

RAINFALL at Stoke (City of London Mental Hospital)County of Kent

Observer

River Basin Thames - Darent & C

Type of Gauge

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

Diameter											
Height											
Altitude											
Year	1900 1901	1901 1902	1902 1903	1903 1904	1904 1905	1905 1906	1906 1907	1907 1908	1908 1909	1909 1910	Means
January								1.12	.89	.95	
February								1.13	.94	.73	
March .....								.65	1.93	2.82	
April								2.35	2.02	1.21	
May								2.06	1.36	1.13	
June								2.49	1.14	2.61	
July .....								.84	3.20	3.90	
August								1.80	2.62	1.90	
September								1.20	1.17	2.54	
October								2.81	1.21	3.66	
November								1.97	.63	.71	
December								2.29	1.77	2.80	
TOTALS								20.75	18.87	24.96	

Back years 1907-1920¹⁹²¹ resumed Jan. 1937Position 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 Stone (City of London Mental Hospital)

County of Kent Observer

River Basin Thames - Dartford & S.

Type of Gauge

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

Diameter												
Height												
Altitude												
Year	1910 1907	1911 1908	1912 1909	1913 1910	1914 1911	1915 1912	1916 1913	1917 1914	1918 1915	1919 1916	TOTAL 1916-19	MEANS
January	1.73	.83	2.69	2.22	.40		.96	.92	2.53	2.78	7.19	
February	2.76	.93	1.12	.73	2.12		3.85	.78	.68	2.11	7.42	
March .....	.45	1.53	2.38	2.03	3.56		3.70	1.41	.84	2.82	8.77	
April	1.46	.97	.05	1.94	.68		1.07	1.55	2.67	2.66	7.95	
May	2.07	.60	.72	.58	1.34		1.28	2.41	1.60	.12	5.41	
June	1.89	1.59	2.95	.31	.83		1.34	1.70	.78	1.25	5.07	
July	3.04	1.20	1.00	1.88	.75		1.21	5.76	4.70	1.92	13.59	
August	1.19	1.48	3.21	2.21	.85		2.81	4.41	1.54	2.15	10.93	
September .....	.77	.68	2.55	1.67	.55		.91	.83	4.19	.86	6.79	
October	1.98	2.39	1.95	3.81	1.45		2.25	2.62	1.57	.44	6.88	
November	3.21	3.78	1.43	2.41	2.81		5.06	1.45	1.96	1.32	9.79	
December	3.24	3.68	2.03	.75	6.29		2.62	1.47	1.68	3.00	8.77	
TOTALS	24.33	19.71	22.08	20.84	21.63		27.06	25.31	24.76	21.43	98.56	

Back years 1907-1920, ¹⁹²³ received Jan. 1927Position 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 Dartford, Stone, City of London Mental HospitalCounty of HertObserver D. R. H. Steen & J. Gower (1924)River Basin Thames - Darent - 5M.O. Rain Gauge, by N & Z

Diameter ...			5									
Height			0.10		1.0							
Altitude ...			124		200							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	TOTAL
January ...	2.27	1.38	2.30	1.01	2.28	1.51	1.69	1.71	2.36	.88	1.88	19.27
February ...	.33	.18	1.44	2.66	.87	3.10	2.62	3.52	1.04	.81	1.05	17.12
March .....	.66	1.05	1.14	2.06	1.02	.76	.17	2.01	1.63	.01	1.15	11.66
April	2.52	1.42	2.22	1.38	3.24	1.46	4.51	1.50	1.50	1.20	1.34	22.29
May .....	.32	1.31	.57	1.57	1.84	1.49	.88	.67	2.15	.97	3.34	15.11
June	1.20	.16	1.04	0.68	2.83	.16	2.98	2.12	2.20	.77	.54	14.78
July	2.97	.17	2.94	1.09	2.44	3.19	1.90	3.01	1.94	1.64	1.19	22.51
August	1.45	1.69	2.07	2.20	2.06	1.98	1.14	3.18	2.58	2.25	2.40	23.00
September...	4.60	1.59	1.90	1.13	3.73	1.99	1.09	3.53	.50	.06	2.77	22.89
October .....	.72	.70	1.04	4.44	2.86	2.74	2.39	.83	3.07	2.46	.92	22.17
November...	.61	1.85	1.04	1.80	3.53	1.79	3.90	2.09	1.64	4.64	3.70	26.59
December...	2.02	.93	3.09	1.87	2.52	2.85	.51	3.33	3.04	4.26	1.49	25.94
TOTALS...	19.77	12.43	20.79	21.89	29.22	23.02	23.78	27.50	23.71	19.45	21.77	243.33

1922 Apple tree 10' high 8 yds S.

1925 Apple tree 8' .. 15 ft. S.

1926 .. 10 .. 15 .. SW.

Inspected 20/8/28 by D. R. H. Steen see green file.

1928 9 moves 3 yds N 8/9/28. Wire fence 3 1/2' high 6' W.

1930. Horse chestnut tree (small) 8 ft. high, 8 yds. South.
Back from 1923, and 1907 to 1914, & 1916 to 1920 missing I/27.

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
1922			Dartford	2 mi.	W	Stone	1 mi.	E

RAINFALL at Stone (City of London Mont. Hts)

County of Kent Observer J. G. Esq.
River Basin Thames - Darent & E R. M. Fletcher, Esq., (1933)
Type of Gauge London

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....
749134/27.

Diameter	5											
Height	10					12						
Altitude	200		115									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Means	
January	1.16	1.43	1.17	1.37	1.09	3.94	3.49	2.32	3.67	2.39	2203	
February	1.19	1.12	1.30	1.43	2.53	1.27	3.74	1.63	1.10	1.43	1374	
March	1.14	1.14	1.83	2.07	1.36	1.97	2.51	1.36	1.36	3.39	1413	
April	3.74	1.35	1.46	1.75	2.58	1.48	2.29	1.31	2.22	1.47	1765	
May	2.67	3.03	1.72	1.65	1.36	1.32	2.84	1.64	1.83	1.75	1781	
June	1.38	1.93	2.54	1.22	2.60	2.57	2.91	1.57	1.34	1.64	1650	
July	2.47	1.30	1.58	1.98	1.68	2.35	1.51	1.97	2.38	5.45	1957	
August	2.94	1.13	1.54	1.69	1.97	1.36	1.61	1.25	2.37	1.17	1303	
September	1.35	1.39	2.93	1.87	2.63	2.26	2.04	2.18	1.18	1.16	1799	
October	1.44	5.26	1.30	1.40	2.06	1.60	1.72	2.39	4.62	2.45	2524	
November	2.26	1.66	1.68	1.72	4.31	3.10	1.63	2.10	3.74	6.35	2655	
December	1.42	1.36	1.54	4.00	2.05	1.82	4.23	2.25	1.11	1.14	1792	
TOTALS	20.16	18.10	16.59	18.15	24.12	22.04	29.52	16.77	28.92	27.79	22216	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Horse chestnut tree 8' high 21'S.
1932. Apple tree 8' high 39' S.
1934. Horse 30' high 15 yds. N.

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
1931.			Dartford	1 1/2 m	W.	Stone	1 m	E.

Station No. H.L.L.

RAINFALL at Stone (St. John's Mount Hosp.)

41

County of Kent

Observer A. W. Phillips Esq.

River Basin Thames, Dartford & S.

T. J. Phillips, Esq.

Type of Gauge Sneydon M.O.

G. Jones Esq. (1950)

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

C. 1921

File No. 749134.27

Diameter	5"					291	642					
Height	1' 2"						1					
Altitude	115'						41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	Means
January	2.45	1.59	4.61	1.50	1.88	1.18	1.93	2.65	1.09	1.01	19.89	
February	1.38	.87	1.26	.99	1.07	2.03	1.39	1.42	.77	3.36	14.54	
March	2.45	2.20	.26	.08	1.35	1.20	4.51	.78	.57	.73	14.13	
April	1.78	.88	1.04	1.40	1.03	1.92	1.21	1.70	1.24	2.52	14.72	
May	1.36	2.89	1.94	.40	2.97	3.58	.79	1.99	1.59	1.26	18.77	
June	1.44	.28	1.32	1.82	1.45	2.25	1.98	1.65	1.05	1.50	14.74	
July	1.39	2.19	1.50	1.44	3.69	1.64	2.96	1.05	.63	2.24	18.73	
August	3.05	2.10	.99	3.44	1.35	4.07	.39	4.59	1.08	1.36	22.42	
September	.48	2.66	1.64	2.63	.83	2.25	1.21	1.07	.50	2.05	15.38	
October	.86	3.33	1.91	3.26	2.09	1.21	.13	1.39	4.80	.35	19.33	
November	2.75	2.08	1.15	3.65	.29	2.83	1.07	1.55	2.51	4.97	22.85	
December	1.38	1.81	1.65	1.67	2.45	1.84	2.23	2.56	.70	1.46	17.75	
TOTALS	20.77	22.88	19.27	22.34	20.45	26.00	19.80	22.40	16.53	22.81	213.25	

1941. House 30' Rgh 15yds 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.
1941			Dartford	1 1/2 miles	W	Stone	1 mile	E
1949			"	1 3/4 mi.	W.	Dartford	3/4 mi	W.

BRITISH RAINFALL ORGANIZATION

Station No. 411

RAINFALL at STONE (STONE HOUSE HOSPITAL)

51

County of KENT Observer J. T. Jones

River Basin THAMES - DARENT &c 5

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 196-1950 Ref. P

22.21 " " 35 " " 1916-1950

File No. 749134/27

Diameter ...	5"				201	642						
Height ...	1' 2"					1			1' 0"			
Altitude ...	115'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.43	1.41	1.00	0.45	2.50	2.67	1.15	1.65	2.15	1.95	17.36	
February ...	5.42	(1.00)	.99	1.90	1.92	.20	1.85	2.25	.06	1.69	17.28	
March ...	2.30	2.28	.42	1.06	.91	1.08	.81	(1.00)	1.60	1.28	12.74	
April ...	2.01	.75	1.97	.24	.27	1.33	.11	(1.80)	1.66	0.39	10.53	
May ...	1.71	.99	1.45	1.73	4.10	.51	.86	(1.60)	1.75	2.11	16.81	
June ...	.78	1.06	1.60	3.16	1.54	1.98	.77	(5.00)	.37	1.52	17.83	
July ...	3.01	1.20	3.17	2.62	.07	5.02	4.09	2.10	1.52	2.98	25.78	
August ...	2.81	1.99	1.17	4.96	1.07	2.90	2.65	4.15	.75	4.26	26.71	
September ...	2.50	3.06	2.90	1.80	3.01	1.93	2.46	5.67	.07	4.26	27.66	
October ...	1.04	1.95	2.66	1.35	3.43	1.93	1.32	(2.60)	1.61	5.57	23.20	
November ...	4.17	4.22	1.15	3.57	.55	.25	2.76	(1.80)	3.26	3.66	25.39	
December ...	1.65	1.95	.71	1.13	1.59	2.27	1.58	2.72	3.29	2.31	19.66	
TOTALS ...	29.83	21.86	19.23	23.97	20.96	21.87	20.41	(32.34)	18.52	31.92	240.95	
	d	d	d	d	d	d	d	n.p.	n.p.	d		

1952 320 est. M.O.B.

1.954 410 30' 15" N

prob. in 1959 1.80%. True 50° 90' ESE. Apple trees WSW-SW just border on overtake but at more growth

1958 n.p. too much est.

1959 n.p. too much est.

Position of Station on Ordnance One-Inch map: No. of Map. 171 National Grid Reference 559243

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Rainford	1 3/4 m W	St Albans	3/4 m W

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
	✓ NR 15	✓	✓	✓	
	✓	✓	✓	✓	