

RAINFALL at Wickham (Wickham Hall)County of HampshireObserver Douglas B. Smith, J.P.River Basin Blackwater -4-Snowden Rain Gauge, by
(1925) 1 mm. and

Diameter ...				5						
Height			- 8						0 10	
Altitude ...				60						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...				1.15	2.73	1.01	2.14	1.19	2.70	1.35
February ...				2.86	8.85	2.35	2.21	3.42	9.91	4.42
March				1.58	5.2	1.93	1.18	1.85	2.14	0.91
April				1.49	2.63	1.49	4.05	1.73	0.78	1.26
May				1.19	3.98	2.25	1.91	1.95	1.56	1.38
June				7.1	1.67	2.29	2.46	2.74	2.35	7.2
July				9.3	3.06	2.22	1.49	2.60	1.88	2.06
August				1.70	2.18	2.75	8.4	2.50	2.36	1.33
September...				1.44	1.73	2.99	7.6	3.44	7.1	5.3
October				4.03	3.72	3.06	2.18	1.79	2.76	2.73
November...				2.06	3.48	1.68	4.37	2.15	1.90	4.43
December...				1.93	2.96	1.83	4.8	2.27	3.14	4.11
TOTALS...				21.07	29.52	22.85	22.07	27.13	23.13	20.39
										20.77

1923. Garden fence. 3' high. 12 feet apart.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.				
Date.	Lat. N.	Long. E.	Railway Station.		Distance	Direction	Parish Church.	Distance	Direction
1924	51° 46'	0° 39'	Wickham Bishops	7/4	N.W.		Wickham Bishops	1	N.E.

RAINFALL at Witham (Wickham Hail)

County of Essex

Observer D. B. Smith, Esq.

River Basin

Blackwater - 4

Type of Gauge

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

Ref.

20.8 in. computed by Mr. Cornish (1938) Cf. 56124 5/36

41229/30

Diameter	5.										
Height	0.10.										
Altitude	60.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.79	1.93	1.05	1.30	1.10	3.97	4.07	2.27	5.14	1.18	23.12
February	1.33	1.19	1.93	1.18	2.00	1.91	3.71	1.52	1.74	1.28	12.79
March	1.20	1.91	1.35	1.88	1.36	1.83	2.28	1.33	1.57	1.92	11.63
April	2.68	2.01	1.65	1.85	2.40	1.21	2.62	1.18	2.35	1.62	14.57
May	1.67	3.65	1.39	1.49	1.40	1.19	2.19	1.63	1.51	1.65	15.67
June	1.08	1.62	1.21	1.72	3.23	2.46	2.74	1.62	1.33	1.43	15.44
July	3.46	1.66	1.84	2.19	1.52	3.43	1.09	1.10	1.55	1.03	19.87
August	3.49	1.93	1.29	1.39	1.74	1.66	1.46	1.93	1.49	-	14.38
September	1.59	1.67	2.22	1.22	3.79	2.21	1.30	1.45	1.45	1.21	16.11
October	1.57	4.85	1.55	1.72	1.73	1.29	1.71	2.15	6.24	1.93	23.74
November	1.67	1.64	1.97	1.49	3.99	3.05	1.51	2.45	3.27	5.73	24.77
December	1.42	1.31	1.36	1.36	2.08	1.87	3.86	3.00	1.89	1.28	18.13
TOTALS	18.95	18.57	12.81	19.79	24.34	23.78	27.54	16.63	29.55	21.46	21322 KM

1931. Garden fence 3' 6" high 12' S.

1940 Jan 1st. frosty.

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			Wickham Bishops	3 1/4	W	Wickham Bishops	1 m	W.

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

Station No. 1293

RAINFALL at Witterham (Witterham Hall)

41

County of Essex

Observer D.B. Smith, Esq.

River Basin Blackwater - 4.

Type of Gauge Hobson

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

Ref. 561245/36

" 20.8 " computed by Mr Cornish (1938) File No. 41229/30

Diameter	5"					231	625			
Height	0' 10"		10		0' 10"				1' 0"	10"
Altitude	60'									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.01	1.97	3.62	1.12	1.34	.89	1.92	3.03	1.08	1.25
February	1.52	.95	.82	.80	1.48	1.84	1.56	1.31	1.01	2.92
March	2.78	1.80	(.35)	.21	.84	1.11	4.35	.83	.75	.65
April	.97	.74	1.06	1.45	.67	1.19	1.17	1.73	.77	1.41
May	1.27	1.77	1.21	.94	1.84	.96	.45	1.82	1.54	1.69
June	.57	.12	2.29	1.83	1.54	2.31	2.72	2.01	.37	1.36
July	2.58	1.39	1.52	2.01	1.14	3.42	3.10	.89	1.21	1.90
August	4.04	1.88	1.25	2.42	1.78	3.82	.12	3.44	1.41	1.10
September	.42	1.35	1.37	2.44	1.48	1.90	1.56	1.09	.87	2.82
October	.91	3.10	1.55	3.47	1.60	.95	.21	1.26	4.35	.22
November	2.29	2.21	1.49	3.34	1.40	2.10	.70	1.99	2.28	3.73
December	1.20	2.07	1.28	1.26	2.65	2.26	2.57	1.09	1.21	1.31
TOTALS	20.56	19.35	17.82	21.29	16.76	22.75	20.43	20.99	16.85	20.36

1943 March 20th by ref. to 200 N. Shms.

1944 Jan 1st gauge over the fence only seem no longer reliable. Fence 3'6" high 12' dist. 1000 ft

1945 " " " 12' S.

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1945			Witterham Birchhope	3 1/2 mi	N.W.	Witterham Birchhope	1 mi	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1293

RAINFALL at Witham (Wickham Hall)

51

County of Essex

Observer D B Smith Esq.
* Bevington Smith, Esq., C.B.E.
(1953)

River Basin Blackwater - 4

Type of Gauge Howard BA

Annual Average in. based on years obs. un-weighted. Period of average
 " 21.42 " 32 " 1923-57 " 1916-50 Ref. " S.
 " 20.8 in. computed by Mr. Cornish (1938) ref. 561245/36 File No. 41229/30

Diameter	5"			231	625					5"	
Height	0' 10"	1' 0"								8"	
Altitude	60'									70'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.01	1.70	.90	1.21	2.55	3.48	1.13	2.25	1.81	1.97	
February	4.85	1.09	.89	1.75	2.01	4.20	2.26	2.87	.14	1.99	
March	2.21	3.41	.37	1.62	1.34	.89	1.64	.88	1.51	1.40	
April	2.48	.86	1.83	.24	.19	1.07	.08	1.03	2.15	.60	
May	2.28	1.08	1.33	2.24	4.10	.48	1.15	2.56	.74	2.11	
June	.79	1.50	1.89	2.28	2.53	1.80	1.37	5.18	.59	1.34	
July	1.89	.51	2.85	2.16	.13	3.09	2.81	2.97	2.15	3.08	
August	2.97	1.58	1.37	1.96	.56	4.32	2.18	3.61	.64	3.51	
September	1.97	2.95	1.88	2.19	2.10	1.55	3.06	4.46	.03	4.49	
October	.71	2.03	2.17	1.58	3.71	1.37	1.35	2.43	2.48	6.96	
November	3.61	3.83	.85	3.81	1.04	.52	2.79	1.33	2.88	4.18	
December	1.76	2.38	.78	1.11	1.51	2.18	1.91	3.21	4.11	2.66	
TOTALS	27.53	22.92	17.11	21.58	21.77	21.17	21.73	32.83	19.23	34.29	
	d	d	d	D	S	D	D	D	D	D	

* 1953 Since authority was awarded C.B.E. he changed his title to Bevington Smith.
(A. Bevington Smith, authority for Harbors Hall, 125817, is his son.)

Roofed 24.3.60 by Mr. Walter Price 35°-50°NW - 50°-30°N → House 40°-60°ENE True 40°-40°SE. New roof red.
Year has 50°-80°NW older building SW → NW near anweller but otherwise reasonable
(NMR 831105)

830105

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TL(52)831105

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1954			Witham	3/4 m	NW	Witham	1 m N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19.	1920-30	1931-40	1941-50	1951-60
		C.23 ✓	✓	✓	✓	✓
		✓ lat. 23, D. 25/2	✓ lat. 0°34'36"			