

RAINFALL at Great Dunmow

County of Essex

Observer Mr. Haslet & Chapman

from

River Basin Blackwater

British Assoc." Rain Gauge, by Townsend & Merew.

Diameter ...				5							
Height				0 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	2.65	2.67		
February ...	1.40	1.40	.64	1.87	2.82	4.17	.65	.59	2.56		7.97
March	2.00	3.00	1.87	3.82	1.51	4.18	1.70	1.01	2.45		9.33
April93	.18	2.01	.80	.76	1.09	1.07	3.08	4.00		10.14
May	1.67	1.06	1.63	1.49	2.09	1.83	1.88	1.62	.61		5.84
June.....	2.09	2.31	1.14	2.24	.95	2.42	.61	.85	1.45		5.33
July38	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		7.15
October ...	2.70	1.87	3.26	1.39	1.54	3.21	3.43	1.63	.79		9.06
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	25.66	28.67	31.29	24.34	24.55	25.92		106.09

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

(1914 Pear Tree 12 ft high 3½ yards W
1917. Corrected by F 1090, 5/6/56. -4006

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
19.11	51.53	0.23	Dunmow	300 yds	S.E.	Dunmow	1/4 mile	N.E.

RAINFALL at Great Dunmow.

County of Essex

Observer Mrs. Hester & Chapman Esq.

River Basin Blackwater

B.M. Rain Gauge, by Townend Chear.

Diameter ...	5"												
Height	1' 0"												
Altitude ...	215				201								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.		
January	1.45	1.43	2.74	1.07	2.53	1.44	2.54	1.47	3.06	1.49	1.86	22.07	
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	.56	2.22	1.22	.70	1.58	1.29	1.94	18.77	
June	1.37	.23	.96	.93	1.65	.52	2.92	3.40	2.79	.43	1.21	16.01	
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	21.33	
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	24.42	
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	23.75	
TOTALS...	23.48	12.71	19.99	22.05	30.76	24.60	24.37	31.22	26.92	22.15	24.06	260.31	
	D	D	D	D	D	D	D	D	D	D	D	446	

1920. Gauge 18 ft. high

1924. Gauge moved 20 ft. Gnd. 80 ft. S.E.

Shed 26 ft. high 45° N.W.

21° S.E.

Mill 95 ft. 137° S.E.

1925. Gauge moved 2270 ft. S.E. 25.3.25.

1926. Tree 80 ft. high 23° N. 95° E. 65° S.

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

Garage 20, " 35 yds N by E

Mill 100, " 27 yds SW

Shed 20, " 28, " W

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

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	51° 22'	22'	Dunmow	3 miles	S.E.	Dunmow	1½ mi	N.E.

RAINFALL at Great Dunmow.

County of Essex.

Observer Messrs Hasler & Co., Ltd.

River Basin Blackwater - 4.

Type of Gauge B.A.

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

" " 22.9 in. computed by Mr. Cotterill (1938) Ref. 561245/36

663203/26

Diameter	5'												Total Means
Height	1.0.												
Altitude	200.					241	200	241					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
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	2.29	1.15	2.25	2.50	1.93	3.25	2.71	2.71	2.82	1.28	14.29	
March	.11	1.17	2.03	2.19	1.42	1.04	2.98	2.37	3.08	3.08	3.08	16.47	
April	3.09	1.73	1.20	2.13	2.71	1.27	3.35	2.20	1.94	1.49	1.49	11.11	
May	2.84	3.02	1.16	1.48	1.42	1.01	2.34	1.82	1.35	1.85	1.85	16.29	
June	1.37	4.45	1.65	1.81	4.03	3.50	3.42	1.34	1.66	1.30	1.30	18.03	
July	6.30	2.73	1.75	2.13	1.65	3.64	1.75	2.20	2.22	3.67	2.70	14.04	
August	3.67	1.12	.38	2.05	1.67	.56	.96	.97	3.14	-	1.45	2.52	
September	1.65	1.36	2.51	1.27	3.23	1.84	1.24	3.64	1.83	.71	1.92	28	
October	.72	5.21	1.79	1.26	2.55	1.82	1.51	2.37	5.00	2.15	2.15	24.38	
November	2.26	1.12	.99	2.02	4.08	2.84	1.91	2.48	4.19	5.62	2.75	1	
December	.59	.53	1.46	3.91	2.80	1.98	2.63	2.36	1.28	1.78	1.78	18.32	
TOTALS	26.44	19.73	16.63	20.29	28.37	22.94	28.92	20.35	32.11	22.65	24.04	10.00	KM
D	d	d	d	d	d	d	d	d	d	d	d	d	

1931. Shed 12' high 21 yds N.W.

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.E.

" 6' " 10' " S.E.

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.....
1 mile to 1 inch Series }

Data.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Dunmow LNER	300 yds	ESE	Dunmow	1 mile	N by E

Station No. 1304

RAINFALL at Great Jarrow

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County of Six

Great Jarrow

River Basin **Blackwater**

Observer Messrs Harker & 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 " compiled 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	Total 20.14
February	1.77	1.18	.66	.72	1.36	2.12	1.73	.91	1.45	3.10	15.0
March	2.87	2.03	.37	.19	.95	1.34	4.08	.58	.79	.49	13.6
April	1.58	.85	1.15	1.49	1.08	.84	1.29	1.64	1.22	1.49	13.1
May	1.44	2.24	1.53	1.00	3.07	2.48	.47	1.83	2.13	1.54	17.7
June	.68	.36	2.11	1.97	1.49	2.00	1.37	2.72	.54	2.67	15.9
July	1.92	2.29	1.93	2.03	2.19	3.84	2.80	1.01	.92	3.47	22.4
August	4.19	1.84	1.26	1.97	1.23	3.06	.06	3.89	1.64	1.39	20.5
September	.44	1.45	1.81	3.01	2.17	2.50	1.51	1.01	.89	3.04	17.8
October	1.57	3.53	1.40	2.95	2.68	1.04	.08	2.31	4.41	.35	20.3
November	2.20	1.86	1.58	2.94	.31	2.97	.68	1.34	1.99	4.19	20.2
December	1.40	2.62	1.22	1.04	3.12	1.57	2.56	1.72	1.47	1.45	18.1
TOTALS	21.98	22.76	19.04	21.13	20.95	25.34	18.33	22.13	19.19	24.46	215. 181

1981 Small sheet 6' high bds. S.E.

Council Offices 20' high 35-yds. N.

Shad: 76° - 76° - S-SF

Tree " 25' - 40' W.

1942. Jan & Feb. appointed.

1947 n.p. low.

Position of Station on reduced Ordnance Survey Map, | *No. of Map*
1 mile to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1941			Dunmow	300yds	ESE	Dunmow	1m.	N.E.

Station No. 1304

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RAINFALL at Great Dunmow

County of Essex

Observer Messrs Hasler & Co. Ltd.

River Basin Blackwater - 4

Type of Gauge B.B.W.D. B.A

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

22.9 in. computed by Mr. Cornish (1928) ref. 561245/36

1946-1950 File No. 663203/26 P

Diameter	5	23.49 in. based on 35 Years 1916-1950									
Height	1' 0"		23	1	9	40					
Altitude	241'										
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	H									
November	3.95										
December	1.76										
TOTALS	29.28	INC d NP.									

1951 Smashed 6' (old 55G); Shed 25', 25' yd SSE; Council Office 20' 35' yd N; Tree 25' 40' yd W;
 1952 Records erased on 3rd return; gauge moved to SE. 1307/5 & commencing them 1. 1. 53
 NP incomplete

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TL 619 215

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1951			Dunmow	300 yd	E.S.E.	Dunmow	1 mi	N.W. 45°

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 D 31' 33" 235
		✓ Lat - 11° 12' 14"	✓			✓ Lat D 48° 50"