

RAINFALL AT Margate Apsley House

Lat.

Long.

County of Kent

Rain Gauge, by

Observer J. Stokes, Esq.

2-Stone,

Diameter	5										
Height	1.0										
Altitude	64 L										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.37	.72	1.44	2.03	2.14	4.22	1.63	1.26	.79		
February	1.13	.01	2.25	1.36	2.25	.77	.47	2.04	2.06		
March	1.45	.20	1.12	1.01	1.11	.73	1.43	2.69	1.27		
April62	2.72	1.37	1.45	.92	1.41	1.74	.87	1.93		
May	1.06	.14	2.09	.23	1.92	3.16	1.60	.76	2.01		
June	2.72	2.33	1.37	.86	1.01	.32	.35	1.63	1.44		
July	2.61	1.04	2.01	2.88	1.37	.21	2.20	.73	3.66	3.04	
August	2.31	3.31	1.32	.37	.96	1.01	1.68	2.26	.76	2.18	
September	2.74	3.08	3.47	3.05	4.35	3.61	1.04	3.08	1.29	1.14	
October	7.30	5.83	4.71	1.79	2.79	4.08	2.18	2.00	1.59	4.97	
November	3.43	2.40	3.17	3.17	1.03	2.53	3.49	4.27	3.38	.85	
December	3.09	2.74	2.50	1.30	2.90	.93	5.54	2.87	1.76	1.10	
TOTALS	(27.64)	26.75	26.20	22.37	20.34	21.72	26.74	21.93	21.69	22.78	(22.208)

St John's Church 1000ft N.W.

House 26ft high 42ft S.E.

Wall 6ft " 9ft W

Jan - June 1880 - Margate Rembrandt Villa

RAINFALL AT Margate Aspley House

Lat. Lon. County of Kent

Rain Gauge, by Observer J. Stokes Esq.

2-Sl. S. Standard

Diameter										5
Height										
Altitude										84
Year: 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 MEANS.										
January										# 77
February										2.07
March										1.27
April										1.91
May										2.02
June										1.43
July										3.02
August										2.21
September										1.13
October										5.02
November87
December										1.10
TOTALS										22.82

St John's Margate 1000 feet NW
 Wall 6 ft high 13 ft W
 House 26° - 38° SE

RAINFALL AT Margate Aspley House

Lat.

Long.

County of

Kent

Rain Gauge, by

Observer

J. Stokes Esq.

1-Stores

Diameter	5										
Height	1.0	1.5					1.0				
Altitude	84L										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.62	1.47	.67	1.97	1.61	2.74	.87	2.50	.62	2.37	1.644
February83	.10	2.30	3.23	1.09	.46	.31	1.96	.89	1.63	1.280
March	2.36	1.95	1.87	.39	.65	.94	1.76	3.55	1.71	.83	1.601
April	2.10	.27	1.09	.04	1.89	.85	.79	1.88	.88	2.50	1.229
May	1.15	2.96	.30	.84	3.26	.66	.16	.52	3.29	2.52	1.566
June	1.75	1.62	2.95	.51	1.80	.43	3.30	1.57	2.52	1.38	1.783
July	4.39	3.31	2.58	2.61	4.03	3.14	1.29	.31	1.21	1.46	2.133
August	3.81	3.33	4.54	.96	1.69	1.79	4.16	2.56	1.32	1.07	2.523
September....	.69	.49	1.97	2.50	1.98	.69	4.16	2.03	.44	2.25	1.420
October.....	1.18	3.53	5.30	2.49	2.85	2.78	6.24	.31	2.02	2.31	2.901
November....	2.15	2.27	1.99	2.92	2.77	3.00	2.07	1.52	2.65	1.95	2.329
December....	.64	2.24	2.35	2.10	1.31	2.28	3.78	2.77	1.22	2.12	2.081
TOTALS	22.67	23.54	27.91	20.56	24.93	19.76	28.89	21.48	18.77	22.39	23.090

1890 House 26 ft high 22 ft SE

Hall 6' " 10" W

1891 St John Church 1000 ft NW

House 26 ft high 38 ft SE

Hall 1' 7" " 13" W

RAINFALL AT Margate Apoley House

Lat.

Lon.

County of Kent

Rain Gauge, by

Observer

J. Pokes Esq

2-Stone Smoker

Diameter	5											
Height	10										1.5	
Altitude	84 1/2											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.64	1.52	.72	1.98	1.68	2.77	.90	2.46	.61	2.34	1.662	
February80	.10	2.29	3.28	1.12	.45	.32	1.98	.88	1.63	1.285	
March	2.39	2.07	1.87	.39	.68	.97	1.76	3.47	1.61	.86	1.607	
April	2.08	.30	1.06	.04	1.88	.85	.76	1.83	.86	2.47	1.213	
May	1.14	3.00	.32	.81	3.16	.66	.15	.49	3.26	2.45	1.544	
June	1.76	1.64	3.00	.52	1.82	.43	3.33	1.55	2.51	1.39	1.495	
July	4.34	3.36	2.56	2.59	4.05	3.22	1.29	.29	1.21	1.42	2.433	
August	3.80	3.33	4.49	.95	1.72	1.83	4.13	2.53	1.25	1.09	2.512	
September69	.47	1.97	2.53	1.93	.68	4.18	2.10	.44	2.20	1.719	
October	1.17	3.55	5.37	2.50	2.81	2.72	6.15	.31	1.99	2.29	2.886	
November	2.11	2.28	2.03	2.89	2.84	3.04	2.04	1.44	2.59	1.94	2.320	
December61	2.31	2.32	2.13	1.34	2.31	3.75	2.80	1.26	2.16	2.099	
TOTALS	22.53	23.93	28.00	20.61	25.03	19.93	28.76	21.25	18.47	22.24	23.075	

1890 St Johns Margate 1000 ft NW
 House 26 ft high 42 ft S E
 Have 6 - . 9 - W

RAINFALL AT Margate Apoley House

Lat. Lon. County of Kent

J. Stow & Co.

Rain Gauge, by

Observer

J. Stokes Esq.

Snowdon

Diameter ..	5'										
Height	1 5										
Altitude ..	84 I.										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.77										
February ..	4.09										
March ..	1.05										
April61										
May86										
June	2.60										
July	1.25										
August	1.61										
September ..	.45										
October....	2.07										
November ..	2.08										
December ..	2.03										
TOTALS ..	21.47	Discontinued									

1900 House 26 ft high 38 ft SE
Fall 6 - - 13 - W

RAINFALL AT Margate Cipsley House & Weatherlands
Cliftonville 1908

Lat.

Lon.

County of Kent East

Symms Rain Gauge, by Carrillon

Observer J. Stokes Esq

J. Stourton

Diameter ..	5										
Height ..	10										
Altitude ..	841										60
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.88	.34	.57	1.87	2.63	.70	2.10	.79	1.58	.67	1413
February ..	4.12	.95	1.10	1.02	1.59	.70	1.57	1.20	1.31	1.43	1499
March ..	1.10	1.59	1.02	1.26	1.49	1.84	1.41	.66	2.03	2.53	1493
April ..	.63	1.02	.38	2.29	.83	2.89	.67	2.34	1.56	1.51	1412
May ..	.88	1.15	1.48	1.84	1.98	1.00	2.13	2.10	1.29	.96	1481
June ..	2.62	.96	2.02	3.73	.72	4.04	1.87	1.41	1.38	2.23	2098
July ..	1.26	.87	.97	3.70	.95	.70	.71	1.85	3.40	2.86	1727
August ..	1.63	1.53	2.86	2.74	1.51	1.57	.52	1.47	2.26	2.49	1858
September ..	.45	1.07	1.14	1.32	1.70	3.30	1.87	.65	1.16	2.36	1502
October ..	2.16	1.29	1.42	2.74	2.15	1.66	1.81	4.06	1.29	7.44	2633
November ..	2.15	.94	1.64	2.99	1.29	2.42	3.96	2.12	1.46	.55	1952
December ..	2.02	3.36	1.56	1.42	1.83	.36	1.80	1.45	2.37	3.42	1959
TOTALS ..	21.90	15.07	(16.16)	26.92	18.67	21.18	20.42	20.40	21.09	28.45	21.026

D D D D D D

Hull

1900 St John's Margate 1000 ft N.W.

House 26 ft high 42 " S E

Wall 6 " 9 " W

1901 Sept 1 Gauge moved 20 yards N.W.

1902 April 30 Gauge moved 2000 ft N

1903 Margate Lands Station 1000 ft W

House 27 ft high 30 ft NW

Wall 5 1/2 " 15 " E

1904 St John's Margate 1000 ft SE.

Margate Station 1800 " W.

1907 Dec 25 Gauge moved to Cliftonville but in rain later.

1908 St Paul's Ch 3 fur long 655 ft
Margate Sands 1 1/4 mile
Walter House 4+30 ft high 6+40 ft S E+E

RAINFALL at Margate Cliftonville Bay Lawns

County of Kent

Observer

C. J. Penoble Esq.

River Basin Slope & ②

Station *

Rain Gauge, by

Diameter ...					5							
Height					1 0							
Altitude ...					51							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...						2.41	1.01	2.06	2.37	2.51		
February ...						1.90	3.30	3.32	.62	1.65	5.89	
March73	1.76	1.92	.73	2.46	6.86	
April92	1.31	1.56	.91	2.43	6.21	
May						1.75	2.03	1.80	.67	1.73	.19	4.39
June.....						1.58	.74	1.37	1.58	.65	.62	4.22
July						3.07	1.81	1.29	3.92	3.53	2.52	11.26
August.....						.25	.78	1.29	4.77	1.65	1.92	9.63
September ..						.47	3.71	.79	.55	4.24	.78	6.36
October ...						3.00	1.84	3.54	2.72	1.85	1.32	9.44
November..						2.73	2.87	2.94	1.36	1.96	3.12	9.38
December...						3.79	4.61	2.42	1.48	1.65	2.80	8.35
TOTALS ...						(238.4)	24.35	22.82	22.91	21.90	22.31	87.94

1914 In open space near the Sea-belonging to the Corporation adjoining Cliftonville Promenade

House 40 ft high 150 yards E. S + W

1914 1st from globes

It is curious writing b. 1916 speaks of this gauge as a float g.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 26' N	1° 24' E	Margate West	1 1/2 m	W	S. Pauls	1/4 m	S SW

RAINFALL at Margate Cliftonville 308

County of Kent

Observer J Stokes Esq

River Basin River C 2

1914 per c.f.t. Bubble Sample ?

Surveyor Rain Gauge, by Casella

Diameter ...	5										
Height	1 0										
Altitude ...	77										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...	2.09	1.40	2.47	2.43	.99						
February ...	2.09	.88	1.26	.42	1.06						
March	1.31	2.26	2.76	1.60	4.00						
April	2.49	.98	.37	1.78	1.15						
May	3.00	1.12	.95	1.41							
June	2.94	1.47	2.79	.61							
July	2.83	.33	1.57	1.35							
August	2.65	.96	4.93	.55							
September ..	1.22	1.70	2.34	3.03							
October ...	1.27	5.13	2.62	3.64							
November ...	3.30	3.59	1.58	2.84							
December ...	3.33	3.80	1.65	1.21							
TOTALS ...	28.52	23.57	25.29	20.87							
	D	D	D	D							

1910 Wall 4 ft high 6 ft S.E
House 30" . 40" Eg. moved a short distance to Grosvenor Place XII-12
1 mi. N.E to the Lanes, Cliftonville 14.V.14

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51°26'	102°E	Margate SER	1/4 m	W	St John	1/4 m	E
						St Pauls	2 p.m.	W.S.W

RAINFALL at

Margate Cliftonville

County of

Kent

Observer

D. T. Farrowby

River Basin

Stour &c

2

Rain Gauge, by

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...											
February ...											
March											
April		1. 03									
May		1. 21									
June		1. 43									
July 42									
August.....		. 84									
September ..		1. 60									
October ...		4. 76									
November ..		3. 77									
December ...		3. 89									
TOTALS ...											

g. $\frac{1}{4}$ mi. S. of Mr. Pemberton's

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

RAINFALL at Margate Cliftonville

County of Kent -

Observer G. J. Penble Esq.

River Basin Stour & C 2

Captain Turner

Snowdon M.O.
Rain Gauge, by

(Margate Corporation)

Diameter ...	5"											
Height	1 0											
Altitude ...	51											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANING.	Mean
1920.48	January ...	1.66	1.24	2.22	1.43	1.76	.95	1.43	1.41	2.58	.78	2.02
1920.28	February37	.58	.90	2.31	.82	2.17	1.94	2.84	.88	.46	1.01
1920.18	March58	.81	1.25	.96	.85	1.03	.28	1.73	1.76	.76	1.77
1920.66	April	1.97	.70	1.50	1.04	2.08	1.78	2.69	1.42	1.54	.63	1.28
1920.16	May78	.72	.61	2.20	3.07	1.94	.76	.47	2.37	.69	2.55
1920.91	June88	.12	1.50	.56	1.71	.49	2.97	3.53	2.06	1.05	1.04
1920.46	July	2.63	.08	1.57	.44	2.29	1.55	1.83	4.90	.98	.59	2.10
1920.90	August	1.49	1.45	2.26	2.55	1.49	1.25	2.04	2.79	1.20	2.01	3.37
1920.61	September...	4.08	.59	3.57	1.28	2.89	2.58	.47	2.74	.66	.40	4.35
1920.38	October....	.58	.72	2.49	3.82	3.55	2.05	3.10	.91	3.28	2.83	1.05
1920.05	November...	.47	1.40	.86	1.80	1.85	2.76	4.41	2.65	3.48	3.66	3.63
1920.84	December...	2.28	.88	1.75	1.81	1.78	2.24	.44	2.87	3.42	3.80	1.78
	TOTALS...	17.77	9.29	20.48	20.20	24.14	20.79	21.86	28.26	24.24	16.86	25.95
		D	D	D	D	D	D	D	D	D	D	D

1920 Houses 40ft high 120yds S.W.

Station inspected by Mr. Whipple on 22/5/22 who says "I see no reason to reject the 1921 record."

Gauge is about 40yds from edge of cliff (sof light) & protected by strong hedge except from SW.

1925 Houses 40ft high 120yds SW.

Small shelter 8ft high 10yds N.E.

1927 KIOSK 12' high 2245 N.
SHELTER 12' " 27 " E.
HOTELS & HOUSES 50' " 126 " S.E.W.

Position of Station on reduced Ordnance Survey } No. of Map				Reference No.				
Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 24'	1° 24'	Margate Sands	14 mi	N	St. Paul's	1/3 mi	S.W.

RAINFALL at Margate (Cliftonville) M.W.R.

County of Kent

Observer Town Clerk

River Basin Stour &c 2

Type of Gauge

Annual Average 22.8 in. based on 35 years obs. un-weighted. Period of average 1891-1915 Ref. B of R.

Diameter	5										5"	
Height	10										10"	
Altitude	51										51'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.59	.85	1.33	1.44	1.67	3.10	3.87	2.66	4.31	1.82		Totals. 22.75
February	1.88	.30	.78	.10	2.00	1.83	3.68	.64	1.18	1.52		13.91
March	.15	.96	1.02	2.35	.04	0.95	3.22	.45	1.72	2.54		13.46
April	2.30	1.50	.77	1.29	2.25	0.98	1.93	.67	2.31	.88		14.73
May	1.98	2.46	1.19	1.50	1.20	0.23	2.43	1.81	2.01	.10		14.91
June	.48	.53	1.41	.70	2.11	3.54	1.83	1.26	1.32	.06		13.24
July	3.92	2.50	1.16	.77	.26	3.57	.77	2.16	1.46	1.99		13.56
August	3.28	0.68	.67	1.91	2.25	1.26	1.42	2.28	1.14	(2.20)		15.11
September	1.16	1.93	5.11	.99	2.57	2.16	2.50	2.38	1.41	(1.50)		21.71
October	.53	5.10	1.72	1.70	1.95	1.94	2.78	2.56	10.28	(3.20)		31.76
November	2.72	.82	2.10	1.73	4.37	3.26	1.10	1.89	3.83	(5.30)		27.12
December	.41	.35	.41	3.25	1.79	1.30	4.64	2.19	.83	(1.50)		16.67
TOTALS	20.40	17.98	17.67	17.73	22.56	24.12	30.17	29.95	31.88	(20.56)		226.02

Inspected 11/6/35. Site not good reading. Situated only 5 ft distant. Prop. that soon be moved a few ft & thus enable gauge to be moved similar dist. away from walls. No action taken & certificate issued.

Inspected 18.9.36. No change.

Inspected 31.4.37. Same measure recommended.

MR EW M 307
Birlington (no plot)

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

RAINFALL at Mangate

41

County of Kent

Observer Meteorological Office

River Basin Shant & c. 2

G.H. F. Turner

Type of Gauge

Town Clerk 1949

Annual Average 22.8 in. based on 35 years obs. un-weighted. Period of average 1921-1945. Ref B of N.

File No.

Diameter			5"			3011	68					
Height			1' 0"				1					
Altitude	Do Not Print	51'					41					
Year	1941	1942	*	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.00	(2.20)	3.61	1.07	2.07	.61	1.58	1.99	1.02	.86		17.01
February	(1.10)	(1.60)	1.08	1.18	1.12	1.69	1.71	1.02	.63	2.52		13.65
March	(1.40)	(2.40)	.38	.20	.67	1.73	2.88	.56	.64	.40		11.26
April	(1.30)	(1.60)	1.21	1.62	1.01	1.31	.93	.76	1.08	1.45		11.27
May	(1.00)	(2.50)	1.48	.27	1.72	1.63	.80	1.85	1.61	1.62		14.54
June	(1.60)	(3.0)	.90	.86	.49	1.44	2.47	1.57	.29	1.22		10.14
July	(2.50)	(2.90)	1.70	1.71	1.70	2.83	2.77	1.16	.79	2.51		20.57
August	(3.40)	(1.50)	1.03	1.49	1.83	5.03	.18	2.62	.67	2.23		19.98
September	(1.20)	(1.80)	1.55	3.06	.76	2.19	.88	1.75	2.51	1.88		16.58
October	(1.70)	(3.60)	1.10	5.69	.87	1.23	.29	1.03	5.25	.39		21.25
November	(2.60)	(2.20)	2.47	2.93	1.33	3.08	1.42	1.79	2.26	4.36		25.04
December	(1.00)	(2.50)	1.40	1.03	2.64	2.15	3.08	1.24	1.30	2.19		18.53
TOTALS	(18.80)	(24.10)	17.91	21.11	16.21	24.92	18.99	17.34	18.81	21.63		179.82

Inspected 15.4.48 H. Hogg. No change in site. Slight recession to N. About 35 yds N. cliff drops 50 ft to shore bank ledge along cliff edge should prevent great over-slop.

Inspected 14.9.49. Gauge in centre of site (51 ft up). Calculated at 4 in. distorted - both to the left. No improvement noticeable in readings (tot in 1948). Rather exposed to N. winds.

1st my Parish church, one future

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

RAINFALL at MARGATE

51

County of KENT

Observer TOWN CLERK

River Basin STOUR & C. 2

Medical Officer of Health

Type of Gauge 11.0 112.12 (A.O.S.)

Town Clerk

Annual Average 22.8 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.
21.25 " 35 " 1916-1950 P
File No. E.23051/58

Diameter	5"				301	168				5"	
Height	1' 0"						1			1' 0"	
Altitude	51'						51			51'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.04	1.70	.66	1.27	2.76	3.83	1.04	2.78	1.70	2.78	20.56
February	3.84	1.26	1.26	2.17	.97	1.60	2.43	3.06	.04	1.36	14.99
March	2.30	2.20	20	2.30	1.53	.52	.78	1.18	1.23	1.06	13.30
April	1.34	.36	.69	.15	.20	.84	.13	1.52	1.86	0.72	7.81
May	1.65	.93	2.10	1.71	2.97	.51	1.08	1.73	.38	2.31	15.37
June	1.44	1.97	2.26	1.30	1.46	2.18	.77	4.79	2.80	1.00	19.94
July	1.03	.82	8.88	3.00	1.59	1.53	1.76	1.33	1.78	2.45	18.14
August	3.09	2.49	1.86	2.55	.85	3.63	1.33	3.09	3.14	2.24	24.24
September	4.91	3.82	2.98	.64	.57	1.60	2.80	2.02	.27	3.63	23.84
October	1.52	1.53	1.82	1.09	5.56	1.72	.92	3.25	2.37	5.85	25.63
November	2.80	3.33	1.24	4.31	.55	.27	3.32	1.30	3.75	3.37	24.44
December	1.81	2.30	.94	1.64	1.62	1.68	1.13	3.08	3.94	3.49	21.63
TOTALS	27.77	22.71	18.84	22.13	20.63	19.91	17.49	24.13	35	23.46	232.38
	d	d	Dd	Dd	n.p.	d	D	D	D	D	

1950. D.2.2.2. 28. in by J. Wadsworth. G. do but gauge removable, was slightly out of order.

Prop. R. Blackwell 20.6.15. Subsequently.

1950. by D.C.E. Jones 20.4.56. Gauge badly battered as though struck by heavy shower - recommended by new one.

1955 n.p. low.

11/1/56 Letter in file says that a new g. has been installed.

1960 Open scale recorder installed by Poco Eng., Sept. 1960.

8/8/60 10/1/60 E. Blackburn. satisfactorily repaired.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (61)368714

Date.	Lat. N.	Leng.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance 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
		Cimp'14 ✓	✓	✓ NPImp'40 ✓	✓ NR 41-42 ✓	✓ Burd 44, 45