

46

Values supplied by Mr. Britton (Shoeburyness) XI. 33.

Chelmsford Rainfall

	<u>1737</u>	<u>1738</u>	<u>1739</u>	<u>1740</u>	<u>1741</u>	<u>1742</u>
Jan	0.618	1.080	3.075	0.000	0.652	1.020
Feb	1.444	0.809	4.262	0.148	0.905	0.430
Mar	2.593	2.161	1.161	0.688	0.329	0.000
Apr	1.280	1.534	3.345	1.659	0.389	0.950
May	1.532	0.919	1.924	0.785	3.165	0.207
Jun	0.616	2.834	2.362	0.792	1.497	2.190
Jul	4.903	1.383	2.271	1.325	1.246	0.830
Aug	3.856	1.750	2.125	1.630	1.603	
Sep	3.652	1.803	2.257	1.741	2.218	
Oct	2.802	2.762	0.156	0.381	1.879	
Nov	?	2.021	1.826	2.259	2.014	
Dec.	1.969	1.825	1.557	2.794	1.300	
Tot.	24.965 (excl. Nov.)	20.881	26.321	14.202	17.197	

Source

Short, Dr. T. New Observations --- on the
Bell of Mortality (Lond. 1750) p. 328

Observer unknown.

MET. DE RAINFALL
RETROSPECTIVE

233254

NOR: TL (5W) 233254

ALT: 100 ft = 30 metres. Date of rev. 3-7-78

Note

Some of the printed totals are erroneous

RAINFALL AT ChelmsfordObserver Frederick ChancellorRain { By.....
Gauge Diameter..... 8 in.

Height above Ground, 1 ft. 7 in.

Above Mean Sea Level 803 ft.

Blockwater - 14.

YEAR.....							1868	1869	MEANS.
January							2.73	2.19	
February							1.06	2.33	
March							1.03	1.31	
April							1.26	1.24	
May							1.81	3.10	
June57	1.09	
July53	.30	
August							2.13	.88	
September.....							1.82	2.77	
October							2.12	1.92	
November.....							.79	2.54	
December							3.82	3.61	
TOTALS							19.67	22.28	

C C

RAINFALL AT Chelmsford

Lat..... Long..... County of Essex
 Rain Gauge, by..... Observer Fred Chancellor Esq.
 Blackwater - 4.

Diameter	.8	.8									
Height	1.	1.									
Altitude	86.	86	N								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	1.31	1.54	3.51	2.62	1.04	1.73	.88	4.49	1.32	2.36	2.080
February	.70	1.25	.77	1.94	.78	.72	2.22	1.81	1.26	2.89	1434
March	1.59	1.17	2.58	.93	.47	.36	2.79	2.92	1.17	.81	149
April	-3.2	2.20	1.93	.84	1.29	1.34	1.37	2.76	1.37	2.95	1577
May	.85	1.06	3.30	.70	1.72	2.18	1.04	1.88	4.32	3.22	2.027
June	.33	2.51	2.06	2.20	1.84	5.03	1.59	.53	1.35	4.55	2199
July	1.64	2.72	3.32	1.10	1.38	5.04	1.12	2.51	1.16	3.69	2368
August	1.87	1.33	1.62	2.65	1.10	.80	1.48	2.54	5.12	3.75	2226
September	2.19	4.35	1.13	2.16	2.04	2.51	2.94	.98	1.91	3.48	2369
October	+3.40	1.47	3.72	3.03	4.18	3.60	.91	1.85	1.97	.73	2486
November	1.36	-70	2.77	2.27	1.97	3.79	3.17	3.31	3.59	1.12	2405
December	2.81	1.11	3.26	.48	1.75	.82	5.51	1.84	1.11	1.25	1994
TOTALS	18.37	21.41	29.37	20.92	19.56	27.92	25.02	27.42	25.65	30.80	26644

C C C

1875 Gauge slightly sheltered all round

1878 Buildings on three sides of gauge within 4 or 5 yards & varying from 6 to 15 ft in height

RAINFALL AT *Chelmsford***80**

Lat.

Lon.

County of *Suffolk*

Rain Gauge, by

Observer *F. Chancellor, Esq.*

Blackwater - 14

Diameter	8										
Height	1.0										
Altitude	867										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January15	1.32	94	1.63	2.00	1.26	2.99	1.17	.92	.68	1.306
February	1.50	2.36	1.05	2.93	1.23	2.57	.75	.49	1.66	2.02	1.590
March72	1.76	.97	.80	1.58	1.32	1.13	1.16	2.79	1.61	1.404
April	1.53	.56	2.32	1.84	.83	1.53	.90	1.19	1.68	1.93	1.433
May67	.63	1.14	1.86	.60	1.88	2.23	1.32	.80	3.20	1.403
June	3.00	1.85	2.20	2.45	.94	1.46	.26	.44	2.34	1.40	1.633
July	5.24	1.72	2.96	2.06	2.47	.48	2.40	1.27	3.41	1.67	2.368
August50	3.94	1.77	.64	.57	3.20	1.38	1.60	4.13	2.63	2.036
September	2.63	1.94	2.57	2.71	2.14	4.09	.90	1.95	.96	2.50	2.289
October	6.26	3.03	5.60	2.43	1.57	3.47	1.94	1.34	1.28	3.88	3.080
November	2.37	2.39	2.80	3.00	.96	2.61	2.46	3.80	3.85	1.18	2.542
December	2.62	3.00	2.76	.91	2.69	.60	3.62	1.26	1.10	1.20	1.976
TOTALS	27.21	24.50	27.05	22.96	17.58	24.61	20.35	16.99	24.92	23.90	23.010 27.21

20289

1880. St. Mary's, 400 feet - N.W.

Buildings 6ft to 15ft high 12ft to 15ft distant N, E & S.

RAINFALL AT Chelmsford High Street

Lat.

Long.

County of

Essex

Rain Gauge, by

Observer

F. Chancellor Esq

Blackwater - 14.

Diameter	8										
Height	1 0										
Altitude	86	ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.01	1.39	.48	1.30	2.28	1.64	.62	1.98	.81	1.93	1.444
February	1.12	.00	2.42	2.62	1.07	.08	.64	2.39	.88	1.59	1.276
March	2.16	1.74	1.08	.30	.62	1.14	3.04	3.49	1.45	.85	1.587
April	1.11	.53	1.21	.08	1.26	.73	.49	1.68	1.26	2.26	1.061
May	1.83	1.71	.87	1.03	1.30	.33	.17	.84	1.98	1.39	1.145
June	2.36	1.08	2.64	.45	1.72	.29	3.24	3.33	2.08	1.70	1.889
July	4.05	3.65	1.27	2.78	2.59	3.72	.63	.56	.77	3.21	2.323
August	2.62	2.89	3.52	1.96	1.71	1.93	3.32	2.30	.97	1.19	2.241
September62	4.44	2.22	.90	2.40	.85	5.23	2.48	.30	2.55	1.799
October	1.15	3.77	4.05	2.80	2.63	1.65	2.68	.67	2.54	2.11	2.405
November	2.02	1.58	2.09	2.19	2.97	2.21	1.20	1.05	2.03	3.27	2.061
December83	2.75	1.31	1.76	1.60	2.88	2.90	2.21	2.25	1.42	1.991
TOTALS	21.88	21.53	23.16	18.17	22.15	17.45	24.16	22.98	17.27	23.47	21.222

1890 1 Mary Chelmsford 400ft NW
Buildings of high 12 ft three sides
15.. " 15.. N E + S

RAINFALL AT Chelmsford High Street

Lat. Lon. County of Essex

Rain Gauge, by N & T

Observer.

F. Chancellor Esq

Blackwater - 14.

Diameter ..	8										
Height	10										
Altitude ..	86 ft				92						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.R.A.N.
January ..	2.77	.87	.54	1.76	2.00	1.18	3.41	.93	.81	.82	1.500
February ..	3.14	.99	.96	.78	2.54	.78	2.17	.85	1.34	.94	1.440
March ..	.97	2.22	1.57	1.99	1.76	3.37	1.49	.85	2.09	3.21	1.952
April ..	.78	1.67	.40	1.75	.83	1.98	.99	2.34	2.51	1.85	1.510
May ..	.88	1.02	2.76	1.78	1.53	.92	1.82	2.01	2.15	1.13	1.550
June ..	1.93	1.10	3.56	5.70	1.02	2.51	1.77	2.08	.92	3.65	2.424
July ..	.78	2.25	1.18	5.82	1.65	.67	.95	1.76	2.90	3.26	2.122
August ..	2.47	1.56	3.17	3.89	2.40	1.77	.57	1.32	3.26	2.36	2.277
September ..	.89	1.24	1.07	2.07	.95	1.28	1.51	.51	1.54	2.73	1.379
October ..	1.54	2.30	1.71	4.74	1.11	1.25	4.10	3.23	1.35	4.07	2.540
November ..	1.71	.70	1.61	2.01	1.42	2.71	3.90	2.16	1.15	1.22	1.859
December ..	2.23	3.58	1.13	1.46	1.85	.77	2.01	2.69	2.13	3.00	2.085
TOTALS ..	20.09	19.50	19.66	33.75	19.06	19.19	24.19	20.73	22.15	28.24	22.656 E.S.S.

1900 St Marys Chelmsford 400 ft N.W.

Buildings 6 ft high 15 ft N.E. + S

1903 Chelmsford Station 1400 ft N.W.

1904 Nov. 8th Gauge moved 630 yards S.W.

St Johns church 343 yards S

Chelmsford Station 750 - N

1905 Hedge 10 yds high 12 yards N

House 20 - - 10 - E

June 20.25 - - 28.23 " S + E

RAINFALL at Chelmsford High Street

County of Essex

Observer F. Francella Esq

River Basin Black

Hán Văn Phan

River Basin Blackwater 4

This F.G. Chancellor (7)

Rain Gauge, by N&3

Diameter ...	8										
Height	1.0										
Altitude ...	927										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.37	1.08	2.41	2.83	.64	2.69	1.28	1.25	2.43	2.96	
February ...	2.26	1.00	1.36	.72	2.15	3.07	3.48	.61	.80	2.65	
March99	1.90	2.64	1.71	3.93	1.29	3.43	1.67	.93	2.44	
April	1.34	1.13	.10	2.58	.46	.77	1.04	1.78	2.84	3.72	
May	3.04	1.15	.80	1.74	1.35	2.27	1.51	2.94	1.23	.61	
June	1.96	1.75	2.78	2.22	1.61	.65	2.02	.63	.83	1.46	
July	1.64	.45	2.01	1.61	2.32	4.22	.96	3.71	5.09	2.32	
August	2.63	.54	3.59	.81	1.00	2.95	3.47	3.39	1.50	1.97	
September98	1.39	2.47	1.03	1.04	2.06	1.15	1.04	3.69	1.32	
October ...	1.56	3.00	1.81	3.34	1.23	1.59	3.12	3.71	1.84	.88	
November ...	3.26	3.52	1.85	2.62	2.86	2.86	4.60	1.95	2.00	1.58	
December ...	3.34	3.84	2.61	.67	5.89	4.48	2.80	1.39	1.85	3.21	
TOTALS ...	24.37	20.75	24.43	21.88	24.88	29.00	28.86	24.07	25.03	25.12	24.839

1910 Hedge 10 ft high 12 yds N
 fence 20. . 10. E
 trees 20.25. 23.25. S & W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Chelmsford	750 yds 1m	N	St. Edmund's St. Mary's Cathedral	350 yds	S

RAINFALL at Chelmsford, High Street Hamroby

County of Essex.

Observer Mr F.J. Chancellor

River Basin Blackwater &

(1928) M.O. Rain Gauge, by _____

Diameter ...	8										
Height	1	6									
Altitude ...	98										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.EAN.
January	2.43	2.08	2.96	1.25	2.89	1.53	2.49	1.66	3.00	1.50	1.80
February	.45	.22	2.17	2.81	.74	2.31	2.66	3.82	1.24	.45	.72
March	1.17	1.28	1.42	1.65	.80	.89	.24	2.01	2.40	.05	1.45
April	3.36	1.73	2.47	2.05	3.12	1.18	2.57	1.86	1.03	1.98	2.17
May	2.55	1.20	1.04	1.64	4.38	2.37	1.05	1.09	1.79	1.80	2.21
June	.97	.18	1.57	.82	1.60	.50	2.79	2.72	2.15	.83	.54
July	3.26	.32	2.45	1.73	3.33	3.98	2.18	2.59	1.92	1.86	3.17
August	1.93	1.79	2.08	(.80)	2.42	2.59	.96	3.69	2.84	1.52	2.70
September	3.71	1.29	2.49	1.89	2.40	3.04	.82	2.95	.74	.81	3.67
October	.83	1.23	1.09	4.85	3.79	2.86	2.71	1.87	3.39	2.48	1.22
November	.47	1.70	1.42	2.42	3.65	1.82	3.16	2.28	1.70	4.89	4.52
December	2.39	1.84	2.34	2.08	3.03	2.46	.52	2.91	3.29	4.40	2.07
TOTALS...	23.52	14.36	23.50	(24.99)	32.15	25.53	24.15	29.45	25.49	22.57	26.24
	7	7	7	7	7	7	7	7	7	7	7

1920. Home & trees
1923. Aug. 26/23 computed from avg. obs.Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920.			Chelmsford	3 1/4 mi	NE	Chelmsford Cathedral	1 1/2 mi E
1923			"	3 1/4 "	NW		

RAINFALL at Chelmsford (High Street)

County of Essex

Observer Miss ~~E. J.~~ Chancellor

River Basin Blackwater - 4

Type of Gauge

Annual Average 22.25 in. based on 35 years obs. un-weighted. Period of average 1881/1915. Reference No. 855820/28

Diameter	8.										Means
Height	1.6.										
Altitude	98.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.35	1.25	3.10	1.65	1.64	5.33					
February	2.02	.37	.55	(-)	2.24	1.97					
March	.28	1.32	2.13	2.61	.96	.78					
April	3.71	2.28	2.10	1.86	1.81	1.52					
May	3.12	4.76	1.20	.68	1.09	.82					
June	1.21	.66	1.27	1.56	3.75	3.28					
July	3.62	2.26	.91	1.60	1.36	(3.15)					
August	4.47	1.32	.39	1.59	.90	.67					
September	1.97	2.31	2.19	1.29	4.66	3.22					
October	.71	5.20	1.60	1.69	3.18	1.76					
November	1.98	1.37	1.47	1.76	5.16	(4.03)					
December	.80	.64	.63	4.89	2.77	(2.27)					
TOTALS	26.24	23.62	17.44	21.33	29.44	(28.80)					
	D										

Unable to continue owing to ill health.

1936. Wrote asking for form to be sent for 1936 records; back year
1932-35 med. 16/126.

Record T owing to ill health. see f 855820/28 End 16 A.

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				1 mile			3/4 mile

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.