

# RAINFALL AT *Sandwich, Upton House Wood*

Lat. ....

Lon. ....

County of *Kent East*

Rain Gauge, by .....

Observer *W. Edwin Napier Esq*

*2- Stour &c.*

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	24.65	24.06	23.76	32.09	

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

*S. Pauls Church, Wood 500 yards S.E.W.*

1903 Sandwich Station 2 <sup>1 1/2</sup> N

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

RAINFALL at Sandwich Upton House WoodCounty of KentLast  
Observer W. Edwin Napier EsqRiver Basin Stour + C 2

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	10											
Altitude ...	32											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL MEANS 1916-19	
January ...	3.36	1.78	2.58	3.85	.95	2.71	.97	2.33	2.81	3.62	9.73	
February ...	3.31	.92	1.60	.76	1.83	4.01	4.04	.48	.58	2.13	7.23	
March .....	1.62	3.11	3.74	2.20	4.52	.93	3.86	1.49	1.01	2.82	9.18	
April .....	2.56	1.13	.38	2.48	1.30	1.45	1.59	1.91	.87	3.00	7.37	
May .....	4.02	.90	1.38	.98	1.08	2.86	1.79	1.37	2.27	.17	5.60	
June .....	3.34	2.24	3.10	1.29	1.52	.53	2.23	1.86	.49	1.01	5.59	
July .....	2.87	.18	2.42	2.03	3.13	3.30	1.55	3.23	3.06	3.74	11.58	
August .....	2.17	1.36	5.82	1.97	.88	1.43	1.97	6.35	.67	1.60	10.59	
September ..	.95	1.38	3.51	3.17	.64	2.92	.99	.76	5.19	1.00	7.94	
October ...	2.08	5.69	3.53	3.96	3.24	2.94	4.62	3.36	2.57	1.81	12.06	
November ..	4.96	4.73	2.02	3.10	3.27	3.85	4.32	1.21	2.52	4.29	12.34	
December ...	4.46	5.02	2.40	1.57	7.36	6.01	3.28	2.30	1.42	2.95	9.95	
TOTALS ...	35.70	28.44	32.48	27.36	29.72	32.94	31.21	26.65	23.46	27.84	109.16	

1910 Rosebushes 3 ft high 3 ft all round

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Sandwich	1 1/2 m	NE	Wood	500 yds	NE
1919.	51° 15' 10"	1° 20' 1/2" E						

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*Worth (Upton House)*  
**RAINFALL at Sandwich Upton House Road**

County of *Kent*Observer *Capt. W. Edwin Napier*River Basin *Stour & C 2**M. O.* Rain Gauge, by*Flanahan 1929*

Diameter ...	5												
Height .....	1	0				1	0						
Altitude ...	32												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS		
<i>Worth</i> 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	2.31	Mean
21.27 February ...	.59	.52	1.64	3.10	.71	4.14	2.23	4.42	1.06	.87	1.99	1.93	
15.76 March .....	.66	1.23	2.11	1.20	1.68	1.24	.26	2.38	2.55	.34	2.11	1.43	
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	2.19	
21.98 May .....	1.64	1.03	.50	3.68	3.37	2.26	1.10	1.33	2.73	1.18	3.16	2.00	
18.55 June .....	.93	.15	1.83	.68	1.66	.76	4.65	2.85	1.93	1.73	1.38	1.69	
25.93 July .....	2.43	.23	1.87	.76	3.11	4.21	1.53	6.88	1.08	.98	2.85	2.36	
24.43 August .....	1.84	2.09	2.23	1.45	1.90	1.59	2.23	4.38	1.58	2.36	2.78	2.22	
24.71 September...	2.74	.63	4.09	1.40	2.57	3.24	1.22	3.07	1.73	.58	3.44	2.25	
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	3.30	
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	3.69	
35.68 December...	2.71	1.27	3.13	3.12	3.19	2.94	.81	4.22	3.95	7.67	2.67	3.24	
314.75 TOTALS...	21.36	13.69	27.18	27.77	30.94	32.80	30.44	27.24	32.71	28.17	32.35	28.61	
	D	D	D	D	D	D	D	D	D	D	D	D	

1920. Wall 8 ft high 16 ft N.E.

1921 Rose bushes 2 ft 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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 15' 10"	1° 20' 2"	Sandwich	12 mi	N.W.	Worth	500 yds	N.E.



RAINFALL at North (Upton House)County of KentObserver Capt. W. Elwin NapierRiver Basin Stour + c 2Type of Gauge Glaisher BA1940

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

Diameter .....	5										
Height .....	10										
Altitude .....	32										
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Means
January .....	3.06	1.76	2.43	2.72	2.41	4.17	6.78	3.21	5.24	2.20	33.18
February .....	2.22	.62	1.32	.29	3.32	3.08	4.39	1.24	1.23	1.68	19.39
March .....	.29	1.48	1.85	3.53	.13	.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	4.94	6.74	37.03
December .....	.60	.62	.78	5.26	3.59	2.77	5.54	2.79	1.31	1.77	25.03
TOTALS .....	24.77	25.11	24.48	26.85	34.81	33.12	39.35	27.63	40.99	24.66	301.74
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931/6 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Sandwich	1 1/2 m	N.E.	Wood Wood	1/2 m	N.E.
							..	..

RAINFALL at Worth (Upston House)

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County of KentObserver Capt. W. Edwin NapierRiver Basin Stour 9 & 2Type of Gauge G.F.Annual Average 27.7 in. based on ..... years obs. un-weighted. Period of average ..... Ref. ....File No. E 13286/1

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	4.5	2.0	1.01	2.33	4.36	87	65	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	3.85	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.E. &amp; W.

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

1949. Plants 2' high all round.

\* Used in General Table. Origin unknown

1949. Cor. for rain.

Position of Station on reduced Ordnance Survey Map,  
1 mile 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.
1941			Sandwich	1 1/2 m	NE	Worth	1/2 m	ENE

Station No. 1293

RAINFALL at NORTH (UPTON HOUSE)

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County of KENT

Observer CAPT. W. K. WILKINSON, NAPIER,

River Basin STOUR &amp; C 2

MRS MARY NAPIER (1951)

Type of Gauge B.T. 1910/1954

Annual Average 27.7 in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P

28.11 " " " 35 " " 1916-1950

File No. 5.132.86/5.1

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	1.1	2.85							
April ...	1.96	1.14	1.42	2.3							
May ...	2.06	1.13	1.58	2.12							
June ...	1.56	1.82	2.77	1.87							
July ...	1.41	1.02	3.50	(2.14)							
August ...	3.74	3.44	2.16	3.34							
September ...	4.21	6.41	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	mean							

1954 up too much with correction for mixed measure (50), mixed values/accumulation in all months except  
 1954 Rose bushes & catkins 5' away up too much err  
 1956 Terminalia - left distinct.

\* Used in General Tables, British Isles.

R. &amp; A. 1952.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TL41233558

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Sunderland.	1 1/4 m. 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
	✓	✓	✓	✓	
	✓	✓	✓	✓	