

RAINFALL at Great DunmowCounty of EssexObserver Mrs. Hasle + ChapmanRiver Basin BlackwaterBritish Assoc.ⁿ Rain Gauge, by Townsend's Meters.

Diameter ...				5							
Height				6						1	0
Altitude ...				250		215				200	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		1.43	2.62	2.76	1.12	2.86	1.40	1.44 ³	2.65	2.67	Total 16.19 8.15
February ...		1.40	1.40	.64	1.87	2.82	4.17	.65 ^{1.68}	.59	2.56	7.97
March		2.00	3.00	1.87	3.82	1.51	4.18	1.70 ^{1.68}	1.01	2.45	9.33
April .....		.93	.18	2.01	.80	.76	1.09	1.08 ^{1.68}	3.08	4.00	10.14
May		1.67	1.06	1.63	1.49	2.09	1.83	1.88 ^{1.68}	1.62	.61	5.84
June		2.09	2.31	1.14	2.24	.95	2.42	.61	.85	1.45	5.33
July .....		.38	1.53	1.41	2.37	3.64	1.03	3.14	4.19	2.50	10.86
August .....		.52	5.05	.51	.73	3.58	4.07	5.44	1.08	2.10	12.69
September ..		1.37	2.62	1.10	1.17	1.87	1.45	1.32	3.34	1.04	7.16
October ...		2.70	1.87	3.26	1.39	1.54	3.21	3.43	1.63	.79	7.06
November ..		2.96	2.55	2.45	2.59	2.39	3.53	1.70	2.15	2.35	9.73
December...		4.07	2.23	.77	6.07	4.66	2.91	1.07	2.36	3.50	9.84
TOTALS ...		21.52	26.42	19.55 ^{1.7}	25.66	28.67 ^{1.7}	31.29 ^{1.7}	24.37 ³	24.55 ^{1.7}	25.92 ^{1.7}	106.09 4.66

1911 & 1912 Received III. 14 Entered 20.XI.14

1914 Pear Tree 12 ft high 3 1/2 yards W
 1917. corrected by F 1090, 5/6/56. 40.6

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.53	0.23	Dunmow	300 yds	S.E.	Dunmow	1 1/4 mile	N.E.

RAINFALL at Great Dunmow.County of EssexObserver Messrs. Hoar & Chapman Co. Ltd.River Basin BlackwaterB. 1100 Rain Gauge, by London & Essex

Diameter ...	5												
Height	1	0											
Altitude ...	215				201								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>Mean</u> 1920		
January ...	1.45	1.43	2.74	1.07	2.53	1.44	2.52	1.47	3.06	1.49	1.86	Totals	22.08
February ...	.61	.26	1.50	3.01	.77	2.49	2.59	3.59	1.22	.55	.72		17.37
March	1.48	1.02	1.63	1.52	1.03	.98	.15	2.26	2.18	.15	1.35		13.75
April	4.17	1.88	2.50	1.32	2.58	1.69	3.13	1.83	1.09	1.64	2.17		24.00
May	1.50	.68	.64	1.33	5.67	2.22	1.22	.70	1.58	1.29	1.94		15.77
June	1.37	.23	.96	.93	1.65	.52	2.92	3.40	2.79	.43	1.21		16.41
July	3.80	.23	2.53	1.56	3.36	4.22	2.18	2.92	1.77	2.47	2.52		27.56
August	1.91	.99	2.05	1.78	1.99	2.59	1.17	3.68	2.06	1.51	2.15		21.88
September...	2.62	2.16	2.29	1.60	2.87	2.32	1.74	4.44	.68	.88	3.17		24.77
October .....	.68	.87	.61	4.13	3.26	2.68	2.37	2.07	3.43	3.04	1.27		24.41
November...	.42	1.65	1.08	1.78	2.72	1.60	3.84	2.38	2.13	4.42	3.44		25.46
December...	2.47	1.31	1.40	2.02	2.33	1.85	.52	2.48	2.93	4.28	2.26		23.85
TOTALS...	23.48	12.71	19.99	22.05	30.76	24.60	24.37	31.22	24.92	22.15	24.06		260.31
	D	D	D	D	D	D	D	D	D	D	D		424

1920. Gauge 18 ft high

1924. Gauge moved 28 ft. 6 in. 80 yds. S.E.

Shed 20 ft high 45 ft. N.W.

" " " 21 " " S.E.

" " " 127 " " S.E.

1925. Gauge moved 22 yds. S.E. 25.3.25.

1926. Shed 50 ft. high 25 ft. S.W.

1930. Shed 12' high 21 yds N.W.

Garage 20' " 35 yds N by E

Hill 100' " 27 yds SW

Shed 20' " 23 " W

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	51° 22'	22'	Dunmow	300 yds	S.E.	Dunmow	1 1/2 mi	N.E.

RAINFALL at Great DunmowCounty of EssexObserver Messrs. Hasler & Co., Ltd.River Basin Blackwater - 4Type of Gauge B.A.Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.
" " 22.9 in. computed by Mr. Cornish (1938) Ref. 561245/36 663203/26

Diameter	5.											
Height	1.0.											
Altitude	200.				241	200	241					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means	
January	1.73	1.00	1.56	1.29	2.28	3.51	3.57	2.89	5.61	1.72	25.16	
February	2.11	.29	1.15	.25	2.50	1.93	3.25	.71	.82	1.28	14.29	
March	.11	1.17	2.03	2.19	.42	1.04	2.98	.37	3.08	3.08	16.47	
April	3.09	1.73	1.20	2.13	2.71	1.27	3.35	.20	1.94	1.49	19.11	
May	2.84	3.02	1.16	.48	1.42	1.01	2.24	1.82	1.35	.85	16.29	
June	1.37	.45	1.65	1.31	4.03	3.50	3.43	.34	1.66	.30	18.03	
July	6.30	2.73	1.75	2.13	.65	3.64	1.75	2.20	2.22	3.67	27.04	
August	3.67	1.12	.38	2.05	1.67	.56	.96	.97	3.14	-	14.52	
September	1.65	1.36	2.51	1.27	3.23	1.84	1.24	3.64	1.83	.71	19.28	
October	.72	5.21	1.79	1.26	2.55	1.82	1.51	2.37	5.00	2.15	24.38	
November	2.26	1.12	.99	2.02	4.08	2.84	1.91	2.48	4.19	5.62	27.51	
December	.59	.53	.46	3.91	2.80	1.98	2.63	2.36	1.28	1.78	18.32	
TOTALS	26.44	19.73	16.63	20.29	28.34	24.94	28.92	20.35	32.11	22.65	240.40	KM

1931. Shed 12' high 21 yds NW
 Garage 20' " 35 yds N by E
 Mill 100' " 27 yds SW
 Shed 20' " 28 yds W
 Tree 50' " 23 yds E by S.

1934 Gauge moved 55 yds. N.W. on 22nd Jan
 Shed 20' high 20 yds. S.
 " 6' " 10' S.E.

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			Dunmow LNBR	300 yds	ESE	Dunmow	1 mile	N by E

Station No. 1304

RAINFALL at Great Dunmow

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County of Essex

Observer Messrs. Hardin & Co. Ltd.

River Basin Blackwater - 4

Type of Gauge B.A. M.O. 1950.

Annual Average in. based on years obs. un-weighted. Period of average Ref. 561245/36

" " 22.9 " computed by Mr Cornish (1938) File No. 663203/26

Diameter	5"			231	940							
Height	1' 0"											
Altitude	241'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.92	2.51	4.02	1.82	1.30	1.58	1.70	2.77	1.24	1.28		Totals 20.14
February	1.77	1.18	.66	.72	1.36	2.12	1.73	.91	1.45	3.10		15.00
March	2.87	2.03	.37	.19	.95	1.34	4.08	.58	.79	.49		13.69
April	1.58	.85	1.15	1.49	1.08	.84	1.29	1.64	1.72	1.49		13.13
May	1.44	2.24	1.53	1.00	3.07	2.48	.47	1.83	2.13	1.54		17.73
June	.68	.36	2.11	1.97	1.49	2.00	1.37	2.72	.54	2.67		15.91
July	1.92	2.29	1.93	2.03	2.19	3.84	2.80	1.01	.92	3.47		22.40
August	4.19	1.84	1.26	1.97	1.23	3.06	.06	3.89	1.64	1.39		20.53
September	.44	1.45	1.81	3.01	2.17	2.50	1.51	1.01	.89	3.04		17.83
October	1.57	3.53	1.40	2.95	2.68	1.04	.08	2.31	4.41	.35		20.32
November	2.20	1.86	1.58	2.94	.31	2.97	.68	1.74	1.99	4.19		20.46
December	1.40	2.62	1.22	1.04	3.12	1.57	2.56	1.72	1.47	1.45		18.17
TOTALS	21.98 d	22.76 d	19.04 d	21.13 d	20.95 d	25.34 d	18.33 d n.p.	22.13 d	19.19 d	24.46 d		215.31 446

1941. Small shed 6' high by ds. S.S.E.

Council Office 20' high 35 yds. N.

1942. Shed. 25' .. 25' .. S.S.E.

Tree 25' .. 40' .. W.

1947 n.p. low.

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			Dunmow	300 yds	ESE	Dunmow	1 m.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1304

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RAINFALL at Great DunmowCounty of EssexObserver Harold Hasler & Co. Ltd.River Basin Blackwater - 4Type of Gauge B/A BA

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

" " 22.9 in. computed by Mr. Cornish (1938) ref. 561245/36 ¹⁹¹⁶⁻¹⁹⁵⁰ File No. 663203/26 P

Diameter ...	<u>23.49</u>	<u>based on 35 years 1916-1950</u>									
Height ...	<u>1' 0"</u>				<u>231</u>	<u>940</u>					
Altitude ...	<u>241'</u>										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.98	1.98									
February ...	4.49	.59									
March ...	2.56	2.92									
April ...	2.65	1.01									
May ...	2.32	.85									
June ...	1.01	.96									
July ...	.83	.79									
August ...	3.11	2.14									
September ...	3.90	2.45									
October ...	.72	#									
November ...	3.95										
December ...	1.76										
TOTALS ...	<u>29.28</u>	<u>INC</u>									
	<u>1</u>	<u>NP</u>									

1951 Small shed 6' 6yd SSE; Shed 25' 25yd SSE; Council Office 20' 35yd N; Tree 25' 40yd W;
 1952 House cleared on 3-batter; zone moved to N. 1307/58 commencing there 1.1.53
 NP incomplete

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference TL619215

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Dunmow	300 yd E.S.E.	Dunmow	1 mi N.W.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
	C ¹¹ ✓ ✓ lat - 11° 12' 14"	✓	✓ ✓ lat D 31' 33" 25	✓ lat NP 47 ✓ lat D 48' 50"	