

RAINFALL at Resgate Wray Park RoadCounty of SurreyObserver Mr. F. W. HodgesRiver Basin Thames-MolereRain Gauge, by Littor & Sons Reading

Diameter ...			5									
Height .....			3.0		1.0							
Altitude ...			281							<del>600</del>		
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	11.00	11.00
February ...			2.59	1.29	5.02	5.04	5.07	1.24	1.69	2.67	10.67	10.67
March .....			4.78	2.72	5.11	.71	5.33	2.12	.90	4.41	12.76	12.76
April .....			.11	3.48	1.19	1.40	1.43	3.00	4.10	3.80	12.33	12.33
May .....			1.42	2.21	1.34	2.99	3.03	1.65	1.47	.16	6.31	6.31
June .....			4.08	.50	.71	1.03	2.39	1.68	.78	.87	5.72	5.72
July .....			1.55	2.91	2.13	4.17	1.12	4.65	5.24	2.15	13.16	13.16
August .....			6.55	2.32	1.05	1.82	3.66	6.19	1.25	2.84	13.64	13.64
September ..			3.50	1.88	1.14	2.79	1.86	2.05	5.52	1.19	10.62	10.62
October ...			3.41	4.54	1.73	2.53	5.47	3.85	1.67	.79	11.78	11.78
November ..			3.04	3.04	4.51	3.01	6.23	1.76	2.51	2.10	12.60	12.60
December ...			4.00	1.70	8.80	6.60	3.10	2.84	2.79	4.91	13.60	13.60
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 " " 35 " S  
 Hedge 6 " " 35 " E+W

134.23

+ Inspected by H.B.L. 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° 4'	13 W	Resgate	1/2 m	SW	St. Mark	1/2 m	

RAINFALL at Regate, May Park RoadCounty of SurreyObserver Mr. F. R. HedgesRiver Basin Thames - Mole 5H. J. Mac Andrew Esq. 1923.1929 M.O. Pattern.B. A. Rain Gauge, by M.O.

Diameter ...	5"									5"		
Height .....	1 0		1 3							1 0		
Altitude ...	281		330							330		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930	
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
February ...	.69	.16	2.67	4.05	.83	4.50	2.35	4.83	2.03	.50	.94	2.14
March .....	1.93	1.58	2.58	1.97	1.86	.76	.39	4.04	2.34	.02	2.07	1.78
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
May .....	1.04	1.54	.85	2.93	3.81	2.68	2.06	1.24	2.04	2.51	2.77	2.13
June .....	1.51	.09	1.57	.45	3.07	.22	4.51	5.02	2.76	1.53	.48	1.93
July .....	5.55	.19	3.28	3.80	3.77	4.04	2.01	2.86	1.75	1.88	2.89	2.82
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
September...	3.48	1.03	1.87	1.82	3.46	2.97	1.01	5.79	.73	.15	3.99	2.39
October .....	1.09	1.07	1.05	7.06	3.84	3.84	2.42	2.36	6.08	5.71	1.72	3.11
November...	2.05	1.76	2.12	1.99	3.63	3.30	6.53	3.22	2.88	7.35	5.05	3.63
December...	2.92	1.98	4.68	3.19	4.18	3.38	.54	5.05	3.62	7.93	2.40	3.62
TOTALS...	28.94	15.27	29.93	33.64	39.04	35.32	32.65	44.94	33.62	50.64	31.27	32.30

1920. Inspected 1918.

1923. Greenhouse 10 ft high 19 ft N. by W.

1929 Inspected 21/3 by J.B. See Green Hills and Hills 815975/28

1930. O.B. says gauge stands in open field - site approved by Dr. Glasspool.  
Y. read 9 a.m. with + 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'	Regate	1/2 mi	W	St. Marks	1/2 mi	W.S.W.
				3/4 mi	S.W.	St. Marks	1/2 mi	W.S.W.



RAINFALL at Reigate (Wray Park Road)County of SurreyObserver W. J. Mac Andrew, Esq.River Basin Thames - Mole & C.5Type of Gauge M.O.

24.8

Annual Average 38.5 in. based on 16 years obs. un-weighted. Period of average 1891-1915 Ref. 317?revised 5139  
see 5.815975125 em. 26A)

815975/28

Diameter	5											
Height	1.0											
Altitude	330											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.33	3.10	2.39	2.37	1.38	5.71	5.78	3.61	5.71	2.60	34.98	
February	2.22	.54	2.79	.34	3.82	1.98	4.79	.89	1.67	2.59	21.63	
March	.34	1.48	3.93	2.66	.63	1.79	3.64	.37	1.46	3.28	19.78	
April	5.02	2.37	.69	2.65	3.62	2.02	3.46	.11	2.99	2.54	25.47	
May	3.12	4.43	2.29	.58	1.97	.55	2.41	1.91	1.38	1.71	20.55	
June	1.56	1.68	1.81	.82	4.90	3.61	1.95	.65	1.36	.27	18.61	
July	2.99	2.43	1.70	2.20	.83	4.28	1.37	2.09	2.53	2.53	22.95	
August	5.05	.74	.85	2.04	3.97	.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	.62	6.82	2.33	2.46	4.08	2.05	3.32	3.46	6.71	9.35	35.20	
November	3.64	1.41	1.04	3.17	5.92	4.68	2.11	4.29	5.88	8.35	40.19	
December	.85	.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	37.66	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' SSE.

1937 Greenhouse 13' high 49' S.

1 see 1090 for 1940. Average recorded 26 inches 21.5-24.0.

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
1931			Reigate	$\frac{5}{8}$ m.	W. S. W.	St. Marks	$\frac{1}{2}$ m.	W.
1938			"	$\frac{3}{5}$	S. W.	"	"	W. S. W.

## RAINFALL at Reigate (Wray Park Road)

41

County of Surrey

Observer W.T. MacAndrew, Esq.

River Basin Thames-Mole S.C. 5

Type of Gauge. M.O.

Annual Average 29.2 in. based on years obs. un-weighted. Period of average.

Ref

revised 5/39  
see J. 815975/28 encl. 2b.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	1.21	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	.45	.14	1.42	1.56	6.23	.88	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	2.20	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	1.08	2.11	5.24	.30	5.23	1.23	2.35	2.82	6.95	31.64	
December	2.79	3.20	2.14	2.51	2.77	3.25	2.81	4.27	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	✓
	D	D	D	D	D	0	D	D	D	D	D	257.83

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

RAINFALL at REIGATE (Wray Park Road)

51

County of Surrey

Observer H. J. MacAndrew Esq.

River Basin. 5. Thames - Mole &amp; S.

Type of Gauge. M.O.

Annual Average 29.8 in. based on (7) years obs. un-weighted. Period of average 1916-1950 Ref. P

31.26 in " 35 " " 1916-1950

File No. 815475198

Diameter ...	5"			285	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	3.45	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	.24	1.46	2.45	.87	1.51	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	3.57	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	

9B

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference (51) 262511

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	16 1912	✓	✓	✓	
	✓	✓ b. rd. 22425	✓	✓	