

RAINFALL AT Yelsted School

Lat. ....

Lon. ....

County of

EssexBlackwater - It.

Rain Gauge, by

Observer

per J. H. Owen

Diameter ....				5							
Height .....											
Altitude ....				248							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....											
February ....											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September....											
October .....											
November ....											
December ....											
TOTALS ....				22.90	16.37	24.82	22.56	16.17	23.43	22.76	

1883-1911 (1895 imp) Totals only, 1912, 1913 Received  $\bar{x}$  14 Entered 30.XI.14

RAINFALL AT 4 elsted School

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

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

County of Essex

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

Observer per J. H. OwenBlackwater - 4.

Diameter ....	<u>5</u>											
Height .....												
Altitude ....	<u>248</u>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....												
February ....												
March .....												
April .....												
May .....												
June .....												
July .....												
August .....												
September...												
October.....												
November...												
December ....												
TOTALS . . .	<u>2087</u>	<u>2273</u>	<u>2387</u>	<u>1827</u>	<u>2176</u>	<u>(imp)</u>	<u>2412</u>	<u>2095</u>	<u>2025</u>	<u>2520</u>		

1883-1911 (1895 imp) Totals only, 1912, 1913 Received 8 14 Entered 30 81 14

RAINFALL AT Filsted School

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

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

County of Essex

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

Observer per J. H. OwenBlackwater - 4.

Diameter ...	<u>5</u>										
Height .....											
Altitude ...	<u>248</u>										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...											
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September ..											
October ...											
November ..											
December ...											
TOTALS ...	<u>20.87</u>	<u>19.11</u>	<u>19.76</u>	<u>30.20</u>	<u>16.36</u>	<u>18.76</u>	<u>26.21</u>	<u>20.94</u>	<u>20.81</u>	<u>26.87</u>	

1883-1911 (1895 imp) Totals only, 1912, 1913. Received  $\bar{x}$  14 Entered so  $\bar{x}$  14



## RAINFALL at Felsted School

County of Essex Observer J. H. Owen Esq.  
 River Basin Blackwater - 4.  
 Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....						1.2						
Altitude ...	248											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...			2.64	2.69	1.17	3.01	1.52	1.56	2.88	2.74		16.19
February ...			1.15	.46	2.13	2.80	3.70	.61	.62	2.93		8.70
March .....			3.16	1.27	3.91	1.20	4.08	1.67	1.06	2.63		7.86
April .....			.17	2.02	.76	.65	.97	1.99	2.44	3.09		9.34
May .....			.85	1.75	1.53	.96	2.21	1.98	1.53	.47		8.47
June .....			2.92	1.24	1.61	.62	2.17	2.45	.93	1.45		6.19
July .....			1.68	1.53	2.28	3.09	.94	1.00	4.54	2.48		7.00
August .....			5.31	.28	.74	3.05	3.84	5.01	1.42	2.08		8.96
September ..			2.44	.51	1.05	.85	.99	1.28	4.82	.81		12.35
October ...			1.70	3.80	1.55	1.60	3.67	3.40	1.54	.77		7.90
November ..			2.17	2.61	2.48	2.78	3.96	1.85	1.76	1.93		9.42
December...			2.18	.70	5.50	4.88	3.21	.88	2.18	3.43		9.50
TOTALS ...	24.06	21.09	26.37	18.86	24.71	25.49	31.26	23.68	25.76	24.71		9.70
												105.41
												24.71

1883-1911 (Totals only) 1912, 1913 Received £.14  
 1895 imp.

Entered 30. XII. 14

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51. 51.	27' E	Felsted	1 1/4 m	WNW	Felsted	150 yds	W

RAINFALL at Felsted SchoolCounty of EssexObserver John G. R.A.River Basin Blackwater &(1925) E.H. Lockwood Esq. from July.

(1925) British Ass. Rain Gauge, by

Diameter ...	5											
Height .....	1 2					0. 10						
Altitude ...	248											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1930	Totals
January ...	2.62	1.91	2.99	1.22	2.71	1.87	2.50	1.74	3.13	1.73	1.74	24.16
February ...	.39	.38	1.77	3.19	.77	2.51	2.36	3.61	1.44	.45	.45	17.32
March .....	1.19	.89	1.63	1.61	.78	.90	.03	2.12	2.44	.02	1.28	12.89
April .....	4.44	1.38	2.15	1.07	2.62	1.55	3.23	1.95	1.05	1.64	1.95	23.03
May .....	1.49	.95	.71	1.27	4.35	2.14	1.52	0.38	1.56	1.10	1.90	17.37
June .....	1.14	.21	1.01	.78	2.26	.35	3.09	3.15	2.65	.59	.82	16.05
July .....	4.01	.52	2.75	1.30	3.39	4.08	2.31	2.61	1.56	1.62	2.29	26.44
August .....	1.61	1.74	2.05	1.81	2.04	2.58	1.29	3.19	2.07	1.42	2.93	22.73
September...	2.92	2.28	2.26	1.72	2.86	2.44	.91	4.04	.68	.82	3.77	24.70
October .....	.97	1.33	.77	4.66	3.75	2.93	2.18	1.75	3.33	2.87	1.04	25.58
November...	.55	1.58	1.23	1.98	2.94	1.66	3.94	2.22	2.23	4.32	3.51	26.16
December...	2.67	1.24	1.98	2.13	2.52	1.82	.67	2.45	3.19	3.93	2.12	24.72
TOTALS...	24.00	14.41	21.30	22.74	30.99	24.83	24.03	29.21	25.33	20.51	23.80	261.15

1926. Fruit Tree 4' 6" high 270° N.W. Bush 7' high 340° N.

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
	51.51	027' E.	Felsted	1 1/4 mi	SW.	Felsted	150 yds	N.

RAINFALL at Felsted SchoolCounty of EssexObserver E. H. Lockwood, Esq.River Basin Blackwater - 4Type of Gauge B/A 1935Annual Average <sup>\*</sup> in. based on ..... years obs. un-weighted. Period of average ..... Ref. 675837/26

Diameter	5.											
Height	0.10.				1 0							
Altitude	248.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
January	1.74	1.19	1.81	1.48	2.09	3.60	3.64	2.76	5.12	1.17	2460	
February	1.80	.30	1.00	.18	2.51	1.44	3.24	.43	.58	1.01	1249	
March	.14	1.45	1.81	2.11	.41	.66	2.92	.32	1.47	2.80	1409	
April	3.32	1.30	1.03	1.93	2.55	1.39	2.95	.28	3.00	1.56	1931	
May	2.58	3.73	1.50	.61	1.62	1.44	2.34	1.71	.78	.70	1701	
June	1.14	.41	1.17	1.17	3.60	2.81	1.68	1.36	1.87	.29	1450	
July	4.42	2.58	1.27	2.08	.36	3.30	1.58	1.42	2.79	3.12	2292	
August	3.74	.94	.46	2.69	1.75	.57	.88	3.76	3.01	.13	1493	
September	1.69	1.77	1.71	1.06	3.01	1.84	1.42	3.33	1.33	.74	1790	
October	.61	5.06	1.77	.75	2.10	1.47	1.55	2.48	6.80	1.71	2430	
November	1.70	.96	1.13	1.46	4.11	(2.74)	2.01	2.21	4.17	6.96	2745	
December	.44	.43	.57	3.88	2.44	(1.76)	3.04	2.73	1.02	1.72	1803	
TOTALS	23.32	20.12	15.23	19.40	26.55	(23.02)	27.25	18.79	31.94	21.91	22753	

1932. Fruit tree 4' 6" high 6' N.W. Bush 7' high 9 yds N.

1933. Tree 5' 8" high 4' W.

" 10' " 18' S.

" 24' " 24' E.

" 45' " 75 yds S.W.

1934. Gauge moved 900 ft N.W. on Nov. 29, 1934.

Thermometer screen 5' high 7' S.

Fruit Tree 6' " 6' N.

\* As Corbin remarks that this record is irregular and should yield average of 22.5 in.  
 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
1932.			Felsted	1 m.	N.W.	Felsted	150 yds.	S.W.
1935			Felsted	4550 yds.	N 60° W	Felsted	450 yds.	S 20° W



Station No. M 1303RAINFALL at Felsted School

41

County of SsexObserver E. H. Lockwood, Esq.River Basin BlackwaterHeadmaster is authority.Type of Gauge 75J. H. L. Esq.\* Annual Average 22.9 in. based on 22 years obs. un-weighted. Period of average Ref.File No. 675837/26

Diameter	5"			232	137						
Height	1' 0"										
Altitude	248'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	2.34	4.11	1.44	(1.59)	1.27	2.10	3.40	1.20	1.56	
February	1.89	.91	1.14	.86	1.48	2.14	2.05	1.43	1.26	3.66	
March	3.08	2.17	.32	.23	.99	1.02	4.94	.99	.80	.55	
April	1.33	1.00	1.06	1.68	.89	.94	1.87	2.10	1.54	1.84	
May	1.41	1.99	1.32	.89	2.49	2.04	.56	2.13	2.08	1.57	
June	.40	.39	2.95	1.85	2.67	2.87	2.73	2.78	.63	2.10	
July	2.15	2.53	1.84	1.33	(2.50)	2.99	4.43	1.13	2.68	3.87	
August	3.95	2.04	1.23	1.89	1.78	3.76	.30	4.11	1.36	1.53	
September	.43	1.60	2.03	2.79	2.47	2.58	1.61	1.25	.89	3.11	
October	1.37	3.79	1.49	3.19	2.14	.88	.14	(2.38)	5.27	.26	
November	2.34	1.79	1.46	3.08	.21	3.11	.99	(1.97)	2.45	4.29	
December	1.47	2.43	1.25	1.38	(2.75)	1.71	2.87	1.97	1.49	1.63	
TOTALS	21.84	22.98	20.30	20.61	(21.96)	25.31	24.59	(25.64)	21.65	25.97	

1945 Record incomplete.

1948 Oct &amp; Nov, estimated.

Jan. pr.

est'd for snow

40404

00064

\* 1/2 Cornish remarks that record is irregular &amp; showed yearly average of 22.5 and 13.5, 51.245/36

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.

Station No. 1303 M

## RAINFALL at Felsted School

51

County of Essex

Observer J. N. Lee Esq.

River-Basin Blackwater - 4

F. M. Lee, Esq. (1952)

Type of Gauge M BA

Annual Average \* 22.9 in. based on years obs. un-weighted. Period of average 1916-1950 Ref. 23.57 " " 35 " 1916-1950 File No. 675837/26 P

Diameter ...	5"			232	137					5"	
Height ...	1' 0"									1' 0"	
Altitude ...	248'									240'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.08	2.34	1.05	1.11	2.48	3.44	1.31	1.92	2.25	2.12	20.10
February ...	5.14	.67	1.28	2.02	1.79	.54	2.19	3.09	.15	1.68	18.55
March ...	2.84	3.25	.39	2.12	1.21	.87	1.19	.83	1.66	1.16	15.52
April ...	2.69	.96	2.33	.22	.18	1.14	.15	1.00	2.58	.50	11.75
May ...	2.37	.73	1.63	2.21	4.66	.55	.95	2.63	.69	1.68	13.10
June ...	.96	1.17	1.75	2.88	3.30	1.64	1.94	4.98	.64	1.66	20.92
July ...	1.01	.65	3.30	2.41	.44	4.27	3.24	2.93	1.48	2.89	22.62
August ...	2.97	2.06	1.66	2.92	1.07	4.79	2.19	3.61	.76	4.54	26.57
September ...	4.28	2.55	2.09	1.17	1.87	2.66	2.50	3.74	.00	4.93	25.79
October ...	.67	2.17	3.26	1.82	3.81	2.41	1.90	2.42	1.66	5.56	25.68
November ...	3.83	3.95	1.19	3.34	.63	.47	2.75	1.65	2.63	3.60	24.04
December ...	2.03	2.17	.74	1.79	1.73	2.39	1.99	3.16	4.75	2.68	23.42
TOTALS ...	30.87	22.67	20.67	24.01	23.17	26.17	22.30	31.96	19.25	33.00	253.07
	D	D	D	D	D	D	D	D	D	D	

Inspected 23.3.60 by G.H. Butler. G. J. J. keeps. Site satisfactory. Bottle rec. noted &amp; jng.

\* Mr. Cornish remarks that record is irregular &amp; should yield average of 22.5. end. 138 56/245/36

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference T1 (52) 66005 67605

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ 1910-11 Rainfall Table only ✓ List - 10-13	✓	✓	✓ List - 10-13	✓