

RAINFALL AT Walton-on-the-Hill, Walton Manor

Lat. _____

Lon. _____

County of Surrey

Rain Gauge, by Ruggell's gauge Observer Mr. J. Millisham
5/ Thames. Mole.

Diameter ...	5			5							
Height	1 0			1 0							
Altitude ...	600			600							
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...				2.61	4.83	1.38	5.27	.97	1.96	1.18	
February ...				1.89	3.67	.73	2.41	1.92	1.16	.73	
March				3.25	.82	3.61	1.40	.91	3.02	4.09	
April				2.30	1.52	1.62	.41	3.89	2.67	2.11	
May				2.85	2.01	.86	1.48	2.36	2.26	1.57	
June				5.74	2.63	5.02	2.45	1.92	2.08	3.56	
July				5.15	.95	.58	.39	1.46	4.19	3.55	
August				5.11	1.71	2.87	.65	2.53	4.09	2.61	
September ..				3.42	1.49	2.63	1.71	.57	1.57	3.87	
October ...				7.89	2.29	1.47	4.15	5.19	2.51	5.81	
November ..				2.61	1.72	4.65	5.09	3.15	.95	.89	
December ...				2.43	2.58	.70	2.20	3.65	3.09	4.09	
TOTALS ...				45.25	27.12	26.18	27.67	28.52	29.55	34.06	

St. Peter's Church Walton 200 yds. E.

Tadworth Station 1 mile N.E.

Recd. 5. I. 11 Entd. 13. V. 12

RAINFALL at Walton-on-the-Hill Walton ManorCounty of Surrey Observer Mr. J. MillikampRiver Basin Thames. Mole 5 Mr. J. W. DudleyRain Gauge, by N43

Diameter ...	5										
Height	1 0										
Altitude ...	600										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.52	1.70	3.39	4.21	.81	4.57	1.38	1.49	3.45	4.41	2.793
February ...	4.19	1.64	2.45	1.18	4.73	5.46	5.19	1.07	1.52	2.63	2.996
March	1.45	2.09	4.50	2.96	4.82	.75	4.85	1.91	1.12	4.04	2.849
April	1.79	2.07	.05	2.89	.93	1.46	1.19	2.60	3.81	3.52	2.031
May	2.17	2.92	1.38	2.28	1.36	2.95	2.28	1.59	1.95	.15	1.903
June	1.89	2.74	3.49	.35	.96	.82	2.18	1.78	.97	1.12	1.630
July	3.08	.58	1.79	2.72	1.98	4.85	1.39	4.68	5.45	2.23	2.875
August	2.97	.91	6.79	2.77	1.71	2.19	3.32	6.37	1.25	2.58	3.086
September ..	.91	1.05	3.92	1.99	.98	2.56	1.72	2.25	5.29	1.91	2.258
October ...	3.44	4.38	3.17	4.53	1.82	2.51	5.01	3.97	1.73	.79	3.135
November ..	3.66	4.62	2.30	3.13	4.07	3.03	5.99	1.54	2.87	1.88	3.309
December ...	4.89	7.10	3.46	1.28	9.09	6.41	3.23	2.10	2.60	4.81	4.497
TOTALS ...	32.96	31.70	36.69	30.29	33.26	37.56	37.73	31.35	32.01	30.07	33.362

1916 Wall 9 ft high 12 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Tadworth	1 Mile	NE	Walton	300 yds	E

RAINFALL at Walton on the Hill Walton ManorCounty of SurreyObserver Mr. J. Mullishamp Esq.River Basin Thames - Mole 5Snowdon Rain Gauge, by N. 9. 5

	Diameter ...	5"												
	Height	1 0												
	Altitude ...	600												
<u>1920</u>	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930		Means
32.35	January ...	3.22	2.43	3.65	1.74	2.81	2.48	3.70	2.44	4.26	1.77	3.85		2.94
23.21	February ...	.68	.32	2.72	4.42	.70	3.57	2.75	4.84	1.42	.53	.96		2.11
18.72	March	2.12	1.82	2.16	2.27	1.21	.91	.37	3.36	2.43	.07	2.00		1.70
28.08	April	3.51	1.31	3.29	2.32	3.68	3.16	3.76	2.33	1.89	.99	1.84		2.55
23.06	May .....	.78	2.04	.79	3.00	3.81	2.16	1.65	1.28	2.41	2.22	2.92		2.10
20.93	June	1.97	.12	1.59	.51	2.72	.16	4.26	4.65	2.86	1.87	.52		1.90
34.41	July	6.12	.83	4.90	3.69	3.87	3.96	1.83	2.93	1.86	1.56	2.86		3.13
31.13	August	1.72	1.82	2.89	3.37	3.20	2.59	1.78	4.59	2.54	2.06	4.55		2.83
27.33	September...	3.35	1.17	2.03	1.54	3.75	3.05	.86	6.08	1.14	.13	4.23		2.49
33.31	October	1.27	.70	1.31	6.77	4.46	2.74	2.49	1.86	5.93	4.09	1.69		3.03
38.78	November...	1.99	1.67	2.05	1.89	3.57	2.93	6.36	2.99	2.43	7.89	4.91		3.54
38.81	December...	2.83	1.87	4.54	3.18	4.19	3.42	.42	5.35	2.94	7.67	2.40		3.53
350.32	TOTALS...	29.56	16.10	31.92	34.70	37.97	31.13	30.23	42.69	32.74	30.55	32.73		31.85
		D	D	D	D	D	D	D	D	D	D	D		

1930. Wall 9' high 7yds. N.

G. read 9 a.m. in winter and summer.

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1920			Yadworth	1 mi	NE	Walton	300 yds	E.
							1400	S.S.E.

RAINFALL at Walton-on-the-HillCounty SurreyObserver Mr. J. MillichampRiver Basin Thames - Mole + c. 5Type of Gauge M.O.Total Fall 30.436Annual Average 24.4 in. based on 34 years obs. 44-weighted. Period of average 1881-1915 Ref. J.W.S. P.B. 40830.4 36 24.4 34 44 1881-1915 P.B. 408

Diameter	5											
Height	10											
Altitude	600								500			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.08	2.99	2.52	2.28	1.27	5.66	5.71	3.35	6.28	2.82	3494	
February	1.99	.56	2.90	.47	3.41	2.29	4.74	.92	1.87	2.51	2166	
March	.44	1.67	3.37	2.50	.59	1.69	4.12	.42	1.74	3.66	2020	
April	4.60	2.71	.85	2.65	3.48	2.09	3.20	.28	3.31	3.01	2638	
May	2.88	4.47	2.93	.78	2.00	.70	2.45	2.12	2.14	2.26	2273	
June	2.08	1.78	1.86	1.18	4.41	3.50	2.15	.69	1.16	.39	1920	
July	3.43	2.98	1.88	2.06	1.06	5.53	1.65	2.58	3.26	2.55	2698	
August	4.54	.60	1.04	2.06	3.49	1.63	1.53	2.29	2.58	.12	1988	
September	2.53	2.16	2.96	2.01	4.16	3.08	2.32	2.30	2.14	1.71	2537	
October	.69	6.06	2.02	2.42	4.03	2.22	2.99	3.25	6.92	3.50	3410	
November	3.39	1.39	1.28	3.12	6.42	4.64	2.26	4.61	5.23	8.59	4093	
December	.85	.80	.63	8.24	4.17	3.97	4.75	4.44	2.11	1.78	3174	
TOTALS	29.50	28.17	24.24	29.77	38.49	37.00	38.07	27.23	38.71	32.90	32411	KM.

† 7.6.39. Height of station is 500 feet (taken from map) and could not be 600 feet (old bench mark)

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
1931 27			Ladworth	1 m.	E. NE	Walton-on-Hill	4 m. 300 yds	E.S.E. S.E.

Station No. 129

RAINFALL at Walton-on-the-Hill

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County of Surrey

Observer

M. J. Mellichamp

River Basin Thames Mole S.E. 5

Mr. H. W. Hawkes

Type of Gauge No. 5. G. A. K. H. S. 7. (1948)

Annual Average 30.4 in. based on 36 years obs. un-weighted. Period of average.

Ref. T.W.S.

File No. E.13252/51

Diameter	5"			286	145						
Height	1' 0"				1						
Altitude	600'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.62	3.41	6.36	2.25	2.31	3.04	2.27	4.31	1.20	1.02	
February	3.03	.69	1.74	1.13	2.10	2.85	1.50	1.88	1.45	5.40	
March	4.55	2.06	.40	.20	1.47	1.45	5.15	.85	1.26	1.50	
April	2.36	1.78	1.19	1.70	1.32	2.62	2.04	1.82	2.01	(4.07)	
May	2.05	3.62	2.93	1.21	2.27	3.17	1.79	2.07	2.29	1.55	
June	3.43	.12	2.02	2.02	2.32	2.44	3.24	3.05	.85	1.41	
July	4.31	2.66	1.64	2.18	3.66	1.88	1.16	1.70	1.33	2.98	
August	4.37	3.69	1.72	2.88	1.89	5.24	.55	4.74	1.41	2.15	
September	41	2.47	2.24	2.72	2.79	3.98	1.49	2.28	.36	3.06	
October	1.30	3.89	3.92	4.50	4.18	1.38	.15	2.14	7.82	.43	
November	3.56	2.29	1.90	4.91	.32	5.39	1.29	1.95	3.59	6.64	
December	2.37	3.71	2.20	3.11	4.06	3.38	3.17	4.43	1.66	(2.50)	
TOTALS	34.36	30.19	28.26	28.81	28.69	36.82	23.80	31.22	25.23	34.66	#

Remarks	1910-19	1920-30	1931-40	1941-50
	comp 1919	✓	✓	✓
D or d		✓	✓	✓ but d 47-50

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. T.122-1550

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Tadworth	1 mile	E	Walton-on-the-Hill	300 yds	SE
1948			"	2 m.	NE	St. Peter's	200 yds	E
1949			"	2 m.	S.	"	"	E

BRITISH RAINFALL ORGANIZATION