

# RAINFALL AT

*Sudbury Friars Street*

80

Lat. ....

Lon. ....

County of *Suffolk*

Rain Gauge, by

Observer *W. Bayly Rawson Esq.*

*Stour - 1.*

Diameter ....							5				
Height .....							1.7				
Altitude ....							93T				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....							2.40	1.66	1.16	.60	
February ....							1.9	.50	1.41	1.71	
March .....							1.71	1.61	2.72	1.29	
April .....							1.12	1.33	1.18	1.82	
May .....							2.64	2.17	.81	4.01	
June .....							.51	.46	1.50	1.56	
July .....							2.92	1.44	4.13	2.38	
August .....							1.42	1.35	2.73	2.59	
September...							1.35	2.09	1.34	1.65	
October ....							1.75	1.77	1.15	3.55	
November...							2.79	2.77	3.60	1.49	
December...							3.82	1.32	1.02	1.32	
TOTALS ....							22.62	18.47	23.05	23.97	

*St. Peter's Church 260 yards N.E.*

1886

*Wall 8ft high 10ft s.w.*

*h. moved 10ft W by S on Sept. 13<sup>th</sup>*

# RAINFALL AT

*Sudbury Friars Street*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Suffolk*

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

Observer \_\_\_\_\_

*E. Ransom Esq*

*Stn - 1.*

Diameter ....	5											
Height .....	17											
Altitude ....	93 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January, ....	1.89	1.71	.92	1.54	1.76	2.39	1.13	1.83	.85	2.24	1.626	
February ....	1.20	.07	2.10	3.18	1.37	.27	.94	2.20	.87	1.41	1.361	
March .....	2.35	1.59	1.36	.37	.76	1.65	2.92	2.71	1.65	1.28	1.664	
April .....	.73	.51	1.78	.18	1.37	1.67	.82	1.72	1.25	2.18	1.221	
May .....	2.46	1.88	1.45	.83	1.83	.54	.33	1.24	2.79	2.02	1.537	
June .....	2.52	1.95	3.06	.82	1.93	.41	2.53	2.14	3.12	1.34	1.982	
July .....	3.62	2.88	1.83	3.43	4.48	3.71	1.41	.95	1.12	3.31	2.674	
August .....	3.26	2.54	2.97	2.04	2.16	2.50	3.66	2.59	1.34	1.11	2.417	
September....	.82	.71	3.34	.98	1.08	.81	3.89	2.95	.31	2.74	1.763	
October .....	1.33	3.95	4.98	2.42	2.25	1.80	2.47	.66	1.77	1.44	2.207	
November....	2.09	1.68	1.80	3.31	3.15	1.93	1.04	1.07	2.42	2.93	2.142	
December ....	.73	2.73	1.33	1.70	1.89	2.15	3.22	1.73	2.52	1.54	1.951	
TOTALS . . .	23.00	22.20	26.92	20.80	24.03	19.83	24.36	21.79	20.01	23.54	22.648	

1890 *L. Peters* 260 yards NE

Flagstaff 30 ft high 25 ft N

Wall 8 " " 10 " 6" SW

Iron Yarns SE N & NW

# RAINFALL AT Sudbury Friars Hall

Lat. .... Lon. .... County of Suffolk  
Smarden Rain Gauge, by N.T. Observer E. Ransom Esq

Stn - 1.

Diameter ..	5										
Height ....	17										
Altitude ..	93 T	K									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.80	.70	.79	1.87	2.08	.99	3.30	1.17	.83	.84	1.537
February ..	2.89	.79	.95	.49	2.69	1.08	2.26	1.10	1.57	.81	1.463
March ....	1.04	2.35	1.20	1.92	1.74	1.89	1.70	1.10	1.93	2.76	1.763
April .....	1.39	1.93	.93	2.45	.82	1.82	1.28	3.25	2.48	1.91	1.826
May .....	.95	1.19	2.94	2.57	1.58	1.02	1.35	2.07	1.13	.82	1.562
June .....	2.60	2.67	2.86	4.76	1.16	2.65	2.16	1.69	.73	3.45	2.473
July .....	1.54	1.68	1.81	4.32	2.31	.64	.96	2.05	3.64	3.73	2.268
August ....	2.77	1.02	3.81	3.34	1.32	2.23	.65	2.31	2.07	2.18	2.170
September ..	.43	1.12	.94	2.26	1.07	1.60	1.21	.56	.67	1.66	1.152
October ....	1.92	2.51	2.04	4.51	.76	1.11	4.31	2.55	1.49	3.47	2.467
November ..	1.79	.94	1.59	1.96	1.14	2.04	4.04	2.24	1.15	.82	1.771
December ..	2.59	2.98	1.20	1.23	1.67	.78	2.42	2.85	1.64	3.62	2.098
TOTALS ..	22.71	19.88	21.06	31.68	18.34	17.85	25.64	22.94	19.33	26.07	22.550 555

1900 St Peters Church 260 yards N.E.

Wall 8 feet high 10' 6" S.W.

1903 Sudbury Station 200 yards E

Trees various heights, distance greater than height S.E. & NW  
 through N.

H.W.B.



RAINFALL at Sudbury Friar StreetCounty of SuffolkObserver E. Ransom EsqRiver Basin Stow

1

Sudbury Rain Gauge, by N 43

Diameter ...	5											
Height .....	1	7										
Altitude ...	93	T										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.76	1.12	2.70	2.98	1.74	2.58	1.24	1.62	2.50	2.28		
February ...	1.76	1.00	1.24	.65	1.88	2.72	3.63	.71	.65	2.38		
March .....	.91	2.44	2.77	1.79	4.01	1.33	3.42	1.87	.90	2.35		
April .....	1.91	.74	.35	2.05	.76	.74	1.37	1.58	2.53	3.46		
May .....	2.96	1.58	1.11	2.11	1.28	2.25	1.80	.93	1.67	.68		
June .....	1.34	2.34	1.78	1.04	.99	1.05	2.18	2.10	.96	1.30		
July .....	2.04	.32	3.46	1.30	1.84	3.68	1.49	2.34	5.54	2.98		
August .....	2.46	1.29	6.27	1.06	.61	3.13	4.46	5.33	1.26	2.09		
September ..	1.11	1.53	2.38	1.22	1.18	1.22	1.67	1.42	3.45	1.28		
October ...	1.20	2.61	1.83	3.34	1.49	1.25	3.48	3.64	2.51	.93		
November ..	2.55	3.17	1.95	2.30	2.40	2.07	3.33	1.65	2.29	2.24		
December ...	3.72	3.66	2.06	.67	6.18	4.37	3.13	1.42	2.19	3.22		
TOTALS ...	23.72	21.80	27.90	20.51	24.36	26.34	31.20	24.61	26.45	25.19		
	2	2	2	2	2			2	2	2		

1910 Wall 3 ft high 10' 6"

Nes

SW  
SE, N + NW

1912 obs. Nov.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Sudbury	300 yds	E	St Peter	260 yds	NE

RAINFALL at Sudbury 16. Piers St.County of SuffolkObserver E. Ransom Esq.River Basin Gon.(1925) 41.0. Shuttle Rain Gauge, by N. J.

Diameter ...	5										
Height .....	1	6									
Altitude ...	93										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>Mean</del> 1920
January ...	2.03	2.08	3.54	1.38	2.59	1.19	2.32	1.17	3.20	1.34	1.72
February ...	.42	.16	1.60	3.02	.97	2.17	2.36	2.94	1.20	.49	.51
March .....	1.35	.74	1.79	1.44	.67	1.27	.16	1.78	1.88	.06	1.30
April .....	3.61	1.48	2.66	1.23	2.63	2.28	3.47	1.83	1.04	1.36	2.02
May .....	.75	1.04	1.52	1.32	4.10	2.47	1.12	.84	1.88	1.62	2.19
June .....	1.21	.15	1.42	.61	1.83	.47	2.77	3.43	2.67	.83	.88
July .....	5.03	.31	3.23	1.38	3.08	2.18	2.90	3.76	2.27	3.04	3.46
August .....	1.52	2.11	1.85	1.69	1.94	3.84	1.30	2.58	2.21	1.11	2.38
September...	2.74	1.82	3.06	1.85	2.52	2.74	.95	3.66	.77	.89	4.21
October .....	.83	1.56	.88	4.38	3.89	2.67	2.69	1.97	2.57	3.08	1.25
November...	.62	1.47	1.08	2.13	2.66	2.07	3.56	2.31	1.84	4.20	3.12
December...	2.64	1.31	1.86	2.68	2.15	1.66	.62	2.35	2.79	4.49	2.45
TOTALS...	25.99	14.23	44.49	23.11	29.03	25.01	24.22	28.61	24.32	23.01	25.99
	2.1	2	2	2	2	2	2	2	2	2	2

1910. Wall 8 feet high 10 1/2 ft. SW.  
 2nd. rain gauge N. to N.W.  
 1926. Idem of observation by the clock, Winter & Summer 12 noon.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Sudbury (above)	300 yds	E	St Peter	260 yds	N.E.

## RAINFALL at Sudbury (Friars St.)

County of SuffolkObserver E. Ransom, Esq.River Basin Stour - 1

Type of Gauge

Annual Average 23.2 in. based on 48 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. PB 379

182.66/30

Diameter	5.										
Height	1.6.										
Altitude	93.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.93	.77	1.49	1.22	2.41	3.91	3.75	2.43	5.43	1.55	2489
February	2.34	.37	1.31	.33	2.38	2.25	2.70	.57	0.85	1.73	1486
March	.19	1.00	1.84	2.09	.67	.67	3.41	.43	1.81	2.81	1492
April	3.22	2.21	.82	2.32	2.25	1.22	3.16	.38	2.48	1.46	1952
May	2.52	3.40	1.22	.90	1.98	.91	2.55	1.46	0.86	1.55	1735
June	1.36	.53	1.20	1.52	2.67	2.76	1.66	.97	1.61	.54	1482
July	2.64	2.38	1.04	.99	.38	3.07	1.77	1.25	2.12	3.36	1900
August	4.44	1.36	1.02	1.57	.99	.60	1.08	1.67	2.81	.16	1570
September	1.95	1.37	2.44	1.14	3.21	2.15	1.17	1.83	0.57	.71	1654
October	.70	5.22	2.12	1.40	2.04	1.80	1.59	2.29	5.44	1.85	2445
November	1.70	1.49	1.25	1.50	3.76	3.14	1.14	1.91	3.88	6.29	2606
December	.85	.41	.44	4.40	2.79	1.86	2.99	2.65	1.22	1.56	1917
TOTALS	23.34	20.51	16.19	19.38	25.53	24.34	27.00	17.84	29.08	23.57	22728
	D	D	D	D	D	D	D	D	D	D	KM

1931 Wall 8' high 10' 6" SW & SE  
Trees various heights N & NE

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
1931			Sudbury	300yds	E	Sudbury	260yds	NE



Station No. M 1336RAINFALL at Sudbury (Fairs St)

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County of SuffolkObserver F. Ransom Esq (died '46)River Basin Stour - 1

Type of Gauge.....

Annual Average 23.2 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. RB. 379File No. 18266/30

Diameter	5"			225	150						
Height	1' 6"										
Altitude	93'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	2.80	3.74	1.40	1.60	1.30					
February	1.94	.88	.91	1.19	1.35	1.69					
March	3.02	1.63	.52	.50	1.08	1.04					
April	1.35	.99	.93	1.49	.93	.86					
May	1.64	1.76	.88	1.25	3.04	1.55					
June	.67	.42	1.53	1.52	2.09	3.17					
July	2.22	2.08	1.05	1.87	1.71	4.49					
August	3.25	2.10	1.07	1.95	2.07	4.07					
September	.20	2.14	1.72	2.86	2.76	2.74					
October	1.94	4.29	1.66	3.24	1.67	1.51					
November	2.16	2.72	1.65	3.27	.48	3.13					
December	1.31	2.57	1.56	1.16	2.72	"					
TOTALS	21.72 D	24.38 D	17.22 D	21.70 D	21.50 D	imp D					

15.12.46 Terminated on death of observer.

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

No. of Map.....

Reference No. JL 873411

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1931				300 <sup>x</sup>	E		260 <sup>x</sup>	NE

BRITISH RAINFALL ORGANIZATION