

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

Lat.

Lon.

County of Surrey

Rain Gauge, by Negretti & Zambra Observer Mr. J. Millisharap
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	2.88	.76	2.26	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. C.

Tadworth Station 1 mile N.E.

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

RAINFALL at Walton-on-the-Hill Walton Manor

County of Surrey Observer Mr J. Millichamp
 River Basin Thames. Mole - 5 Mr. J.W. Audley
 Rain Gauge, by N+3

Diameter ...	5											
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	2.081	
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	1.620	
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	2.66	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	5.23	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 yds high 12 ft N

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

RAINFALL at Walton-on-the-Hill - Walton ManorCounty of Surrey Observer Mr. J. Millichamp Esq.River Basin Thames - Mole 5Snowdon Rain Gauge, by 12.9.3

Diameter ...	5"												
Height	10												
Altitude ...	600												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
											Mean		
32.35	January ...	3.22	2.43	3.65	1.74	2.81	2.48	3.70	2.41	4.26	1.77	3.85	2.94
23.21	February ...	6.8	3.2	2.72	4.42	7.0	3.57	2.75	4.84	1.42	5.3	.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	7.8	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	1.12	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
38.98	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	4.2	5.35	2.94	7.67	2.40	3.53
350.32	TOTALS...	29.56	16.10	31.92	33.70	37.97	31.13	30.23	42.47	32.74	30.88	32.73	31.85

1930. Wall 9' high Tydo. N.

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
1920			Yadworth	1 mi	NE	Walton	300 yds	E.

RAINFALL at Walton-on-the-Hill

County of Surrey Observer Mr J. Millichamp

River Basin Thames - Mole + c. 5.

Type of Gauge..... M. O.

Annual Average ~~200~~³⁶ in. based on ~~34~~³⁶ years obs. yh-weighted. Period of average 1881-1915. Ref. 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	3.33	6.28	2.82	3.494
February	1.99	.56	2.90	1.47	3.41	2.29	4.74	.92	1.87	2.51	2.166
March	.44	1.67	3.37	2.50	.89	1.69	4.12	.42	1.74	3.66	2.020
April	4.60	2.71	.85	2.65	3.48	2.09	3.40	.28	3.31	3.01	2.638
May	2.88	4.44	2.93	.78	2.00	.70	2.45	2.12	2.14	2.26	2.273
June	2.08	1.78	1.86	1.18	4.41	3.50	2.15	.69	1.16	.39	1.920
July	3.43	2.98	1.88	2.06	1.06	5.53	1.65	2.58	3.26	2.55	2.698
August	4.54	.60	1.04	2.06	3.49	1.63	1.53	2.29	2.58	.12	1.982
September	2.53	2.16	2.96	2.01	4.16	3.08	2.32	2.30	2.14	1.71	2.537
October	.69	6.06	2.02	2.42	4.03	2.22	2.99	3.25	6.92	3.50	3.410
November	3.39	1.39	1.28	3.12	6.42	4.64	2.26	4.61	5.23	8.59	4.093
December	.85	.80	.63	8.24	4.17	3.97	4.75	4.44	2.11	1.78	3.174
TOTALS	29.50	28.17	24.24	29.77	38.49	37.00	38.07	27.23	38.74	32.90	32.411

7-6-39. Height of station is 500 feet (taken from map) and could not be less than 500 feet. Edlebenwell

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No....
 1 mile to 1 inch Series }

1 mile to 1 inch Series								
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	
1931 27			Jadworth	1 m. ..	E. NE	Walton-on-Hill "	4 m. 300yds	E.S.E S.E

Station No. 129

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RAINFALL at Walton-on-the-Hill

County of Surrey

Observer Mr. T. Willrichamp

River Basin Thames. Mole &c. 15

Mr. H. W. Hawkes (R.M.D.)

Type of Gauge M.O.S. Standard 7 (class 1)
(1948)

Annual Average 30.14 in. based on 36 years obs. un-weighted. Period of average

Ref. I.W.S.

File No. E13202/51

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	3.93	
August	4.37	3.59	1.72	2.88	1.89	5.24	.55	4.74	1.41	3.15	
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	#
	D	D	D	D	D	D	d	d	d	d	

Remarks	1940-49	1950-59	1960-69	1970-79
Cimp 1949		✓	✓	✓
Dovd		✓	✓	✓ bwd 147-50

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

Reference No. TQ 221550

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