

RAINFALL AT Rugate The Gas Works

Lat. _____

Lon. _____ County of Surrey

Rain Gauge, by _____

Observer J C Bayard Esq5/ Shanes. Mole.W H Price

Diameter ...										10
Height										1 0
Altitude ...										275
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...										1.26
February61
March										3.62
April										1.92
May										1.87
June										2.74
July										3.97
August										2.36
September ..										3.46
October ...										4.54
November ..										.99
December ...										3.89
TOTALS ...										31.23

RAINFALL at Reigate The Gas Works

County of Surrey

Observer W H Price Esq

River Basin Thames - Mole 5

72 Bayard's
71 Smith 1918

Rain Gauge, by

Diameter ...	8			10							
Height	1	0									
Altitude ...	275								290		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.36	1.43	2.87	4.33	.77	4.22	1.23	1.37	3.06	3.98	2562
February ...	3.73	1.42	2.20	1.22	4.88	5.22	5.05	.99	1.38	2.44	2856
March	1.21	2.14	4.86	2.90	5.04	.74	4.62	1.92	.99	3.81	2823
April	1.71	2.01	.05	3.16	1.14	1.30	1.24	2.63	3.78	3.09	2011
May	2.22	3.42	1.48	1.95	1.38	2.86	2.67	1.68	2.07	.21	1994
June.....	2.24	2.89	3.53	.48	.54	.82	2.01	1.52	.68	.88	1559
July	3.07	.31	1.47	4.16	2.39	4.05	1.02	4.13	4.05	2.08	3273
August	3.01	.48	5.89	1.96	1.27	1.79	3.56	5.83	1.93	2.32	2804
September ..	.86	1.27	3.29	2.01	1.03	2.67	2.04	1.90	5.52	1.28	2187
October ...	2.66	4.25	3.10	4.47	1.98	2.53	6.09	3.32	1.35	.60	2935
November ...	4.02	5.00	2.75	2.76	4.00	2.86	5.53	1.47	2.48	1.51	3238
December ...	3.86	7.11	3.31	1.42	8.48	6.45	3.15	(2.00)	2.48	4.70	
TOTALS ...	30.95	31.73	34.80	30.82	32.90	35.51	37.24	37.76	29.77	26.90	
	D	D	D	D	D	D	D	D	D	D	

† Inspected by H. E. 19. IX. 13. Gauge in garden adjoining the works.

Fair exposure. Mr. Price promised to cut away shrubs near by.
1918 London 6 ft Rgh 6 ft SW

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Reigate	1/4 mile	E			
1918	51.4	0.4	Reigate	78 m	N E	St Marks	2 m	N E

ThursoRAINFALL at Reigate The Gas Works (renamed Thurso 1922)County of SurreyObserver F. S. Smith Eng.River Basin Thames - Mole St.Gauge Reigate Rain Gauge, by _____

T. 100

Diameter ...	8												
Height	1	0											
Altitude ...	270			290	270								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	Urgent
30.51	January ...	2.62	2.61	3.44	1.61	3.01	2.85	3.29	2.43	3.62	1.55	3.58	2.71
22.47	February51	.18	2.27	4.10	.91	3.92	3.05	4.57	1.59	.46	.92	2.04
16.30	March	1.64	1.38	2.16	1.95	1.57	.68	.33	3.43	1.40	.02	1.74	1.48
27.93	April	3.94	1.10	0.20	2.26	3.42	3.35	4.49	2.37	1.81	.89	1.10	2.54
21.36	May97	1.70	.78	2.77	2.80	2.76	1.81	1.19	2.01	2.08	2.49	1.94
20.11	June	1.77	.09	1.59	.32	3.16	.18	3.72	4.66	2.86	1.24	.52	1.83
27.94	July	4.81	.13	2.23	3.25	3.23	4.00	2.17	2.56	1.56	1.49	2.51	2.54
28.79	August	1.92	.83	2.66	2.29	3.59	2.90	2.25	5.01	2.40	2.06	2.88	2.62
24.09	September...	4.55	.54	1.55	1.08	3.16	2.71	.95	5.16	.44	.13	3.79	2.19
30.69	October.....	1.33	1.02	.84	5.79	3.81	3.28	2.02	1.84	6.09	3.81	1.36	2.79
35.12	November...	1.62	1.91	2.13	1.60	3.05	3.08	5.89	2.71	2.26	6.68	4.34	3.19
36.04	December...	2.13	1.69	4.65	3.06	4.60	3.04	.03	4.58	3.15	7.04	2.07	3.28
32.135 29.105	TOTALS...	27.71	13.18	27.50	30.08	36.31	32.75	30.00	40.51	29.12	26.89	27.30	29.21

1920 Fowl House 7th High St. S.W.

Gauge Inspected - 1913.

1922. Gauge in garden of residence at Gas Works. Gas is not now manufactured so name of station has been changed by Observer.
Inspected 2/8/29 See green file.

1930. G. read 9 a.m. G.M.T. and 9 a.m. B.S.T.

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° 7/4	0° 1/4	Reigate	440 Yds	E	St. Marks	1160	N.E.
1930				3 fm	"	Reigate	1 fm	E

RAINFALL at Reigate (Thurs.)

County of Surrey Observer F.S. Smith, Esq.

River Basin Thames - Middle 5

Type of Gauge Spoutisher

Annual Average 28.8 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S

673345/26

Diameter	8	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	10											
Altitude	270											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.76	2.30	2.60	2.16	1.20	5.54	5.46	3.42	4.98	2.38	3.180	
February	2.12	5.3	2.68	3.7	3.64	2.09	4.50	1.89	1.41	2.75	2.098	
March	1.52	1.51	3.51	2.43	1.14	1.83	2.32	2.6	1.54	3.18	1.924	
April	4.71	2.46	1.64	2.71	3.48	1.91	3.26	1.09	2.84	2.15	2.405	
May	3.00	4.82	2.14	1.53	1.74	1.65	2.45	1.87	1.36	1.72	2.028	
June	1.87	1.61	1.75	1.84	4.37	4.15	2.02	1.64	1.10	1.36	1.821	
July	3.06	2.59	1.74	2.82	8.3	4.03	1.27	2.18	2.43	2.30	2.325	
August	5.27	.84	.93	2.00	3.74	1.65	1.11	1.93	2.89	.03	1.939	
September	1.51	2.08	2.70	1.69	4.39	2.24	1.96	2.36	1.85	1.65	2.243	
October	1.70	7.09	2.51	2.23	4.16	1.98	3.33	3.27	6.61	2.80	3.468	
November	3.49	1.64	1.98	3.13	5.70	4.79	2.34	3.37	5.94	7.58	3.896	
December	1.73	1.66	1.50	1.46	4.13	3.20	3.58	3.83	2.01	1.67	2.777	
TOTALS	28.24	28.13	22.68	28.37	38.52	33.06	34.60	24.11	34.76	28.57	30.104	118

1931. Fowl house 7' high, 8' N.W.

1936. Fowl house 7' high, 24' N.W.

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
1934.			Reigate	3/4 m.	E.	Reigate	1 m.

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

Station No. 122

RAINFALL at Reigate (Surrey)

County of... Surrey

Observer J. S. Smith, Esq. died 1942.

River Basin Thames. Miles 9.5

Type of Gauge. Glass

Annual Average 28.8 in. based on 8 years obs. un-weighted. Period of average 1931-1945 Ref. I.W.S.

File No. 673345/2b

Diameter	8"										
Height	1' 0"	1' 8"									
Altitude	270'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.45	3.32	5.93								
February	3.26	1.36	1.67								
March	3.47	1.86	1.42								
April	1.73	1.61	1.08								
May	1.77	3.50	2.80								
June	2.28	.09	2.11								
July	3.24	1.98	1.76								
August	4.29	2.71	1.29								
September	.40	2.41	2.01								
October	1.25	4.08	3.77								
November	3.43	1.71	1.89								
December	2.46	3.49	2.08	#							
TOTALS	30.03	28.12	26.81								
	D	D	D								

1941. Poul house 7 High 24' NW.

	1910-19	1920-30	1931-40	1941-50
Record	✓	✓	✓	1943
Draw	✓	✓ bnd 23,25	✓ bnd 37-39	✓

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
1941			Reigate	3/4 mile	E	Reigate	1/2 mile E