

RAINFALL at Rugate Wray Park RoadCounty of SurreyObserver Mr. F.W. HedgesRiver Basin Thames. Mole 5Grid Aft. Rain Gauge, by Littton Som Reading

Diameter ...			5								
Height		(<u>6</u>)	3.0								
Altitude ...			281 ft								600
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			2.98	4.54	.91	4.55	1.74	1.55	3.65	4.06	<u>Sum 16</u> 11.00
February ...			2.59	1.29	5.02	5.04	5.07	1.24	1.69	2.67	10.67
March			4.78	2.72	5.11	.71	6.33	2.12	.90	4.41	12.76
April11	3.48	1.19	1.40	1.43	3.00	4.10	3.80	12.33
May			1.42	2.21	1.34	2.99	3.03	1.65	1.47	.16	631
June			4.08	.60	.71	1.03	2.39	1.68	.78	.87	572
July			1.55	2.91	2.13	4.17	1.12	4.65	5.24	2.15	13.16
August			6.55	2.32	1.05	1.82	3.66	6.19	1.25	2.54	13.64
September ..			3.50	1.88	1.14	2.79	1.86	2.05	5.52	1.19	10.62
October ...			3.41	4.54	1.73	2.53	5.47	3.85	1.67	.79	11.78
November ..			3.04	3.04	4.51	3.01	6.23	1.76	2.51	2.10	12.60
December ...			4.00	1.70	8.80	6.60	3.10	2.84	2.79	4.91	13.64
TOTALS ...			38.01	31.13	33.64	36.64	40.43	32.58	31.57	29.65	

1912 Greenhouse 9 ft High 26 ft N
 Apple Tree 15 ft 25 ft S
 Hedge 6 ft 35 ft E + W

134 23

+ Inspected by H.B.C. 19.IX.13. Gauge securely fixed at 4 ft. above ground
 to avoid shelter from trees. Suggested he move it some 10 ft. or so
 and place at 1 ft. above ground.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51°	13 4	Rugate		1/2 mi	SW	St Marks	1/2 mi	

RAINFALL at Reigate Gray Park Road

County of Surrey

Observer Mr. F. H. Hedges

River Basin Thames - Mole 5-

1929 M. P. Pattern.

W. J. Mac Andrews Esq., 1923.

B. A. Rain Gauge, by M.O.

Diameter ...	6"									6"			
Height	1 0		1 3							1 0			
Altitude ...	281		330							330			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
35.42	January ...	3.59	3.20	3.52	1.71	3.06	3.41	3.92	2.91	4.64	1.70	3.76	3.22
23.55	February ...	69	.16	2.67	4.05	.83	4.50	2.35	4.83	2.03	.50	.94	2.14
19.54	March	1.93	1.58	2.58	1.97	1.86	.76	.39	4.04	2.34	.02	2.07	1.78
30.55	April	3.43	1.25	3.64	2.33	3.72	3.51	4.45	2.26	2.08	1.05	1.83	2.78
23.47	May	1.04	1.54	.85	2.93	3.81	2.68	2.06	1.24	2.04	2.61	2.77	2.13
21.21	June	1.51	.09	1.57	.45	3.07	.22	4.51	5.02	2.76	1.58	.48	1.93
31.02	July	5.55	.19	3.28	3.80	3.77	4.04	2.01	2.86	1.45	1.88	2.89	2.82
30.21	August	1.66	1.42	2.10	2.34	3.81	2.71	2.46	5.56	2.64	2.81	3.37	2.75
26.30	September...	3.48	1.03	1.67	1.82	3.46	2.97	1.01	5.79	.42	.15	3.99	2.39
34.24	October.....	1.09	1.07	1.05	7.06	3.84	3.84	2.42	2.36	6.08	3.71	1.42	3.11
39.88	November...	2.05	1.76	2.12	1.99	3.63	3.30	6.53	3.22	2.88	7.85	5.05	3.63
39.87	December...	2.92	1.98	4.68	3.19	4.18	3.38	.54	5.05	3.62	7.93	2.40	3.62
355.26	TOTALS...	28.94	15.27	29.93	33.64	39.04	35.32	32.65	44.94	32.62	30.64	31.27	38.30

1920. Inspected 1913.

1923. Greenhouse 10 ft. high 18° N. by W.

21-303213

1929 Inspected 2/3 by 93. See Green file and file 815975/28

1930. Obs says gauge stands in open field - site approved by Dr. Glascopole.
G. read 9 a.m. winter + summer.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 14' 30"	0° 11'	Reigate	1/2 mi	N	St. Marks	1/2 mi	W.S.W.

RAINFALL at Reigate (Way Park Road)

County of Surrey Observer W. J. Mac. Andrew, Esq.

River Basin Thames - Macc.5

Type of Gauge A. O.

24.8

Annual Average 38.5 in. based on 10 years obs. un-weighted. Period of average 1921 - 1935 Ref. 815975/18
revised 6139 see § 815975/28 (Rev. 26A)Average weight in mm.
Station No.

Diameter	5										
Height	1.0										
Altitude	330										+ 317?
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.33	3.10	2.39	2.37	1.88	5.41	3.78	3.61	3.71	2.60	34.98
February	2.22	5.4	2.79	3.4	3.82	1.98	4.79	1.89	1.67	2.59	21.63
March	3.4	1.48	3.93	2.66	6.3	1.79	3.64	1.37	1.66	3.28	19.78
April	5.02	2.37	.69	2.65	3.62	2.02	3.46	1.11	2.99	2.54	25.47
May	3.12	4.43	2.29	1.58	1.97	5.5	2.41	1.91	1.58	1.71	20.55
June	1.56	1.68	1.81	1.82	4.90	3.61	1.95	1.65	1.36	.27	18.61
July	2.99	2.43	1.70	2.20	1.83	4.28	1.37	2.09	2.53	2.53	22.95
August	5.05	1.74	1.85	2.04	3.97	1.59	1.50	2.42	3.03	.09	20.28
September	2.09	2.04	2.83	1.79	4.28	2.06	1.99	2.59	2.03	1.82	23.52
October	1.62	6.82	2.33	2.46	4.08	2.05	3.32	3.46	6.71	3.35	35.20
November	3.64	1.41	1.04	3.17	5.92	4.68	2.11	4.29	5.58	8.35	40.19
December	.85	1.67	.61	8.08	4.26	3.72	4.22	4.01	1.85	1.83	30.10
TOTALS	29.83	24.71	23.26	29.16	39.66	33.04	36.54	26.40	36.70	30.96	313.26

1933. Gauge placed on quite open site in a paddock.

1936 Tree 20 ft. high 39° S.S.E.

1937 Greenhouse 13' high 49° S.

1 rec. value for 1930 shown on the 1931-32 rainfall.

5/98

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	Direction
1931			Reigate	5/8 m.	W. S. W.	St. Marks	1/2 m.	W.
1938			"	1/5	S.W.	-	"	WSW

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

Station No. 120.04

RAINFALL at Reigate (Wavyn Park Road) ✓

41

County of Surrey

Observer W.T. MacAndrew, Esq.,

River Basin Thames. Mole &c. S.

Type of Gauge. D.A.O.

Annual Average 20.6 in. based on years obs. un-weighted. Period of average..... Ref.....

revised 5/39

see p. 815975/26 encl. 26.A.

File No. 815975/28

Diameter	5"		285	213							
Height	1' 0"				1						
Altitude	330'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.48	3.30	6.22	2.44	2.50	3.17	2.40	4.58	1.35	1.24	29.65
February	3.24	.86	1.78	.99	2.14	2.65	1.60	2.32	1.42	5.39	22.39
March	3.75	1.93	4.45	1.14	1.42	1.56	6.23	.86	1.25	1.58	19.19
April	1.52	1.68	1.16	1.89	1.35	2.87	2.22	1.91	2.02	3.46	20.08
May	1.95	3.58	2.82	.54	1.94	2.70	1.74	1.69	2.13	1.60	20.69
June	2.56	.11	2.37	1.60	2.12	2.74	2.59	2.91	.73	1.75	19.48
July	3.24	2.20	1.86	2.54	3.20	3.27	1.11	1.48	.94	3.07	22.91
August	4.37	3.07	1.26	2.50	1.90	5.00	.43	4.51	1.25	2.53	26.82
September	.36	2.46	1.86	2.41	2.25	3.52	1.34	1.73	.53	2.36	19.82
October	1.44	4.10	3.70	4.51	4.59	1.06	.27	2.17	7.26	.25	29.35
November	3.53	1.88	2.11	5.24	.30	5.23	1.23	2.35	2.82	6.95	31.64
December	2.79	3.80	2.14	2.51	3.77	3.25	2.81	4.21	1.67	2.16	29.17
TOTALS	31.23	28.97	27.73	27.31	27.48	37.02	23.97	30.80	23.37	33.31	291.19

qb
257.88Position 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

285213

Station No. 120 m.

RAINFALL at REIGATE (Way Park Road)

51

County of Surrey

Observer W. J. MacAndrew Esq.

River Basin Thames - Mole S.

Type of Gauge M.O.

Annual Average 99.8 in. based on (7) years obs. un-weighted. Period of average

(See file 1, sec 26a)

31.26 in " " 35 " " 1916-1950

Ref. P

File No. 815075/28

Diameter	5"		265	213							
Height	1' 0"				1						
Altitude	330'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.80	2.44	1.67	1.60	3.61	4.66	2.44	3.06	3.46	3.16	29.89
February	6.78	.90	1.54	2.32	1.76	.89	4.40	2.58	.11	2.31	23.09
March	3.73	3.39	.42	2.61	1.51	.91	1.50	1.90	2.27	1.93	20.17
April	3.25	1.67	2.53	.44	.37	2.08	.24	1.05	2.68	0.87	15.18
May	2.67	1.67	1.84	2.58	4.04	.29	1.46	2.45	.87	1.57	19.38
June	1.29	1.74	1.88	5.12	2.05	3.08	1.08	3.72	1.92	1.46	23.34
July	2.59	.78	3.88	3.47	1.83	4.08	4.09	1.75	.89	3.34	26.70
August	4.64	2.97	1.73	2.98	1.32	2.79	2.79	3.22	1.13	3.12	26.69
September	3.14	2.66	3.54	2.08	1.92	2.91	2.79	6.56	.13	3.35	29.08
October	1.07	3.43	4.17	2.56	4.67	1.28	1.92	3.60	3.21	6.72	32.63
November	7.16	3.45	1.79	5.77	1.40	.96	2.97	2.33	3.31	5.39	34.53
December	3.07	2.86	.67	1.99	2.86	4.19	2.32	3.78	5.34	3.51	30.59
TOTALS	43.19	27.96	25.66	33.52	27.34	27.62	28.00	36.00	25.31	36.67	311.27
	D	D	D	D	D	D	D	D	D	D	

GB

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (5.1) 262511

Date.	Lat. N.	Long.	Railway Station.	Distance 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
	1912	✓	✓	✓	✓