

## RAINFALL at Great Yeldham The Oak House

County of Essex

Observer G. A. Goodchild Esq.

River Basin Colne + C 5

Snowdon Rain Gauge, by

Diameter ...			5								
Height .....			16						26		
Altitude ...			150							200	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			3.04	2.38	1.52	2.55	1.11	1.44	2.41	2.44	
February ...			1.14	.61	1.94	2.37	3.24	.68	.50	2.64	7.40
March .....			3.02	1.62	3.86	1.27	2.11	1.45	.81	2.27	7.64
April .....			.19	1.76	.79	.54	1.58	1.24	2.24	3.26	8.32
May .....			.90	2.03	1.23	1.79	1.79	.94	1.65	.36	4.74
June .....			1.66	1.24	1.64	.59	2.47	1.16	1.02	1.17	5.82
July .....			1.20	1.44	2.28	3.44	1.08	2.64	5.12	2.97	11.81
August .....			5.73	.35	.70	2.77	3.93	5.80	.95	2.19	12.87
September ..			2.72	1.38	.98	1.54	1.52	1.24	3.51	.81	7.08
October ...			1.69	2.93	1.52	1.42	3.72	4.00	2.14	.74	10.60
November ...			1.92	2.02	2.22	2.14	3.42	1.59	1.87	2.28	9.16
December ...			1.98	.81	5.75	4.34	2.81	.81	2.45	3.53	9.60
TOTALS ...			25.19	18.57	24.43	24.76	29.78	22.99	24.67	24.66	102.13

1912 Trees

20 JUN E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Yeldham	1/4 m	SE	Yeldham	1/6 m	WNW

1326

Hall (1923)

20

## RAINFALL at St. Geldham's & the Oak House

County of Bremer

Observer: Ea Goodchild

River Basin C 5

11-2 1238

Diameter ...	5										
Height .....	2	6	2	0	2	0	2	0	2	0	2
Altitude ...	200										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MERITS 1930
January ...	2.30	2.03	3.39	1.45	2.37	1.05	2.23	1.12	3.21	1.76	1.86
February ...	.56	.16	1.67	2.76	1.06	2.69	2.38	3.13	1.23	.57	.62
March ..... March .....	1.63	.86	1.72	1.46	.50	1.20	.14	1.68	2.07	.06	1.55
April..... April .....	3.66	1.67	2.81	1.30	2.43	1.97	3.02	2.05	1.02	1.43	1.68
May .....	1.28	1.13	1.27	1.10	4.43	2.77	1.38	.86	1.60	1.27	2.82
June .....	1.13	.28	1.19	.52	2.37	.60	2.56	3.12	2.22	1.08	1.12
July .....	3.58	.28	4.35	1.67	2.91	2.60	3.35	2.84	2.35	2.26	3.42
August .....	1.15	1.75	2.04	2.02	2.13	2.89	1.55	2.69	2.15	1.20	2.65
September...	2.59	1.57	2.54	2.31	3.38	2.83	1.41	4.09	.85	.53	3.93
October..... October .....	.79	1.34	.92	4.50	4.40	2.62	2.40	1.89	2.92	3.12	1.14
November...	.55	1.51	1.20	2.05	2.99	2.07	3.38	2.32	1.79	4.05	3.32
December...	2.45	1.42	1.72	2.38	2.27	1.70	.49	2.92	2.45	4.85	2.46
TOTALS...	21.35	14.00	24.82	(23.52)	31.24	24.99	24.29	28.71	23.86	22.18	26.57
	4	7	3	P	7	P	P	P	P	P	P

1920 trees needed. 100' from 4 miles NW. Trees 20' high 20 yrs encircled

1923. Gauge moved Sept. 20 " 4 miles NW. Pass 20

1877 Trees 30' high 60' all round.

1929 Trees 30' high 60' across.  
1930. Trees 10' high 20' encircling.

1930. Trees 10 high 20 encircling.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1980			Yelthen	4 mi	SE	Yela	4 mi	NW

25  
RAINFALL at Great Yeldham Hall.

County of ESSEX..... Observer G.A. Goodchild, Esq.

River Basin Colne &amp; C. - S'.

Type of Gauge M.O. (Glasius 120)

Annual Average 23.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915

Ref. P.B.379

896541/29

Diameter	5.	5											Total, Months
Height	1.6	2.0	1	6									
Altitude	220	200		200									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	1.68	1.99	1.51	1.25	2.46	3.86	4.06	2.59	5.07	1.59	2506		
February	2.21	1.38	1.23	1.29	2.29	2.18	2.55	1.49	1.76	1.76	1414		
March	1.12	1.10	2.09	2.34	1.56	1.72	2.95	1.38	1.63	2.96	1485		
April	2.76	1.74	1.08	1.72	2.79	1.42	3.18	1.29	2.31	2.08	1937		
May	2.86	3.74	1.24	1.59	1.79	1.91	2.51	1.38	1.05	2.20	1827		
June	1.73	1.54	2.12	1.55	2.38	3.13	1.69	1.51	1.92	1.33	1590		
July	3.44	2.33	2.25	1.57	1.44	3.28	1.34	1.06	2.38	3.50	2159		
August	3.34	1.40	1.10	1.80	1.32	1.55	1.03	1.48	2.74	1.17	1493		
September	1.60	1.49	2.07	1.26	2.59	1.79	1.44	1.39	1.38	1.63	1594		
October	1.70	5.09	2.09	1.40	2.21	1.70	2.00	2.61	4.89	1.98	2467		
November	1.81	1.73	1.16	1.65	3.76	3.06	1.42	2.30	3.72	6.43	2704		
December	1.82	1.40	1.52	3.42	2.66	1.74	2.97	2.76	1.08	1.57	1784		
TOTALS	23.07	20.93	18.76	18.84	25.15	24.34	27.14	17.24	28.93	25.20	22960		KM

1931. Trees 10' high 20 yds encircling.

1934. Tree 20' " 10" S. N.W.

" 30' " 20" N.W.

1935. Trees 18' high 20 yds encircling st.

Yearly cards - commencing 1942

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.			Gt Yeldham	1/2 mile	SE	Gt. Yeldham	80 yds NW

Station No. M 1326

## RAINFALL at Gt. Yeldham Hall.

County of Essex

Observer

G.A. Rothschild, Esq.,

River Basin Colne No. 5

Type of Gauge M.O.

Annual Average 23.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915. Ref P.B. 379

File No. 826541/29.

Diameter	5"		228	276							
Height	1' 6"										
Altitude	200'						80'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.95	2.57	4.17	1.54	1.87	1.42	1.68	3.19	1.02	1.22	Totals
February	2.03	1.20	.90	1.10	1.27	1.81	1.50	1.14	1.22	2.83	20.63
March	3.33	1.58	.47	.62	.94	1.23	4.31	.86	.79	.49	15.00
April	1.14	.84	.96	1.26	1.08	.89	1.53	2.03	1.58	1.57	14.62
May	1.76	1.91	1.06	1.00	3.24	1.20	.66	3.17	1.71	1.58	12.88
June	.67	.34	1.48	1.73	1.75	2.30	3.12	1.77	.82	1.33	17.29
July	2.34	2.35	1.21	2.42	1.64	5.57	3.18	1.27	.64	3.24	15.31
August	3.59	1.97	1.16	1.87	1.73	3.33	.36	3.53	1.28	1.59	23.26
September	.43	1.95	1.64	3.46	2.97	3.03	1.24	1.88	.68	3.18	20.46
October	2.16	3.79	1.49	3.27	2.38	1.68	.18	1.70	5.06	.41	19.86
November	2.12	2.20	1.59	3.00	.53	2.99	1.14	1.38	2.01	3.48	22.12
December	1.21	2.66	1.47	1.16	3.04	2.20	2.76	1.66	1.50	1.58	20.44
TOTALS	22.73	23.36	17.60	22.43	22.44	27.65	21.66	22.98	18.31	22.50	22.66

1947 altitude corrected by observer.

1950 Trees 10' high 20 yds.

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

BRITISH RAINFALL ORGANIZATION

Station No. 1326

M

25

RAINFALL at St. Yeldham Hall (The Oak House) w.e.f. 22.10.58  
 County of Essex Observer P.A. Goodchild Esq. w.e.f. PR 1958  
 River Basin Colne & C. S. 5  
 Type of Gauge M.O.

Annual Average 23.1 in. based on 22 years obs. up-weighted. Period of average 1881-1915 Ref. P.B. 379  
 23.40 " " 35 " 1916-1950 1916-1958 File No. 896541/29 P

Diameter ...	5"											
Height ...	1' 6"											
Altitude ...	80'											165
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	1.82	2.09	.93	1.37	2.16	3.01	1.18	1.95	2.05	2.02		18.48
February	3.87	.63	1.02	1.91	1.97	.70	2.04	2.64	.11	1.14		16.03
March	3.05	3.02	.33	2.21	1.44	.61	1.20	.78	1.62	1.72		15.98
April	2.80	1.34	2.02	.36	.27	.96	.20	.85	2.03	.51		11.33
May	2.83	.64	1.43	2.17	2.75	.62	.81	1.98	.36	.90		14.39
June	.97	1.78	2.82	2.97	2.12	1.72	1.80	4.43	2.49	1.10		22.20
July	1.10	.81	2.85	2.83	.45	2.62	2.55	2.75	2.30	3.14		21.30
August	2.52	2.44	1.85	3.19	1.24	4.16	2.51	4.06	.53	3.19		25.69
September	3.68	2.66	1.77	1.23	2.02	1.41	2.69	3.51	.04	3.69		22.65
October	.68	2.01	2.71	2.02	4.26	2.28	2.08	1.92	1.80	5.64		25.40
November	3.92	4.06	.99	3.26	.52	.79	2.03	1.46	2.39	2.99		22.41
December	1.67	2.25	.73	2.13	1.77	1.96	1.63	2.72	3.75	2.76		21.37
TOTALS ...	28.86	23.73	19.35	25.65	20.97	20.63	20.72	29.05	19.47	28.80		237.03
	D	D	D	D	D	D	D	D	D	D		

1951. Years 10' 20 years.

22.10.58 450 ft. from 32. 22.10.58 to original 1923 site. Tree (30') 60' S. Tree (20') 30' E  
 Height should always have been above 150'; given of 22.10.58 as 164-165 although  
 the Hall is possibly a few feet lower than the Oak House

160.386

Position of Station on Ordnance One-Inch map :	No. of Map	National Grid Reference 57/257386
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Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Yeldham	4	w	St. Yeldham	80yd

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	
		C'12		✓		✓		✓		✓
		✓ lat -12		✓ lat -27		✓		✓		✓