

## RAINFALL AT Sandwich, Upton House, Tord

Lat.

Lon.

County of

Kent East

Rain Gauge, by

Observer W. Glanville Napier Bog

2 ft 6 in ac.

Diameter ..	5										
Height ....	1.0										
Altitude ..	35 32										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	.74	.94	1.84	3.45	1.10	3.02	.94	1.72	.83		
February ..	1.11	.93	1.70	2.24	1.01	2.07	.96	.97	1.11		
March ....	2.52	1.37	2.10	1.22	2.97	1.64	.63	2.43	3.54		
April .....	1.56	.58	1.88	1.16	2.58	.66	2.63	1.74	1.55		
May .....	1.26	1.49	3.15	2.51	1.38	2.11	3.00	1.06	1.05		
June .....	1.02	3.24	5.03	.79	4.76	2.21	2.04	1.63	2.85		
July .....	.70	1.61	4.77	1.14	.89	.32	1.38	3.74	2.86		
August .....	1.78	3.02	3.09	1.82	1.79	.44	1.76	3.04	2.92		
September ..	1.12	1.24	1.83	1.45	2.09	2.08	.35	1.66	2.24		
October .....	1.26	1.72	4.16	2.13	2.11	2.64	5.58	1.57	7.89		
November ..	1.20	1.27	3.21	1.01	3.60	5.21	2.39	1.19	.53		
December ..	3.80	2.80	2.45	2.30	.77	2.25	2.40	3.01	4.72		
TOTALS ..	18.07	20.21	35.21	21.22	25.05	24.66	24.06	23.76	32.09		

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1901 The value printed in British Rainfall (17.89) was obtained from a press cutting. Correct value subsequently received from observer.

NE  
St Pauls Church, Tord 500 yards S.S.W.

1903 Sandwich Station 2 N

1905 Rose Trees 1 ft 5 in high 3 ft N + S

10 293

RAINFALL at Sandwich Epton Home Wood

County of Kent

Cap<sup>r</sup> Observer W Elwin Napier Eng

River Basin Sto.

2

*Rain Gauge, by*

1910 Rose bushes 3 ft high 3 ft all round

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Sandwich	1½ m	NE	Wood	500 yds	NE
1919.	51° 15' 10"	1° 20' E						

## RAINFALL at Sandwich Upton House Farm

County of Kent

Observer Capt. W. Elwin Napier

River Basin Stour &amp;c 2

M. O. Rain Gauge, by

Glaisher 1929

Diameter ...	5"										1930 MEAN.	Means
Height .....	1' 0						1' 0					
Altitude ...	32											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
25.47	January ...	3.06	2.29	2.90	1.58	2.00	2.25	2.34	2.01	2.44	1.33	3.27
21.27	February ...	5.9	5.2	1.64	3.10	71	4.14	2.23	4.42	1.06	.87	1.99
15.76	March .....	6.6	1.23	2.11	1.20	1.68	1.24	.26	2.38	2.65	34	2.11
24.04	April.....	2.19	1.18	2.43	1.74	2.64	3.10	3.07	1.73	3.24	1.05	1.67
21.98	May .....	1.64	1.03	.50	3.68	3.37	2.26	1.10	1.33	2.43	1.18	3.16
18.55	June .....	93	15	1.83	.68	1.66	.76	4.65	2.85	1.93	1.73	1.38
25.93	July .....	2.43	1.23	1.87	76	3.11	4.21	1.53	6.88	1.08	.98	2.85
24.43	August .....	1.84	2.09	2.23	1.45	1.90	1.59	2.23	4.38	1.58	2.56	2.78
24.71	September...	2.74	63	4.09	1.40	2.57	3.24	1.22	3.07	1.43	.58	3.144
36.34	October.....	1.46	1.05	3.00	5.84	5.05	3.20	4.70	1.28	4.96	4.34	1.46
40.59	November...	1.11	2.02	1.45	3.22	3.06	3.87	6.30	2.79	5.46	5.74	5.57
35.68	December...	2.71	1.27	3.13	3.12	3.19	2.94	.81	4.22	3.95	7.67	2.67
314.75	TOTALS...	21.36	13.69	27.18	27.77	30.94	32.80	30.44	37.34	32.41	28.17	32.35
		1920. Wall 8 ft high 164° N.E.										28.61
		1921 Rose bushes										
		2 m. N.E.										
		1925 Rose bushes 2 to 3 ft high 2 to 3 ft all round.										

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction
1920	51° 15' 10"	1° 20' 2"	Sandwich	12 mi	N.W.	Wards	5' 00" 74'	N.E.

## RAINFALL at Worth (Upton House)

County of Kent

Observer Capt. W. Elwin Napier

River Basin Stour + C. 2

Type of Gauge Glaisher BA1940

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

Diameter	5										TOTAL inches
Height	10										
Altitude	32										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.06	1.76	2.43	2.72	2.41	4.17	6.78	3.41	5.24	2.20	33.18
February	2.22	1.62	1.32	2.29	3.32	3.08	4.39	1.24	1.23	1.68	19.39
March	.29	1.48	1.85	3.53	.18	.95	5.63	.57	2.19	2.71	19.38
April	2.69	2.00	.75	2.26	3.02	1.71	2.29	.91	2.54	1.05	19.22
May	2.11	2.29	1.45	1.56	1.97	.16	4.15	2.53	2.43	.32	18.94
June	.65	1.12	2.21	.98	3.10	2.71	1.78	.87	1.43	.20	15.05
July	3.81	3.51	1.51	1.26	.30	4.36	1.26	3.03	2.64	2.29	23.97
August	3.50	1.01	.42	2.79	3.11	1.57	1.32	3.28	1.61	.15	18.76
September	1.57	2.11	6.70	1.11	3.99	4.14	3.07	2.45	3.02	1.94	30.10
October	.88	7.66	2.20	2.71	3.66	2.31	2.91	3.34	12.44	3.61	41.69
November	3.39	.93	2.86	2.38	6.16	5.19	1.23	3.21	14.94	6.74	34.03
December	.60	.62	.78	5.26	3.59	2.77	5.54	2.79	1.31	.77	25.03
TOTALS	24.74	25.11	24.48	26.85	34.81	33.12	39.35	27.63	40.99	24.66	301.14

1936 Rose bushes nearest.

1940 Walls 10' high 30' N.W. + S.E.

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
1931.			Sandwich	1/2 m	N.E.	Ward Worth	2 m N.E.

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

Station No. 293

-30465

## RAINFALL at Worth (Upton House)

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County of Kent.....

Observer Capt. W. Elwin Napier.

River Basin Slopes S.E. 2

Type of Gauge B.C.F.

Annual Average 27.7 in. based on years obs. un-weighted. Period of average Ref.

File No. E. 13286/2

Diameter	5"				304	465						
Height	1' 0"					1						
Altitude	32'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	-Means
January	3.12	2.41	4.56	1.55	2.82	1.77	1.60	3.00	1.37	1.30	23.50	
February	2.37	1.64	1.76	1.59	1.35	2.82	1.47	1.90	1.21	4.61	19.72	
March	1.64	2.14	4.45	2.20	1.01	2.33	4.36	87	.65	1.74	14.39	
April	1.17	1.20	1.43	1.78	1.37	1.98	1.60	1.73	1.68	1.83	15.77	
May	1.50	3.36	2.00	.51	2.07	3.06	.89	1.62	1.64	2.18	18.83	
June	1.11	.30	1.32	1.55	.32	1.93	3.44	2.69	.37	1.07	14.10	
July	3.92	2.95	1.52	1.74	1.32	2.56	1.72	1.20	.93	3.25	21.11	
August	3.85	1.83	1.68	1.37	3.56	5.41	.27	3.37	.64	3.01	24.99	
September	.34	2.63	1.38	3.37	1.15	1.86	1.28	2.33	3.88	2.41	20.60	
October	1.96	3.58	1.41	5.87	1.82	1.35	.48	1.14	6.90	1.65	25.16	
November	3.51	2.77	3.05	4.82	1.98	4.29	1.78	2.10	4.24	7.23	35.77	
December	1.38	2.90	2.14	2.27	3.23	2.60	2.81	2.51	1.77	2.74	24.35	
TOTALS	25.87	27.71	22.70	26.62	22.00	31.96	21.70	23.46	25.24	31.02	258.29	

1941. Wall 9' high 25' N.S.E &amp; W.

1942 Plants 2' high 3' to 4' S.W.

1949 Plants 3' high all round.

\* Used in General Table. Origin unknown.

1949 corr. for ninth.

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			Sandwich	1/2 m	NE	Worth	1/2 m

BRITISH RAINFALL ORGANIZATION

Station No. 293

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## RAINFALL at WORTH (UPTON HOUSE)

County of KENT

Observer CAPT. W. F. NAPIER, <sup>deceased</sup>

River Basin STOUR + C 2

MRS MARY NAPIER (as)

Type of Gauge B.R. Type or 140+452

Annual Average 27 in. based on years obs. un-weighted. Period of average 1916-1950  
28.11 " 35 " 1916-1950  
Ref. File No. E 132.86 / 5.1

Diameter	5"			3.4	4.5						
Height	1' 0"			8		1					
Altitude	32'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.94	2.61	1.01	1.99							
February	5.80	1.90	2.16	2.05							
March	3.18	3.37	.19	2.85							
April	1.96	1.14	1.42	2.3							
May	2.06	1.13	1.88	2.12							
June	1.56	1.82	3.77	1.87							
July	1.41	1.02	3.50	(2.14)							
August	3.74	3.44	2.16	3.34							
September	4.21	6.61	3.87	1.51							
October	2.19	3.00	2.94	2.92							
November	4.30	3.94	2.15	(6.05)							
December	2.72	2.80	1.53	2.14							
TOTALS	36.07	32.78	25.58	(29.55)							
	d	d	d	1952							

1954 up too much wrt. Corrective for revised measure (50), revised values accumulate in all smaller except  
 1954 Rose bushes & cabbages, 5' away up too much wrt  
 1956 Terminal -d. Left distance.

d 13

\* Used in General Tables, origin unknown.

R.H. & Annexes

Position of Station on Ordnance One-Inch map : No. of Map .....

National Grid Reference TQ 413 333 558

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
			Sunderland.	12 fm.	N.	Worth	1/4 m E

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
		✓	✓	✓	✓	✓