

RAINFALL AT Ramsgate West Cliffe Villas & Southwood Waterworks

Lat. Lon. County of Kent East

Rain Gauge, by Observer J. N. Rutter Esq. C.E.

2-Stone a.c.

W. Thompson Esq. C.E.

Diameter ..		5	6	6							
Height ..		1 0			1 0						
Altitude ..		118		124		169					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					3.01	.94	2.18	.87	1.84	.65	
February ..					1.95	.89	1.57	1.26	1.01	1.26	
March ..					1.19	1.98	1.74	.59	1.90	2.50	
April ..					1.59	.90	2.63	.48	2.32	1.53	1.26
May ..					2.48	2.42	1.15	2.60	2.38	1.85	1.08
June ..					3.89	.63	4.14	1.61	1.22	1.67	2.18
July ..					4.06	.69	.98	.39	1.69	3.27	2.88
August ..					3.22	1.58	1.53	.63	1.01	2.51	2.90
September ..					1.87	1.96	2.48	1.95	.41	1.23	2.28
October ..					3.97	2.08	1.80	1.57	4.69	1.29	7.80
November ..					3.41	1.42	2.57	4.57	1.97	1.20	.36
December ..					1.51	2.03	.25	2.08	1.60	2.61	3.91
TOTALS ..					19.86	21.34	21.37	20.31	21.91	29.06	

D m m D m

1903 Christchurch Ch 350 yards
500 ft NNE

SE + L.C. Station 3/4 mile NE + E

House 35 ft high 57 ft NNW

1904 Greenhouse 10 ft high 20 ft N.W.

Walls 8 ft high 14 ft W and E.

1906 St George Church 1/2 mile NE

1907 St Lawrence Ch 1/3 mile N

Station 1/2 - N

House & Pigsty Room 17 ft above top of gauge 59 ft E

Gauge moved on May 31 it is higher & more exposed.

Gauge
Reservoir
12 ft higher than gauge

RAINFALL at Gloucester Southwood Water WorksCounty of KentObserver W. Thompson Esq. C.I.E.River Basin Stour & C 2

M.O. 1915 Rain Gauge, by _____

Diameter ...	65						8				
Height	10										
Altitude ...	169 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.62	1.57	2.40	2.74	1.15	2.81	.92	2.66	2.69	2.55	
February ...	2.57	.89	.90	.69	1.47	2.81	3.60	.47	.61	1.93	6.61
March	1.87	2.08	2.64	1.93	4.24	1.13	2.99	1.49	.96	2.70	8.14
April	2.32	.97	.38	2.14	1.18	1.28	1.58	1.48	1.82	2.66	7.04
May	4.11	1.11	1.01	1.16	1.19	2.91	1.75	.58	1.73	.23	4.29
June	3.41	1.66	3.04	.89	1.24	.46	1.72	1.79	.87	.85	5.23
July	2.25	.32	1.82	1.90	3.56	1.97	1.64	3.71	3.60	3.27	12.22
August	2.84	.91	5.76	.92	.70	2.00	2.54	6.47	.77	1.52	11.30
September ..	1.45	1.55	2.89	2.39	.52	3.34	1.29	.66	4.31	.99	7.25
October ...	1.43	5.66	3.00	3.97	3.37	2.56	4.05	2.79	2.14	1.74	10.72
November ..	3.94	4.00	1.81	2.45	3.24	3.30	3.54	1.37	2.20	2.93	10.04
December ...	3.38	3.69	2.05	1.26	5.35	5.19	2.79	2.10	1.75	2.74	9.38
TOTALS ...	31.69	24.41	27.70	22.44	27.21	29.76	28.41	25.57	22.95	24.11	264.25

1910 Home Engine Room 19 ft high 59 ft E
 1916 Clerk & Clerk fixed Sep 1st replacing old 5"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10	51.20	1.25 E	St Lawrence	1/2 mile	N	St Lawrence	1/3 mile	N

RAINFALL at Ramsgate { East Cliff xii. 23
Southwood Water Works

County of Kent

Observer W. Thomson Esq. C.E.River Basin Stour &c 2.R. H. Reuben Esq.M.O. Rain Gauge, byRamsgate Borough EngineerRamsgate Borough CouncilJ. G. Taylor

Diameter ...	8											
Height	1.0											
Altitude ...	169			80	48							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920	Means
18.20	January ...	2.16	1.64	2.39	1.46	1.77	.93	1.45	1.43	2.04	1.07	1.86
16.68	February60	.65	1.22	2.25	.89	2.52	2.28	3.14	.84	.98	1.28
12.03	March50	.93	1.59	1.01	.87	1.19	.19	1.80	1.84	.30	1.81
19.16	April.....	2.17	1.03	1.71	1.28	1.96	2.04	2.72	1.58	2.34	.89	1.44
20.46	May	1.10	.94	.48	3.09	3.61	1.91	1.13	.78	3.40	.80	3.02
16.85	June	1.01	.20	1.74	.66	1.67	.72	3.08	3.31	2.20	.96	1.30
20.89	July	2.06	.12	1.89	.39	2.38	2.19	1.99	5.69	.91	.71	2.56
22.36	August	2.07	1.04	2.36	1.61	1.70	1.48	2.45	3.69	1.80	1.80	2.33
22.91	September...	3.38	.62	3.69	.75	3.12	2.82	.66	2.27	1.65	.38	3.57
27.35	October.....	.92	.98	2.78	4.68	3.73	2.04	3.76	1.00	3.35	3.04	1.07
30.36	November...	.62	1.74	1.03	(2.00)	2.19	3.66	5.21	2.18	4.46	3.46	3.81
25.57	December...	2.62	1.04	2.12	2.40	1.71	2.42	.80	3.24	3.12	4.40	1.70
25.2.82	TOTALS...	19.21	10.93	23.00	(21.58)	25.60	23.82	25.72	30.11	28.81	18.79	25.75
		D	D	D	D	D	D	D	D	D	D	D

1923. Dec. Gauge moved to East Cliff

1929. Mean Seven 5' high 10' N.

1923 Nov. total estimated from nearby stations

Position of Station on reduced Ordnance Survey }				No. of Map			
Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	51° 20'	1° 25'	St. Lawrence	1/2 mi	N	St. Lawrence	1/3 mi

RAINFALL at Ramsgate (East Cliff) (+A) M.W.R.

County of Kent

Observer Borough Engineer

River Basin Stour &c 2

Type of Gauge M.O. +A

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

Diameter	8						8"							
Height	10						1'0"							
Altitude	80						80'							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means			
January	2.01	1.22	1.73	1.62	2.90	2.99	3.89	3.01	14.24	8.22		25.83		
February	1.92	0.51	0.70	0.21	2.04	2.16	3.52	0.65	2.86	1.63		14.20		
March	2.20	1.00	88	2.37	1.11	0.88	3.48	0.51	4.95	2.51		14.19		
April	2.52	1.73	0.63	1.50	2.70	1.13	2.01	0.93	2.54	1.08		16.77		
May	1.93	2.26	1.08	1.63	1.78	2.20	3.23	1.86	2.04	1.27		16.28		
June	1.55	0.54	1.97	0.93	2.30	3.25	2.74	1.31	1.03	1.19		14.81		
July	3.41	2.62	1.61	1.92	1.32	3.69	1.07	2.22	1.93	(3.10)		21.9		
August	3.06	0.89	54	2.12	3.33	1.31	1.23	3.06	1.84	(2.25)		17.63		
September	1.29	2.31	5.49	0.65	2.96	3.50	3.13	2.36	2.15	(1.90)		25.74		
October	0.44	5.86	1.77	2.12	2.22	2.02	2.72	2.58	11.59	(2.80)		34.42		
November	2.00	0.70	2.46	1.64	3.52	3.44	1.07	2.13	4.63	(6.00)		26.59		
December	0.58	0.41	52	3.31	1.94	1.73	4.14	2.43	1.05	(1.60)		17.71		
TOTALS	20.21	20.05	19.38	20.02	26.12	26.30	32.53	23.05	35.85	22.5%		246.66		
	D	D	D	D	D	D	D	D	D	D				

Experimental rain gauges were set up 110 yds NE of old site in garden. Bakers Recreation Ground May 1933, for details of site see Ramsgate Gazette 1933. Inspected 11/6/35. Gauge 3 ft from rear readings, 5 ft high, gauge moved 9/8/35 to position 9 ft from readings. Comparative readings taken at Jacky Bakers Ground Sept 24. For monthly values of readings from comparative sites see over. 1936. Inspected 10.9.36.

Completed 301

Architects: H. G. H. & Son

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	Parish Church.	Distance from gauge

RAINFALL at Ramsgate (East Cliff)

County of Kent

Observer Borough Engineer

River Basin 516279.2

Type of Gauge M.O. (+8) Showdow

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

Ref.

on 22.9

File No.

Diameter	8"						301	236		
Height	1' 0"						3	10*		
Altitude	80'						41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.35	2.42	3.85	(1.00)	(1.80)	(.70)	100 (1.80)	2.25	1.15	1.28
February	1.47	1.80	1.25	(1.50)	(1.00)	(1.80)	100 (2.00)	.88	.49	3.09
March	1.69	2.06	1.30	(.20)	(.75)	(1.60)	100 (3.10)	.64	.61	1.48
April	1.02	.63	1.08	(1.20)	(1.20)	(1.10)	100 (4.00)	.79	1.25	1.40
May	1.20	2.59	1.76	.33	(1.60)	(1.60)	1.02	1.31	1.61	1.44
June	.54	.54	1.21	1.94	(1.40)	(1.70)	2.75 2.10	2.10	.40	1.31
July	3.54	2.75	1.85	2.03	(1.60)	(2.80)	2.18	1.65	1.13	2.26
August	4.35	1.60	1.32	(1.40)	2.41	(3.30)	.40	3.25	.80	1.77
September	(.25)	2.14	1.21	(3.10)	(.70)	(2.40)	.89	2.21	3.04	1.66
October	2.09	3.16	1.21	(5.10)	1.25	(1.20)	.32	1.10	5.36	1.67
November	2.59	2.47	2.93	(3.80)	1.84	(3.00)	1.44	1.92	3.02	5.09
December	1.11	2.58	1.48	(1.40)	(2.50)	(2.10)	2.78	1.41	1.43	2.11
TOTALS	22.20	24.74	19.45	23.06	17.05	25.30	18.68 imp. inc.	19.51	20.29	22.56

1941 Sept. est'd.

1945. Standardized, self-recording gauge out of order. Disused. To start again in 1945

1947 imp. imp.

Inspected M.R. Approved 29.7.49. Gauge old 8" Showdow. Rim battered - wheel strengthened.

Copied in months no holes

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

RAINFALL at RAMSGATE (EAST CLIFF)

County of KENT

Observer BOROUGH ENGINEER,

River Basin STOUR & c.2

July 1954: 5" M.MARK II

Type of Gauge 1 SNOWDON

Nuthurst

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950
23.22 " " 35 " " 1916-1950 Ref. P
File No. E. 15888/53

Diameter	8"	8"		5"		301 030			5"		
Height	1' 0"	8"		1' 0			3		1' 0"		
Altitude	80'	80					51		80'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.14	1.94	1.99	1.68	3.61	4.85	1.14	2.37	1.72	2.71	23.15
February	4.57	1.52	1.60	2.25	1.80	2.11	2.78	2.51	1.05	1.45	20.64
March	2.41	2.26	1.35	2.34	1.72	1.57	1.13	1.51	1.23	1.46	14.58
April	1.81	1.40	1.93	1.19	1.22	1.00	1.35	1.28	1.77	0.91	8.36
May	1.63	1.13	1.69	1.98	3.50	1.63	1.91	1.43	1.41	2.39	15.70
June	1.76	1.47	1.87	1.59	1.67	1.89	1.63	1.39	1.34	1.96	19.57
July	1.45	1.71	2.81	2.13	3.43	1.34	2.54	2.49	3.09	2.32	22.36
August	2.62	2.92	1.97	3.08	1.13	2.67	1.71	3.36	2.03	1.96	23.85
September	3.32	5.01	3.12	1.91	1.92	1.33	2.73	2.73	2.26	3.16	23.49
October	1.48	1.91	2.34	1.79	6.85	1.32	1.91	3.57	2.79	6.90	29.86
November	2.72	3.34	1.62	3.92	1.82	1.81	1.49	1.54	5.11	3.48	27.85
December	2.02	2.24	1.28	1.36	1.98	1.60	1.20	3.65	4.84	3.19	23.36
TOTALS	27.93	24.75	20.57	23.22	27.65	19.87	20.12	31.83	24.64	31.89	252.14M
	D	D	D	D	D	D	D	D	D	D	

Insp. Mr Blackwell 21.5.53. Instrument beyond repair. Built Council minor in company repair.
 " Mr. Farrar 28.6.54. in poor condition: misaligned, 2 in. split in tube + hole at join with funnel.
 1954: New 5" M.MARK II gauge installed in July - at 1 ft. above ground.
 Insp. by D.C.E. Jones 19.6.56 - new bottle required.
 Insp. 1958. Obs. up to now has been sounding at 7 a.m. by the Clock Key yardage. Retained from May.
 Insp. Aug 14/10/60. C.J. JEFFERSON. Gauge 10 ft up to SE to red wall 250' away. Steep drop 80' to beach.
 Distress marks (27) 100' NW. Distress marks (47) 100' NN. New bottle is to be found.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 61/385648

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1956			Ramsgate	1 1/2 mi		

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
		✓	✓	✓ Nimp 69	✓ Nimp 69 ✓ 1941-50 ✓ 1951-60	✓ 1941-50 ✓ 1951-60