

## RAINFALL AT Woodbridge Melton Asylum

Lat.....

Lon.....

County of Suffolk

Rain Gauge, by.....

Observer.....

Schen - 3.

Diameter .....										8	
Height .....										1 - 4	
Altitude .....										100	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....											
February .....										1.94	
March .....										1.07	
April .....										1.72	
May .....										3.31	
June .....										2.96	
July .....										2.85	
August .....										3.69	
September .....										2.10	
October .....										4.88	
November .....										1.24	
December .....										1.07	
TOTALS .....											

Melton Church 1/2 mile S.E.

House 40 ft high 44 ft N.E.

Trees 30 .. 68 .. S.E.

# RAINFALL AT Woodbridge Casylum Melton

Lat.

Lon.

County of

Suffolk

Rain Gauge, by

Observer

Dr Eager  
Dr Whitwell

Seben - 3.

19 Longworth Eq

Diameter .....	8											
Height .....	14											
Altitude .....	100 M											110
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January .....	1.98	1.76	.64	2.32	1.97	2.73	1.60	2.53				1.88
February .....	.91	.01	1.80	2.60	1.44	.42	.61	2.48				1.33
March .....	2.23	1.36	1.08	.32	1.01	1.73	3.46	1.82				.98
April .....	.86	.94	2.14	.05	2.47	.72	1.11	1.87				2.12
May .....	1.28	2.09	.57	2.08	2.20	.42	.50	.59				2.31
June .....	2.69	1.00	3.46	.50	2.68	.32	2.26	1.98				1.42
July .....	3.82	3.08	1.38	2.56	4.30	4.21	.61	.67				2.53
August .....	2.10	2.55	4.71	1.55	2.58	2.44	2.60	1.53				.13
September .....	1.32	.57	1.31	1.12	1.29	1.03	4.36	2.77				3.36
October .....	1.08	4.18	6.95	2.14	1.51	3.12	2.91	.22				1.75
November .....	3.17	1.55	2.02	3.62	2.79	2.12	1.25	1.33				3.14
December .....	.42	2.51	1.46	1.74	2.74	1.63	3.14	1.91				1.42
TOTALS .....	21.86	21.60	27.52	20.60	26.98	20.89	24.41	19.70				22.37

1890 Melton Church 1/2 Mile SE

House 40 ft high 44 ft NE

Trees 30 " . 68 " SE

# RAINFALL AT Woodbridge Melton Asylum

Lat.

Lon.

County of Suffolk

Symon Standard Rain Gauge, by  
Deben - 3.

Observer S. G. Longworth Esq M.D.

Diameter ..	8										
Height ....	1 4										
Altitude ..	110	112 <del>ft</del>		74 <del>ft</del>							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.97	.66	.83	1.88	1.81	.92	3.60	1.26	.64	.51	1.508
February ..	3.16	.92	.51	.21	1.96	.94	1.94	.86	1.45	.84	1.279
March .....	.85	1.42	1.17	1.50	1.45	2.00	1.65	.96	1.69	2.56	1.525
April .....	1.40	1.66	.63	1.83	.83	2.02	.66	3.14	2.41	1.42	1.600
May .....	1.14	.75	2.33	1.96	2.82	1.35	1.17	1.96	1.23	1.26	1.597
June .....	4.41	1.65	2.31	3.02	.64	4.21	2.60	1.98	.46	3.48	2.476
July .....	.87	.55	4.88	5.02	2.24	.33	.16	2.15	3.46	2.68	2.234
August .....	2.22	1.11	4.41	3.62	1.06	2.01	.30	1.66	1.79	1.77	1.995
September ..	.71	.72	2.04	2.25	1.23	2.60	1.34	.75	1.28	1.98	1.490
October .....	1.72	1.94	1.02	3.62	1.01	1.73	3.17	3.11	1.29	4.94	2.355
November ..	1.88	1.05	1.42	1.97	1.04	2.00	3.87	1.74	1.05	.78	1.680
December ..	2.29	3.30	1.52	.88	2.03	.92	2.01	2.49	1.75	4.15	2.134
TOTALS ..	23.62	15.73	23.07	27.76	18.12	21.03	22.47	22.06	18.50	26.37	21.873

+4 ✓ MW

1901 Melton Church 1 mile SE

1903 January 1<sup>st</sup> Gauge moved 300 yards SE  
Melton Church 1 mile SE

" Station 1 1/4 " SE

1904 No objects within 20 yards and then only small trees

1357

= St Andrews Hospital (1916) 10

**RAINFALL at Woodbridge & Melton Asylum**

County of Suffolk

Observer Dr S. G. Longworth a.f. Philpot Esq

River Basin Deben + C 3

Standard Rain Gauge, by N & J

Diameter ...	8										
Height .....	1.4										
Altitude ...	74 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.39	1.33	2.05	4.49	1.57	2.72	1.48	2.10	2.67	2.76	Total 16-11 9.01
February ...	2.12	1.00	1.17	.53	1.58	3.17	4.05	.65	.68	3.19	8.57
March .....	1.02	2.26	2.67	1.77	3.81	.98	4.19	2.58	.74	2.02	9.53
April .....	1.22	1.34	.27	1.95	.82	1.19	1.75	1.74	2.93	3.12	9.54
May .....	3.22	.70	.40	1.48	.93	2.11	1.51	1.31	1.31	.39	4.52
June .....	2.05	2.08	2.66	.69	1.18	.46	2.37	1.74	1.53	1.32	6.96
July .....	2.75	.42	2.23	1.73	1.35	4.78	.95	3.22	3.66	3.04	10.87
August .....	3.29	.74	6.46	1.01	.46	1.90	6.34	4.12	1.40	2.06	13.92
September ..	1.01	1.90	2.73	.78	.94	1.83	.82	1.56	3.78	.77	6.93
October ...	1.31	2.56	1.87	3.23	2.24	1.65	2.42	4.27	2.31	1.89	10.89
November ..	3.04	3.63	2.16	2.21	2.81	2.05	3.36	1.74	1.90	2.13	9.15
December ...	4.62	4.02	1.89	.96	6.29	4.64	3.14	1.82	3.39	3.89	12.24
TOTALS ...	27.04	21.98	26.56	20.83	23.98	27.48	32.38	26.87	26.30	26.58	Total 112.13 12.44

1910 "meas at a distance equal to about their height"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Melton	1/4 mile	SE	Melton	1 mile	SE
1919.	52° 6' 30"	1° 20' E						

RAINFALL at Woodbridge & St. Audries Hospital

County of Suffolk

Observer of Pilgrim Eg.

River Basin Debrecen

(1925) A.D.O. Rain Gauge, by N.C.

(1929) Glasshew

1920. Foliage 11 ft. high 14 yrs. old. 1930 Foliage 14' high 12 yds NW.

1933. 28<sup>th</sup>. > { 16<sup>th</sup> Nyd.

1923. " 12 " " 36 feet 30 > N.E.  
NW

20 " " 70 " NE.

1927 " 12' - 60' NE

" 10' " 36' 1144

1928 .. 20' .. 40' N. 45.  
.. 20' .. 80' N 8°

*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 from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52° 6' 30"	1° 20'	Mellon	1/4 mi	SE	Mellon	3/4 mi	SE

## RAINFALL at Melton (St. Audrey's Hospital)

County of Suffolk.

Observer A.F. Philpott, Esq.

River Basin Deben & C. 3.

## The Clerk + Steward.

Type of Gauge Glaisher

.....

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

Diameter	8.										
Height	1.2.	1.3					1' 3"				
Altitude	74.	90					90				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Means
January	1.96	.72	1.18	1.44	1.99	3.62	4.64	2.62	4.83	1.53	24.53
February	2.94	.46	1.37	.44	2.36	2.87	3.64	.62	0.78	1.58	17.06
March	.33	1.35	1.81	2.24	.89	.59	2.52	.49	1.98	2.97	15.17
April	3.67	2.46	1.03	2.54	2.28	1.18	2.66	.37	3.35	1.36	20.90
May	2.15	3.16	1.39	1.85	1.78	1.10	3.08	2.06	1.01	.39	17.97
June	2.13	.60	1.52	.88	2.38	4.58	1.24	.75	1.48	.48	16.04
July	2.73	2.77	.89	2.01	.49	3.88	1.56	1.25	2.30	5.01	22.89
August	3.28	1.35	1.08	2.00	1.38	.86	1.08	1.22	2.36	.23	14.84
September	2.17	1.19	3.41	1.66	4.00	2.21	2.97	2.82	0.71	.74	21.88
October	.82	4.49	1.70	1.29	3.24	2.25	2.03	3.11	8.82	2.14	29.89
November	1.94	1.20	2.34	1.61	4.06	3.38	1.24	2.36	4.93	6.58	29.64
December	.70	.49	.72	3.89	2.57	1.34	3.44	3.21	1.54	1.89	19.79
TOTALS	24.82	20.24	18.44	21.85	27.42	27.86	30.10	20.88	34.09	24.90	250.60

1931. Trees + shrubs 10-12' high 20 yds<sup>s</sup> all sides but chiefly N.

1940 Hedge 8' high 20' South.

*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	Direction
1931			Melton	1 mile	SE	Melton	1 mile	SE

Station No. 1357

## RAINFALL at Melton (St. Andrew's Hospital)

41

County of Suffolk

Observer A.F. Philpott Esq.

River Basin River &amp; C - 3

The Clerk &amp; Steward

Type of Gauge Gasholder

Senior Admin. Officer 1950

Annual Average 23.8\* in. based on years obs. un-weighted. Period of average

Ref.

File No. E. 1361/44

Diameter	8"			220	579		5"				
Height	1' 3"		1 0				1' 0"				
Altitude	90'						90'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.23	2.30	3.43	1.52	1.67	1.80	2.12	3.87	1.09	1.36	Totals 21.39
February	1.96	.70	.58	1.45	1.36	1.55	1.43	.89	1.03	2.41	13.36
March	3.25	2.81	.49	.25	.77	1.71	3.74	.90	1.01	.60	15.53
April	1.41	.61	.96	1.77	1.20	.68	1.37	.99	1.09	1.37	11.45
May	1.91	1.97	1.27	.68	1.85	1.34	.39	.99	1.91	1.30	13.61
June	.66	.58	1.84	1.58	1.72	3.36	2.10	2.46	.42	1.14	15.86
July	2.01	2.26	.75	1.62	1.52	2.61	1.40	1.26	.52	2.45	16.40
August	3.76	1.06	.86	1.11	2.90	3.94	1.38	3.94	1.16	1.87	21.98
September	.28	2.03	2.46	2.60	1.47	1.60	.82	1.69	1.16	3.18	17.29
October	2.38	4.17	1.60	3.78	1.11	1.34	.30	1.57	3.99	.59	20.83
November	2.53	3.17	1.72	3.89	.83	3.38	1.46	1.64	2.09	4.14	24.85
December	1.64	2.66	1.53	1.42	2.29	3.08	3.72	1.34	1.49	1.50	20.67
TOTALS	24.02	24.32	17.49	21.67	18.69	26.39	20.23	21.54	16.96	21.91	213.22

1941. Hedge &amp; Shrubs 8' 2 5' high 40' 2 36' S.W.

1943 Hedge 12 ft. high 15 yds S

1944 Hedge 4 ft. high 15 yds S

\* Used in General Table. Origin unknown

1950 Hedge 12 ft. high 45 ft. S.

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	Direction
1941			Melton	1 1/2 m.	S	Melton	1 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 1357

## RAINFALL at Melton (St. Audry's Hospital)

51

County of Suffolk

Observer The Clerk & Steward  
The Senior Admin. Officer (1950)

River Basin Deben: 6.3

The Secretary

Type of Gauge Snoddon M.O. M.H

omitted 1955

Annual Average 23.8 in. based on years obs. un-weighted. Period of average Ref.  
Origin unknown

File No. E1361/44

Diameter ...	5"			220	579						
Height ...	1' 0"									10"	
Altitude ...	90'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	1.63	2.40	.77	1.64	2.13	3.89	1.30	2.57	1.71	3.24	21.28
February ...	3.46	.81	1.16	2.06	1.86	1.35	2.44	2.85	.20	1.10	17.29
March ...	2.86	3.02	.30	2.10	1.21	.75	1.22	1.21	1.03	1.36	15.06
April ...	3.03	.48	1.54	.30	.40	.85	.32	(1.10)	1.25	.54	9.81
May ...	1.98	1.15	1.32	1.23	2.17	.70	1.61	(3.00)	.05	.58	13.79
June ...	1.87	1.61	2.10	1.43	2.91	1.57	1.86	(4.00)	.53	1.36	19.24
July ...	2.79	.82	2.31	2.45	.18	1.86	2.62	(2.00)	2.63	3.48	21.14
August ...	3.35	2.53	1.43	4.25	2.79	4.07	2.48	(3.70)	1.36	2.79	28.75
September ...	3.03	3.06	1.45	1.37	1.37	2.29	2.71	2.73	.03	4.03	22.07
October ...	.40	1.51	1.60	1.80	4.22	1.53	1.63	2.37	1.82	5.61	22.49
November ...	4.54	4.43	1.08	4.02	.59	.97	1.65	1.09	2.36	2.98	23.71
December ...	1.91	2.30	.54	2.15	1.42	1.90	2.39	3.21	2.91	3.40	22.13
TOTALS ...	30.85	24.12	15.60	24.80	21.25	21.73	22.23	(29.83)	15.88	30.47	236.76
	d	d	d	d	d	d	d	np	d	d	?

1951 Hedge 12' high at 45° N. 1956 Trees 50' at 40° SW.  
1956 low, but accept.

INSP. MAR. 1958 J.B.K. sheltered all road. Holes in wall of fence. New sites chosen

1958 g. moved 250 yds. from bush 3° 15' NE.

1958 4 too much est.

1954 low but accept D. 07604

(62)

Rejected.

Read in General Table, origin unknown  
An. Av. 23.08 in. based on 7 yrs. obs. 1951-57. Period of av. 1916-50 Tn 283516

Position of Station on Ordnance One-Inch map : No. of Map 150 National Grid Reference TM 286517

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1951			Melton	15 m.	S.	Melton	1 m.	S.

Summary of Earlier Records from 10-year Sheets :

1916-1950 P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓