

RAINFALL AT Ramsgate West Cliffe Villas & Southwood Water Works

Lat. Lon. County of Kent East

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

2. Stone etc.,

W. Thomas Esq. C.E.

Diameter ..				5		6		6			
Height				10				10			
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	1.21	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 S S

1903 Christchurch Ch ^{350 yards} 500 ft NNE

SE + L.C. Stations $\frac{3}{4}$ mile NE + E

House 35 ft high 57 ft NNW

1901 Greenhouse 10 ft high 20 ft NNW.

Walls 8 ft high 14 ft W and E.

1906 St George's Church $\frac{1}{2}$ mile NE

1907 St Lawrence Ch $\frac{1}{3}$ mile N

" " Station $\frac{1}{2}$ " N

House & Lagoon Room ^{12 ft} 5 ft above top of gauge 59 ft E

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

Page
Reservoir
12 ft House 5 ft high 14 ft W and E

RAINFALL at Ramsgate Southwood Water WorksCounty of KentObserver W Thomson Esq C.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.	Total
January ...	2.62	1.57	2.40	2.74	1.15	2.81	.92	2.66	2.69	2.55		16.19
February ...	2.57	.89	.90	.69	1.47	2.81	3.60	.47	.61	1.93		8.82
March	1.37	2.08	2.64	1.93	4.24	1.13	2.99	1.49	.96	2.70		6.61
April	2.32	.97	.38	2.14	1.18	1.28	1.58	1.48	1.32	2.66		8.14
May	4.11	1.11	1.01	1.16	1.19	2.91	1.75	.58	1.73	.23		7.04
June	3.41	1.66	3.04	.89	1.24	.46	1.72	1.79	.87	.85		4.29
July	2.25	.32	1.82	1.90	3.56	1.97	1.64	3.71	3.60	3.27		5.23
August	2.84	.91	5.76	.92	70	2.00	2.54	6.47	.77	1.52		12.22
September ..	1.45	1.55	2.89	2.39	.52	3.34	1.29	.66	4.31	.99		11.30
October ...	1.43	5.66	3.00	3.97	3.37	2.56	4.05	2.79	2.14	1.74		7.25
November ..	3.94	4.00	1.81	2.45	3.24	3.30	3.54	1.37	2.20	2.93		10.72
December ...	3.38	3.69	2.05	1.26	5.35	5.19	2.79	2.10	1.75	2.74		10.04
TOTALS ...	31.69	24.41	27.70	22.44	27.21	29.76	28.41	25.57	22.95	24.11	26.425	101.04
	2	2	2	2	2	2	2	2	2	2		9.74

1910 Home + Engine Room 1911 high 59 ft E
 1916 New engine fixed Sep 15, 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	1/6 mile	N

RAINFALL at Ramsgate { East Cliff xii. 23
Southwood Water WorksCounty of KentObserver W. Thomson Esq. C.E.River Basin Stour & C. 2.R. H. Hutchins Esq.M. O.

Rain Gauge, by

Ramsgate Borough Engineer
Ramsgate Board Council

Totals

	Diameter ...	8											
	Height	1.0											
	Altitude ...	169				80	48						
Totals	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	Mean
18.20	January ...	2.16	1.64	2.39	1.46	1.77	.93	1.45	1.43	2.04	1.07	1.86	1.65
16.68	February ...	.60	.65	1.22	2.25	.89	2.52	2.28	3.14	.84	.98	1.28	1.52
12.03	March .....	.50	.93	1.59	1.01	.87	1.19	.19	1.80	1.84	.30	1.81	1.09
19.16	April	2.17	1.03	1.71	1.28	1.96	2.04	2.72	1.58	2.34	.89	1.44	1.74
20.46	May	1.10	.94	.48	3.09	3.61	1.81	1.13	.78	3.40	.80	3.02	1.86
16.85	June	1.01	.20	1.74	.66	1.67	.72	3.08	3.31	2.20	.96	1.20	1.53
20.89	July	2.06	.12	1.89	.39	2.38	2.19	1.99	5.69	.91	.71	2.56	1.90
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	2.03
22.91	September...	3.38	.62	3.69	.78	3.12	2.82	.66	2.27	1.65	.38	3.57	2.08
27.35	October .....	.92	.98	2.78	4.68	3.73	2.04	3.76	1.00	3.35	3.04	1.07	2.49
30.36	November...	.62	1.74	1.03	(2.00)	2.19	3.66	5.21	2.18	4.46	3.46	3.81	2.76
25.57	December...	2.62	1.04	2.12	2.40	1.71	2.42	.80	3.24	3.12	4.40	1.70	2.33
252.82	TOTALS...	19.21	10.93	23.00	(21.58)	25.60	23.82	25.72	30.11	28.81	18.79	25.75	22.98
		D	D	D	D	D	D	D	D	D	D	D	D

1923. Dec. Gauge moved to East Cliff

1929. Stem, Seven 5' high 10' N.

1923/Nov. total estimated from nearby Stations 22.76

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 20'	1° 25'	St. Lawrence	1/2 mi	N	St. Lawrence	1/3 mi	N

RAINFALL at Ramsgate (East Cliff) (+A) N.W.R.County KentObserver Borough Engineer.River Basin Stour + c 2Type of Gauge N.O. +A

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

Diameter	8					8"						
Height	1.0					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	4.24	2.22		25.83
February	1.92	.51	.70	0.21	2.04	2.16	3.52	.65	2.86	1.63		14.20
March	.20	1.00	.88	2.37	.11	.88	3.78	.51	4.95	2.51		14.19
April	2.52	1.73	.63	1.50	2.70	1.13	2.01	.93	2.54	1.08		16.77
May	1.93	2.26	1.08	1.63	1.78	.20	3.23	1.86	2.04	.27		16.28
June	.55	.54	1.97	.93	2.30	3.25	2.74	1.31	1.03	.19		14.81
July	3.41	2.62	1.61	1.92	.32	3.69	1.07	2.22	1.93	(3.10)		21.9
August	3.06	.89	.54	2.12	3.33	1.31	1.23	3.06	1.84	(.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	.74	5.86	1.77	2.12	2.22	2.02	2.72	2.58	11.59	(2.80)		34.42
November	2.00	.70	2.46	1.64	3.52	3.44	1.07	2.13	4.63	(5.00)		26.59
December	.58	.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	22.55		246.6
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

Experimental rain gauges were set up 110 yds NE + ENE of obsolete tower in railway
Bakers Recreation Ground May 1933, for details of catch see Ramsgate Greenfile.
1935. Inspected 11/6/35. gauges 3 1/2 ft. from main runways, 5 ft. high, gauges
moved 9/8/35 to position 9 ft. from runways.
Comparative readings commenced at Jacky Bakers ground Sept 24. See notes
for monthly values of readings from comparative sites on over.
1936. Inspected 18.9.36.

Capitulated 301
Archibalds. Hobbs

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

RAINFALL at *Barnsgate (East Cliff)*

41

County of *Kent*Observer *Borough Engineer*River Basin *Stour & A.*Type of Gauge *M.O. (A) Standard*

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

ex 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	Means	
January	2.35	2.42	3.85	(1.00)	(1.80)	(.70)	(1.50)	2.25	1.15	1.28		Total 12.30
February	1.47	1.80	1.25	(1.50)	(1.00)	(1.80)	(1.20)	.88	.49	3.09		14.58
March	1.69	2.06	.30	(.20)	(.75)	(1.60)	(3.10)	.64	.61	.48		11.43
April	1.02	.63	1.08	(1.20)	(1.20)	(1.10)	(4.50)	.79	1.25	1.40		10.67
May	1.20	2.59	1.76	.33	(1.60)	(1.60)	1.02	1.31	1.61	1.44		14.52
June	.54	.54	1.21	1.94	(.40)	(1.70)	2.75	2.10	.40	1.31		12.89
July	3.54	2.75	1.85	2.03	(1.60)	(2.80)	2.18	1.65	1.13	2.26		21.7
August	4.35	1.60	1.32	(1.40)	2.41	(5.30)	.40	3.25	.80	1.77		22.60
September	(.25)	2.14	1.21	(3.10)	(.70)	(2.40)	.89	2.21	3.04	1.66		17.60
October	2.09	3.16	1.21	(5.10)	1.25	(1.20)	.32	1.10	5.36	.67		21.46
November	2.59	2.47	2.93	(3.80)	1.84	(3.00)	1.44	1.92	3.02	5.09		28.10
December	1.11	2.58	1.48	(1.40)	(2.50)	(2.10)	2.78	1.41	1.43	2.11		18.90
TOTALS	22.20	24.74	19.45	(23.06)	(17.05)	(25.30)	(13.68)	19.51	20.29	22.56		212.84
	<i>2</i>	<i>2</i>	<i>4</i>	<i>np</i>	<i>np</i>	<i>np</i>	<i>np</i>	<i>2</i>	<i>2</i>	<i>2</i>		<i>10</i>

*1941 Sept. est'd.**1944. St. impugned. Self recording gauge out of order. Observed. To start again in 1945**1947 np imp.**Inspected Mr. Arnold 29.7.49. Gauge old 8" Standard. Rim battered - to be replaced.**Copied up from the notes*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

Station No.

300

M.W.R.

RAINFALL at RAMSGATE (EAST CLIFF)County of KENT

Observer

BOROUGH ENGINEERRiver Basin STOUR & C2Type of Gauge SNOWDONWINDMILL

Annual Average in based on years obs. un-weighted.

Period of average

Ref

23.22 " " 35 " 1916-1950

1916-1950

File No. E. 15888/53

Diameter	...	8"	8'		5"		30	236		5'		
Height	...	1' 0"	8"		1' 0			3		1' 0 1/2"		
Altitude	...	80'	80					5'		80'		
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	2.14	1.94	.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	2.57	.05	1.45	20.64
March	...	2.41	2.26	.35	2.34	1.72	.57	.73	1.51	1.23	1.46	14.58
April	...	1.81	.40	.93	.19	.22	.70	.35	1.28	1.77	0.91	8.56
May	...	1.63	1.13	1.64	1.98	3.50	.63	.91	1.43	.41	2.39	15.70
June	...	1.76	1.47	1.87	1.59	1.67	1.89	.63	5.39	1.34	1.96	19.54
July	...	1.45	.71	2.81	2.13	3.43	1.34	2.54	2.49	3.09	2.32	22.86
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	.91	.92	1.33	2.73	2.73	.26	3.16	23.49
October	...	1.48	1.91	2.34	1.79	6.85	1.32	.91	3.57	2.79	6.90	29.86
November	...	2.72	3.34	1.62	3.92	.82	.81	4.49	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	252.47
		D	D	D	D	D	D	D	D	D	D	

Insp. 17/11/53. Blackwell 21.5.53. Instrument beyond repair. Bull Council night in temporary repair.
 " Mr. Farrer 28.6.54. " Poor condition: misshape, 2 in. split in tube & hole at join with funnel.
 1954. New 5 inch Mark II gauge installed in July - at 1 ft. above ground.
 Insp. by D.C.E. Jones 19.11.56 - new bottle required.
 Insp. 1958. Obs. up to now has been weathering at 9 a.m. by the clock the year through. Returned from May.
 Insp. 14/10/60. G.T. JEFFERSON. Gentle slope to SE to sea wall 200' away. Slope drop 80' to beach.
 Dist. to house (27) 100' NW. Dist. to house (47) 104' NW. New bottle 20' 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 Direction from gauge	Parish Church	Distance Direction from gauge
1956			Ramsgate	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
	✓	✓	✓ N.P. Imp 68	✓ N.P. Imp 68	✓ N.P. Imp 68
	✓	✓	✓	✓	✓