Rain Gauge, by Hudson Bros501
500
496 }
(V. 21)

X. 25. Cur insulated Enamelled

X. 25 Casella Condens 220 4759

Glass correct (21)

Diameter ...	5											
Height	^{Inspected} D 6				^{Inspected} 1 0							
Altitude ...	82											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	¹⁹³⁰ Met. Ws.	TOTAL
January ...	2.45	1.45	2.42	1.00	2.34	1.47	2.01	1.99	2.29	.83	2.34	20.59
February ...	.50	.38	1.58	3.14	.75	3.01	2.49	3.89	1.16	.38	.94	18.22
March .....	.68	1.52	1.31	1.87	.77	.87	.20	2.51	1.82	.03	1.09	12.67
April	2.74	1.27	2.48	1.77	3.29	1.72	4.72	1.46	1.76	1.18	1.47	23.86
May .....	.37	.87	1.01	2.02	2.04	1.48	1.06	.82	2.25	.87	3.34	16.13
June	1.46	.18	.87	.80	2.42	.21	2.74	2.56	2.59	.71	.60	15.14
July	3.50	.14	2.35	.89	2.62	3.65	1.77	2.66	2.00	1.30	1.56	22.44
August	1.61	1.63	1.98	1.50	1.93	2.58	1.35	3.54	2.98	2.30	2.49	23.89
September...	4.29	1.33	2.19	1.41	2.38	1.88	.83	3.80	.49	.03	3.21	21.84
October .....	.90	.73	1.33	4.75	2.85	3.19	2.74	1.07	3.38	2.65	1.01	24.60
November...	.66	1.80	1.19	1.95	3.66	2.63	4.81	2.12	2.02	5.37	3.82	30.03
December...	1.89	1.16	3.75	1.70	3.11	2.78	.65	3.42	3.05	5.16	1.86	28.53
TOTALS...	21.05 D	12.46 D	22.46 D	22.80 D	28.16 D	25.47 D	25.37 D	29.84 D	25.79 D	20.81 D	23.73 D	257.94 D

Inspected 25.5.21 S. to be raised to 1 ft. Site is fairly good. The surrounding vegetation must be watched. Soil not be allowed to subside on angle of more than 30° at the gauge.

Inspected 27.6.21. L. defective (i.e. near 44677/23) & is embedded in tin of ash. Obor.

Since kept up round the gauge, in the new position close to the path. Inspected 7.2.22. X. 25 replaced as above - very good but somewhat raised above ground level.

Inspected 31/3/27 see green file

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 Southfleet (Kent Waterworks)County of Kent Observer Met. Water BoardRiver Basin Thames - District 5

Type of Gauge

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

883891/28.

Diameter	5										
Height	10										
Altitude	82										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Means
January	1.47	1.55	1.42	1.57	1.14	4.19	4.58	1.5	3.97	2.42	2454
February	1.75	.19	1.69	.34	2.76	1.39	3.73	.75	1.31	1.65	1556
March	.28	1.17	2.05	2.27	.33	.88	3.39	.42	1.38	3.41	1558
April	3.98	1.27	.72	1.93	2.44	1.53	2.17	.37	2.03	1.64	1808
May	2.76	3.24	1.64	.44	1.21	.47	2.93	1.73	1.69	1.64	1775
June	1.04	.79	1.41	1.45	2.92	3.24	3.11	.49	1.13	.44	1602
July	2.77	1.31	2.55	1.34	.53	2.36	.91	1.18	2.11	4.39	2005
August	3.25	.88	.31	1.71	1.95	.59	.71	1.22	2.85	.23	1370
September	1.60	1.46	2.62	1.23	2.91	2.22	1.39	2.80	1.07	.98	1828
October	.44	4.71	1.33	1.77	2.60	1.63	1.93	2.27	6.47	2.64	2609
November	2.65	.67	.97	2.06	4.87	3.37	2.08	2.16	3.47	6.67	2917
December	.35	.37	.60	4.12	2.41	1.85	4.15	2.45	1.06	1.09	1845
TOTALS	22.34	17.61	17.31	20.23	26.07	23.72	31.08	18.17	29.54	27.20	23327
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.

Inspected 1/3/34 turf wall round gauge recommended.

† Inspected 2/2/38 turf wall in course of erection.

§ Turf wall round gauge (see enr. 122A F-883891/28)

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

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

RAINFALL at Southfleet (Kent Waterworks)**41**County of KentObserver Max Water BoardRiver Basin Thames Darent 36.5

Type of Gauge.....

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

File No. 883391/23

Diameter	5"				291	802					
Height	1' 0"					1					
Altitude	82'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.85	1.93	4.40	1.33	2.06	1.19	1.71	2.77	.98	1.30	20.52
February	1.73	.61	1.04	.83	.98	2.46	1.63	1.51	.98	3.97	15.74
March	2.71	2.36	.28	.06	1.43	1.34	4.50	.74	.64	.79	14.85
April	1.72	1.13	1.10	1.43	1.03	1.94	1.51	1.78	1.26	2.47	15.37
May	1.47	2.76	2.65	.36	2.32	3.59	.78	1.42	1.37	1.44	18.16
June	1.78	.19	1.40	1.37	1.29	2.11	1.80	1.77	.97	1.77	14.45
July	2.12	2.35	1.38	1.68	3.21	1.76	2.30	.85	.83	2.40	18.88
August	3.54	1.93	1.08	3.94	1.46	4.09	.27	4.33	1.26	1.74	23.54
September	.34	2.54	2.23	2.47	.69	2.40	1.32	1.16	.93	2.15	16.23
October	.95	2.90	1.98	3.58	3.36	1.18	.17	1.65	6.01	.34	32.12
November	2.54	1.71	1.17	3.79	.29	3.55	.99	1.58	2.31	5.57	23.50
December	1.48	1.91	1.80	1.56	2.39	1.89	2.63	3.04	1.18	1.66	19.54
TOTALS	23.23	22.22	20.51	22.40	20.51	27.50	19.61	22.60	18.72	25.60	222.90
	D	D	D	D	D	D	D	D	D	D	

§ Turf wall round gauge.

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.

Station No. 407

TF86

RAINFALL at SOUTHEREET (KENT WATERWORKS)

51

County of KENT Observer MET WATER BOARDRiver Basin JAMES PARENT & COType of Gauge Snowdon (Buella)Annual Average 23.35 in. based on 25 years obs. un-weighted. Period of average 1916-1950 Ref. 23.35 File No. 23.35

Diameter ...	5"				291	802					
Height ...	1' 0"					1					
Altitude ...	82'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.95	1.70	.84	1.35	2.19	3.22	.80	2.29	1.75	1.56	17.65
February ...	5.64	1.07	1.18	1.75	1.56	.15	2.67	1.74	.04	1.17	16.87
March ...	2.63	2.35	.29	1.55	.88	1.02	.88	1.14	1.26	0.65	12.65
April ...	2.95	.76	2.32	.31	.20	1.37	.17	1.69	1.55	0.29	11.61
May ...	2.02	1.30	1.46	1.93	3.60	.49	.95	1.88	.70	1.77	16.10
June ...	1.12	1.16	1.67	3.17	1.43	1.52	.76	3.97	.55	0.68	16.03
July ...	2.76	.60	3.47	2.44	.06	4.48	3.46	2.34	1.28	2.15	23.04
August ...	2.71	2.10	1.15	2.69	.47	2.47	2.86	3.86	.58	3.45	22.34
September ...	3.04	3.10	2.39	1.22	2.66	2.10	2.44	6.03	.10	4.20	27.28
October ...	.64	1.98	2.62	1.53	3.88	1.19	1.19	2.41	1.85	5.79	23.08
November ...	3.70	4.52	.86	3.59	.51	.65	4.00	1.56	2.77	3.25	25.41
December ...	2.00	1.87	.70	1.67	1.59	2.55	1.62	2.47	2.93	1.84	19.24
TOTALS ...	31.16	22.51	18.93	23.20	19.03	21.21	21.70	31.38	15.36	26.80	231.30
	D	D	D	D	D	D	D	D	n.p.	n.p.	

Ins 5/4. G. sand. Site very exposed from NW GSE. A good site chosen in meadows 30 yards north.

NSP. MAY 1955. G. hole in funnel. over-capped NW-NE. Site obs'n 54 was not used owing to planting of trees. No good sites now available for construction.

Inform II (157, M.W.B. G. repaired.

Inspected 13-10-60. Still hole in funnel. o/c NNE. otherwise reasonable. o/c to W & NW reducedly building (1954 n.p. low. 1960)

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 51/610724

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
	✓	✓	✓	✓	✓